

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010720\
 Data File : BN009319.D
 Acq On : 07 Jan 2020 13:17
 Operator : JU
 Sample : K6467-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2K75

Manual Integrations
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Quant Time: Jan 07 13:54:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 06 17:39:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	229056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1012180	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.12	164	639426	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1349557	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1106800	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1059156	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	25241	4.66	ng/uL	0.00
5) Phenol-d5	6.67	99	620603	30.43	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	419190	29.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	463491	31.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	494696	29.40	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	234240	31.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	261403	31.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.86	165	492501	31.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	532658	29.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1598344	33.82	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1864164	32.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	277396	30.99	ng/ul	0.00
58) Fluorene-d10	15.12	176	1341349	32.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	262994	30.33	ng/ul	0.00
71) Anthracene-d10	16.96	188	2101627	34.30	ng/ul	0.00
79) Pyrene-d10	19.27	212	2227635	37.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1922069	36.41	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.13	88	137364	23.752	ng/uL 97
4) Benzaldehyde	6.63	77	594549m	51.241	ng/ul
6) Phenol	6.70	94	884223	41.486	ng/ul 99
10) 2-Chlorophenol	7.05	128	424774	27.937	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.28	70	466074	31.493	ng/ul 97
20) Nitrobenzene	8.66	77	529484	25.430	ng/ul 98
23) 2-Nitrophenol	9.36	139	258465	29.169	ng/ul 95
27) 2,4-Dichlorophenol	9.89	162	454929	29.293	ng/ul 98
28) Naphthalene	10.28	128	1086487	20.215	ng/ul 100
31) Hexachlorobutadiene	10.58	225	305104	30.228	ng/ul 99
33) 4-Chloro-3-methylphenol	11.53	107	894925	46.711	ng/ul 99
35) 1-Methylnaphthalene	12.13	142	1020603	26.337	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	442738	24.009	ng/ul 97
39) 2,4,6-Trichlorophenol	12.53	196	508602	42.435	ng/ul 99
41) 1,1'-Biphenyl	12.94	154	1521058	31.852	ng/ul 100
42) 2-Chloronaphthalene	12.97	162	729715	19.490	ng/ul 98
45) Dimethylphthalate	13.59	163	1250932	25.759	ng/ul 100
46) 2,6-Dinitrotoluene	13.70	165	296830	30.457	ng/ul 98
50) Acenaphthene	14.17	153	1046946	25.794	ng/ul 99
53) 4-Nitrophenol	14.35	109	236698	30.776	ng/ul 95
54) Dibenzofuran	14.52	168	1200327	21.367	ng/ul 98
56) 2,3,4,6-Tetrachlorophenol	14.75	232	295385	26.195	ng/ul# 98
60) 4-Chlorophenyl-phenylether	15.17	204	453622	19.224	ng/ul 99

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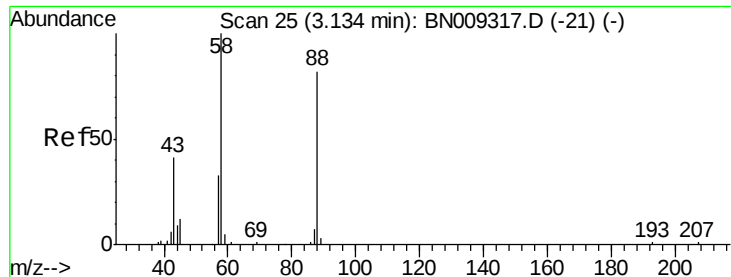
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	15.26	198	485596	53.265	ng/ul	94
67) Hexachlorobenzene	16.18	284	357461	23.137	ng/ul	97
69) Pentachlorophenol	16.53	266	431001	46.212	ng/ul	98
70) Phenanthrene	16.90	178	1599776	21.448	ng/ul	99
72) Anthracene	17.00	178	1862305	24.695	ng/ul	99
75) Carbazole	17.27	167	1599832	24.934	ng/ul	99
76) Di-n-butylphthalate	17.86	149	1794561	21.189	ng/ul	100
77) Fluoranthene	18.93	202	3913988	45.657	ng/ul	99
80) Pyrene	19.30	202	2820428	35.373	ng/ul	99
81) Butylbenzylphthalate	20.23	149	765004	22.879	ng/ul	98
83) Benzo(a)anthracene	21.06	228	3193611	42.439	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1347136	26.709	ng/ul	99
85) Chrysene	21.11	228	2141748	29.248	ng/ul	99
88) Benzo(b)fluoranthene	22.57	252	2034704	30.478	ng/ul	96
91) Benzo(a)pyrene	23.10	252	1783008	30.101	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.27	276	2019213	31.458	ng/ul	99
93) Dibenzo(a,h)anthracene	25.29	278	1315166	24.388	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 23.752 ng/uL

RT: 3.13 min Scan# 24

Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Instrument :

BNA_N

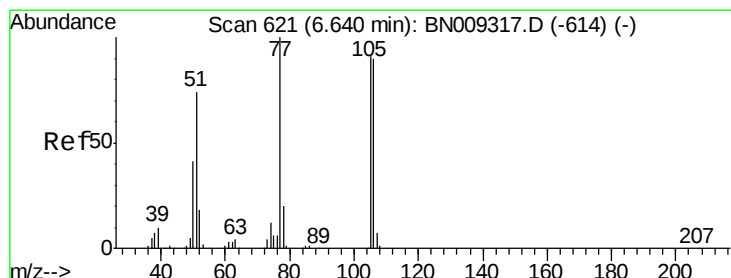
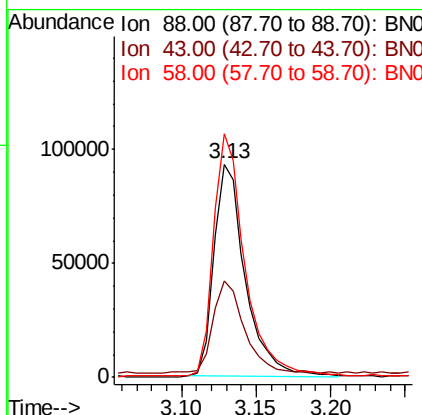
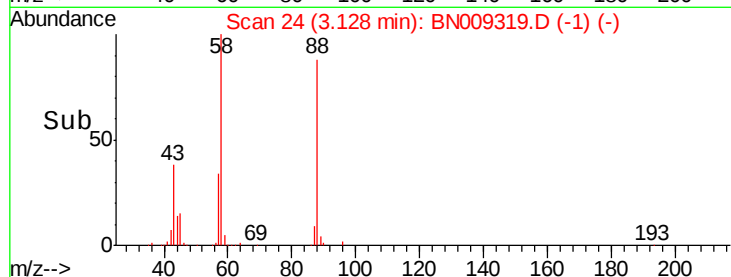
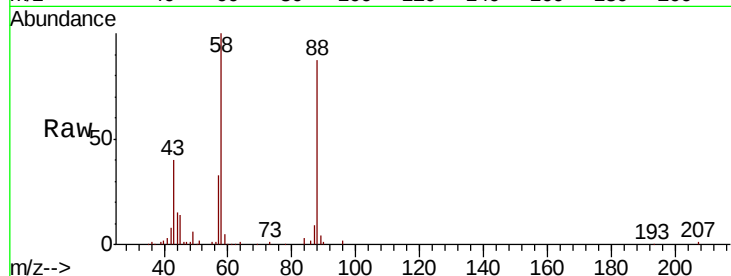
ClientSampled :

X2K75

Tot Ion:	88	Resp:	137364
Ion	Ratio	Lower	Upper
88	100		
43	45.4	39.1	58.7
58	114.4	90.2	135.2

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#4

Benzaldehyde

Concen: 51.241 ng/uL

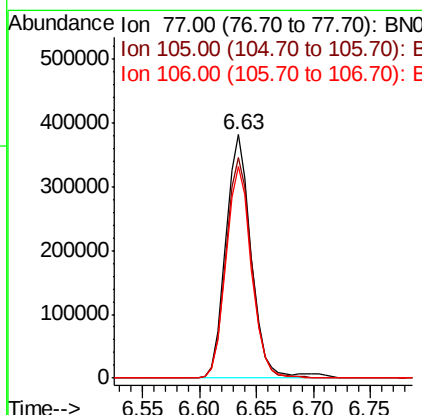
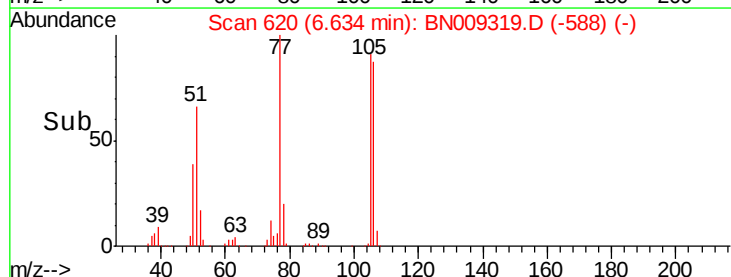
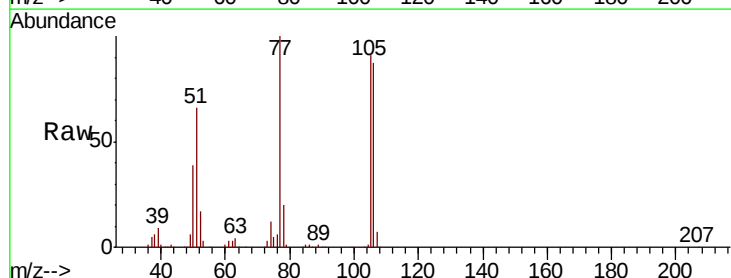
RT: 6.63 min Scan# 620

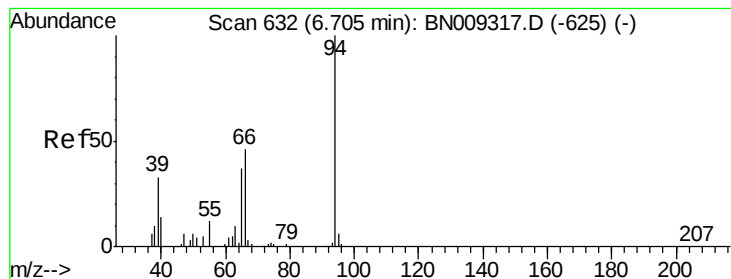
Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Tgt Ion:	77	Resp:	594549
Ion	Ratio	Lower	Upper
77	100		
105	90.6	74.6	111.8
106	86.8	75.4	113.0





#6

Phenol

Concen: 41.486 ng/ul

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Instrument :

BNA_N

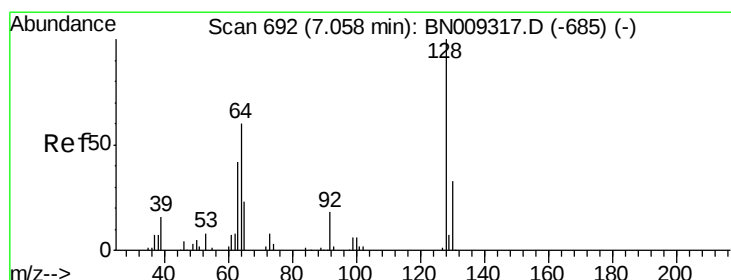
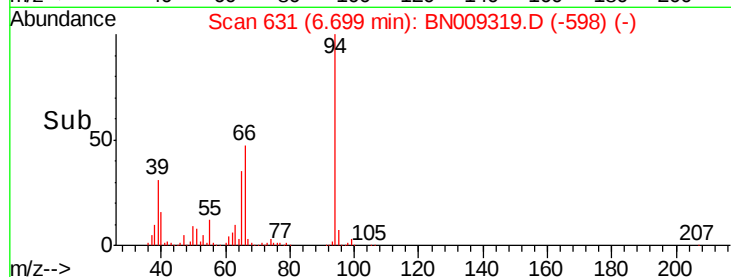
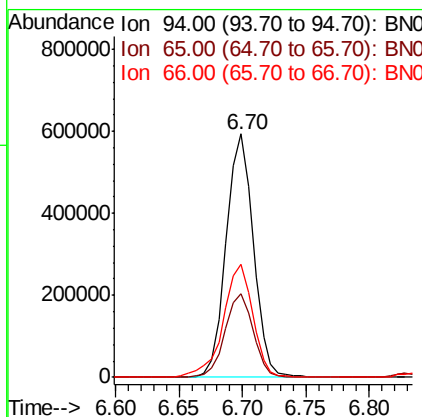
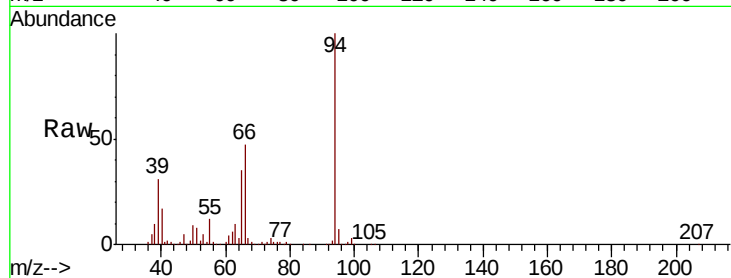
ClientSampleId :

X2K75

Tot Ion:	94	Resp:	884223
Ion	Ratio	Lower	Upper
94	100		
65	34.5	28.6	42.8
66	46.5	37.7	56.5

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#10

2-Chlorophenol

Concen: 27.937 ng/ul

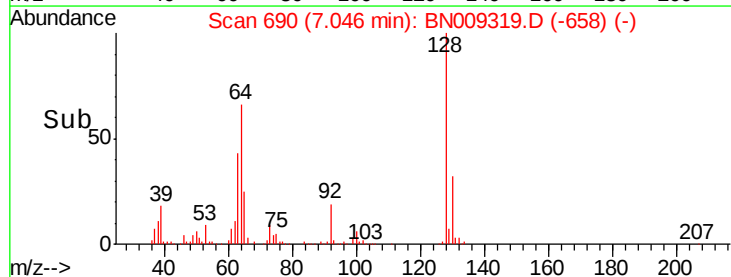
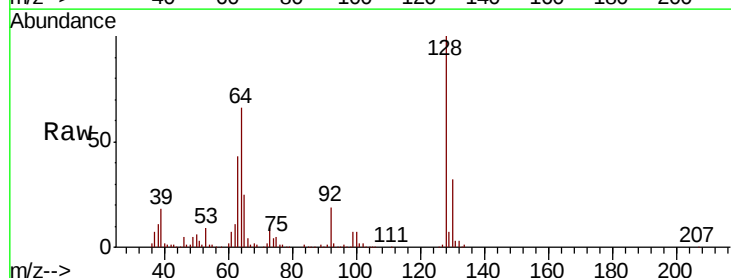
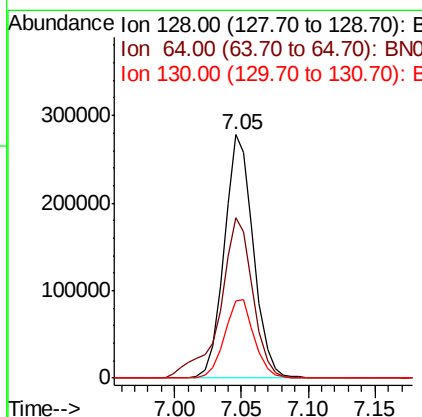
RT: 7.05 min Scan# 690

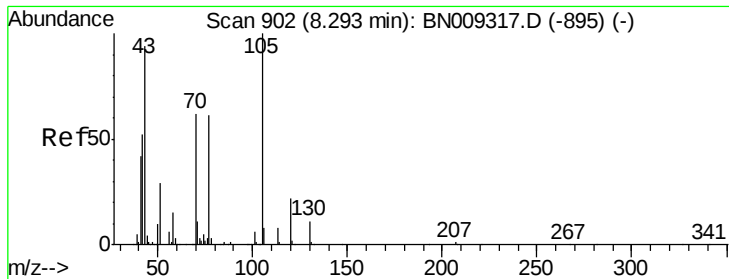
Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Tgt Ion:	128	Resp:	424774
Ion	Ratio	Lower	Upper
128	100		
64	65.6	52.3	78.5
130	31.9	27.4	41.0





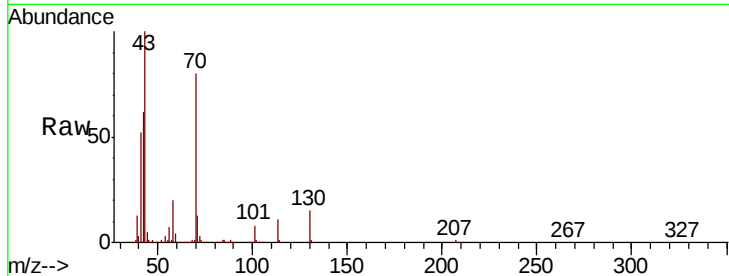
#15
N-Nitroso-di-n-propylamine
Concen: 31.493 ng/ul
RT: 8.28 min Scan# 900
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampleId :
X2K75

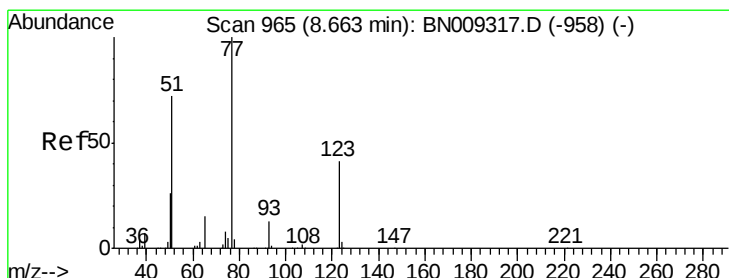
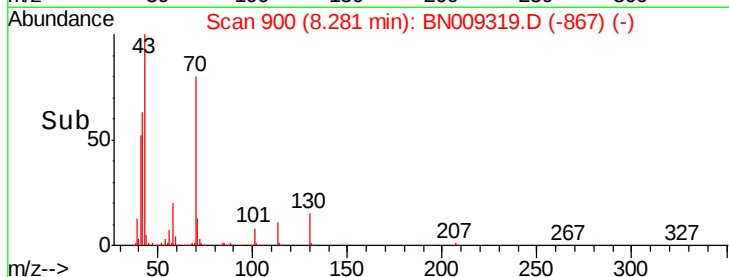
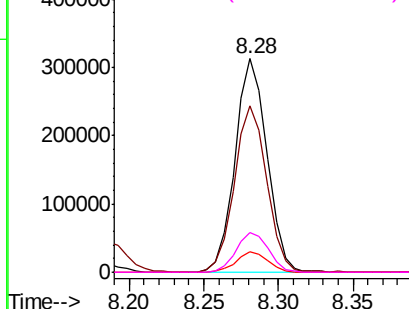
Tot Ion	Ratio	Lower	Upper
70	100		
42	77.9	64.6	97.0
101	9.8	7.6	11.4
130	18.8	14.5	21.7

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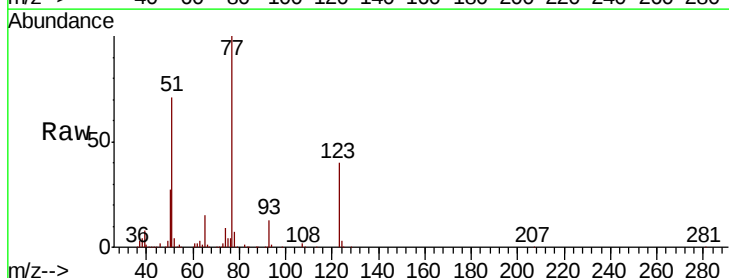


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

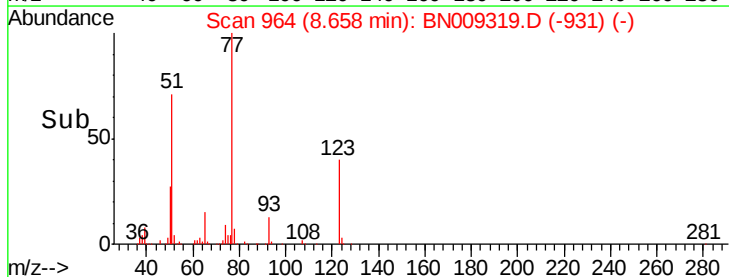
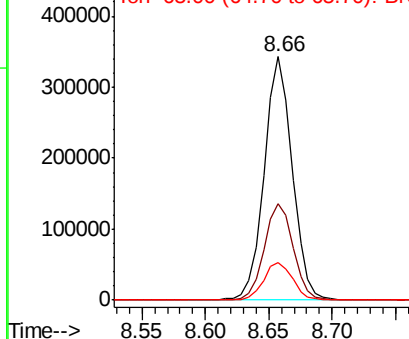


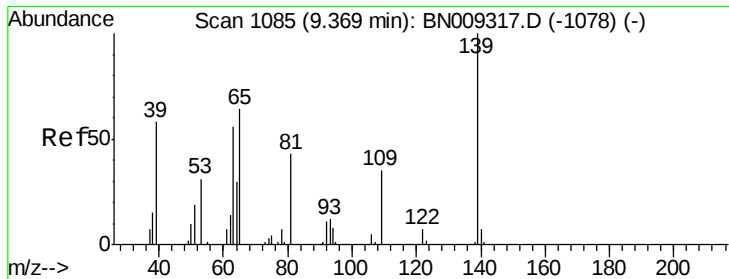
#20
Nitrobenzene
Concen: 25.430 ng/ul
RT: 8.66 min Scan# 964
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	30.8	46.2
65	15.2	11.8	17.8



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BN0





#23

2-Nitrophenol

Concen: 29.169 ng/ul

RT: 9.36 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Instrument :

BNA_N

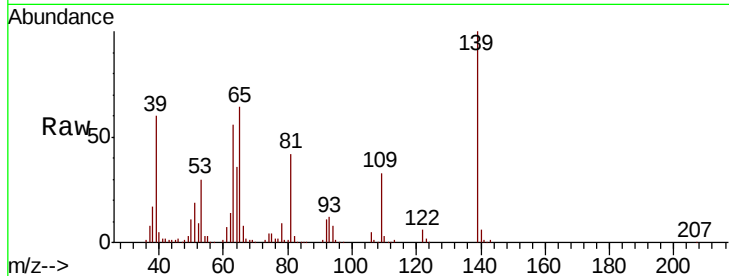
ClientSampleId :

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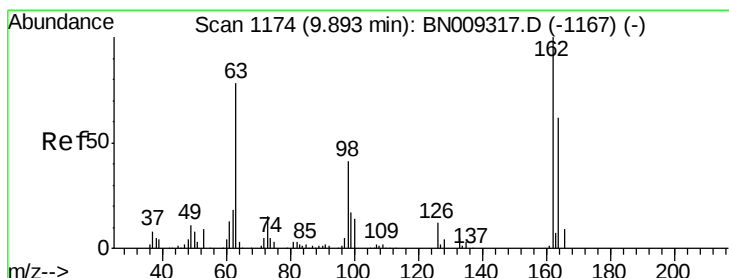
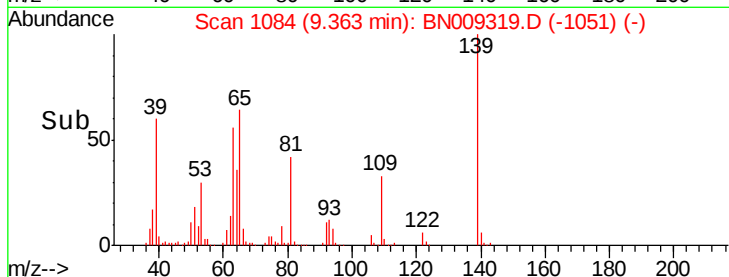
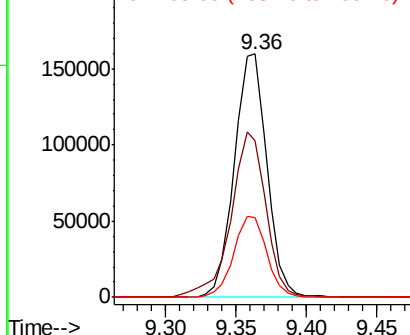
Tot Ion:	139	Resp:	258465
Ion Ratio	Lower	Upper	
139	100		
65	64.1	55.8	83.6
109	32.8	27.2	40.8

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO
Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 29.293 ng/ul

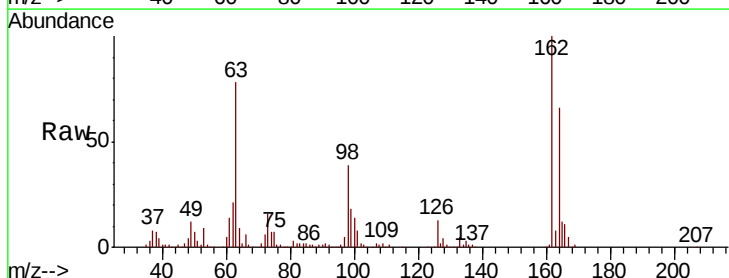
RT: 9.89 min Scan# 1173

Delta R.T. -0.01 min

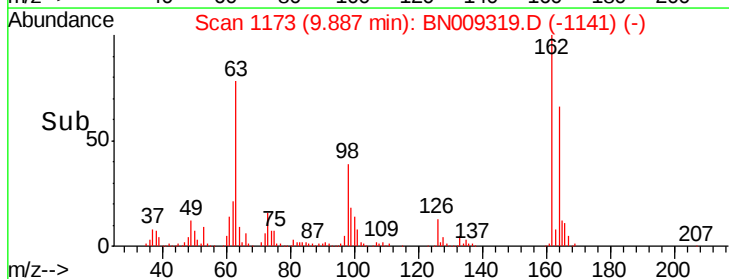
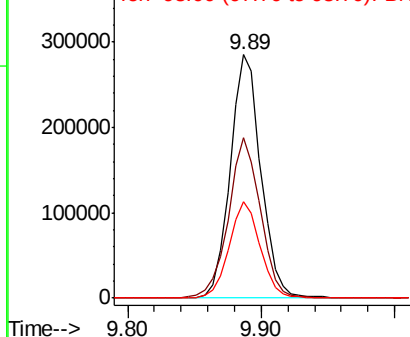
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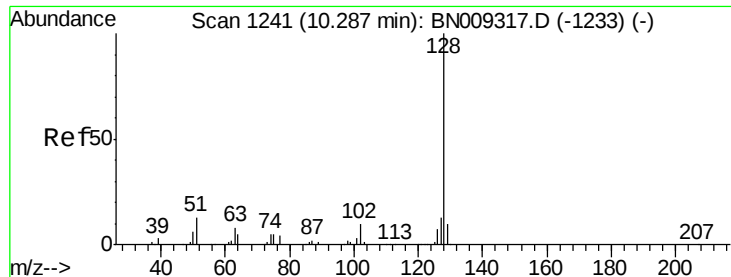
Acq: 07 Jan 2020 13:17

Tgt Ion:	162	Resp:	454929
Ion Ratio	Lower	Upper	
162	100		
164	65.7	50.6	75.8
98	39.4	31.2	46.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BNO





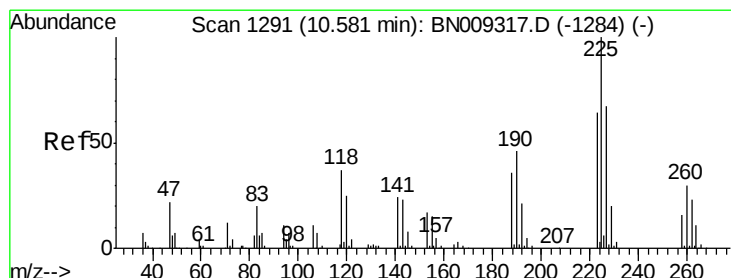
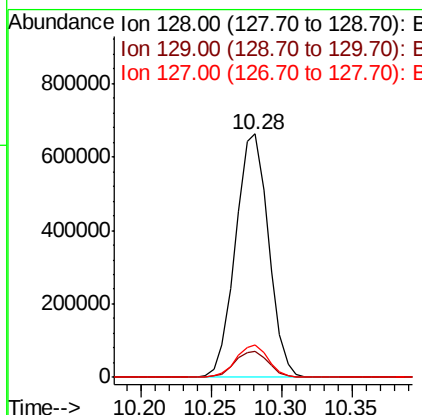
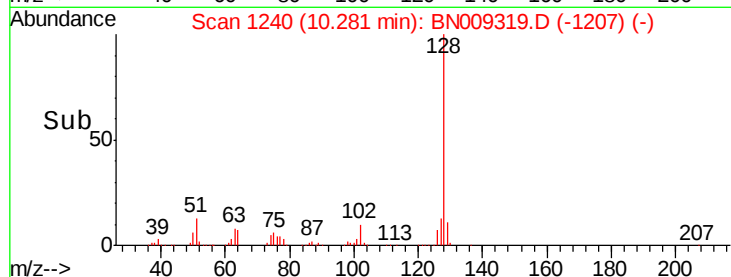
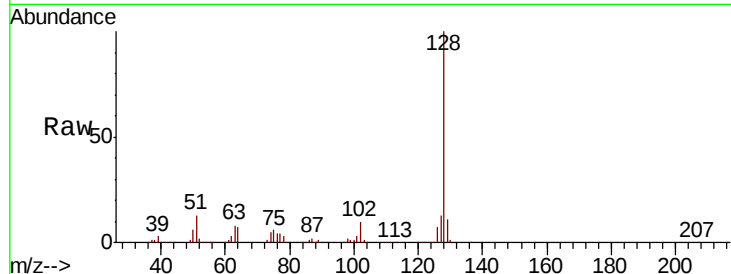
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Naphthalene
Concen: 20.215 ng/ul
RT: 10.28 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.5	10.8	16.2

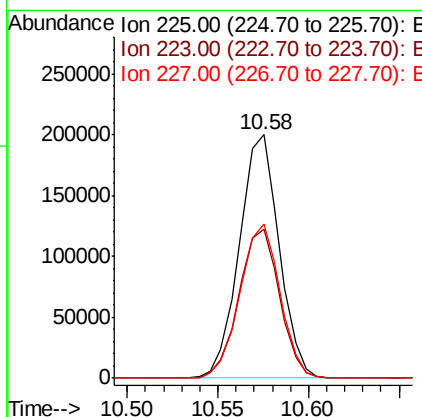
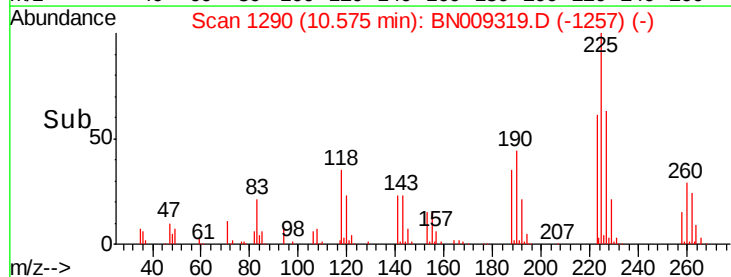
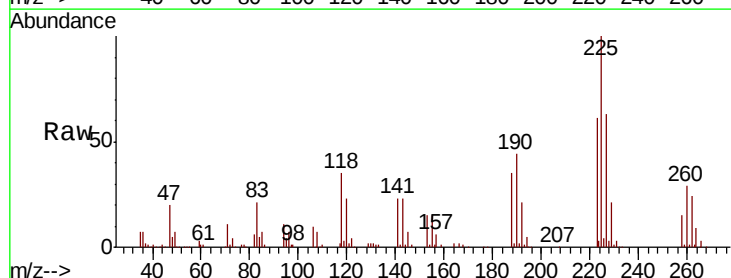
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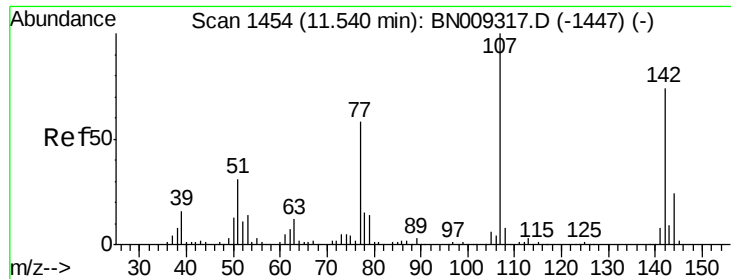
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#31
Hexachlorobutadiene
Concen: 30.228 ng/ul
RT: 10.58 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.2	72.4
227	63.2	51.0	76.6





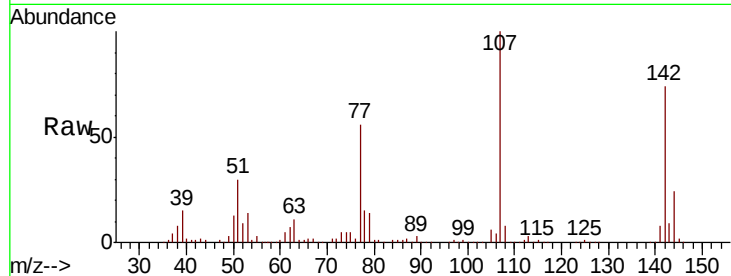
#33
 4-Chloro-3-methylphenol
 Concen: 46.711 ng/ul
 RT: 11.53 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BN009319.D
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Tot Ion	Ratio	Resp	Lower	Upper
107	100	894925		
144	24.2	19.4	29.2	
142	73.5	59.9	89.9	

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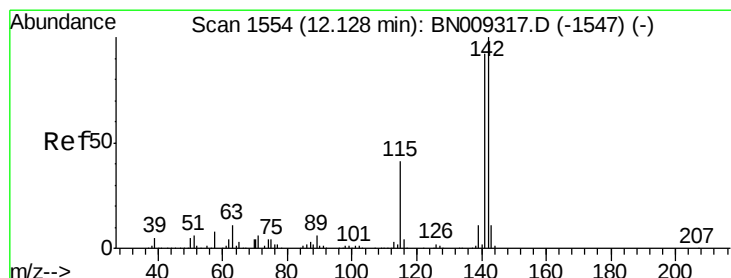
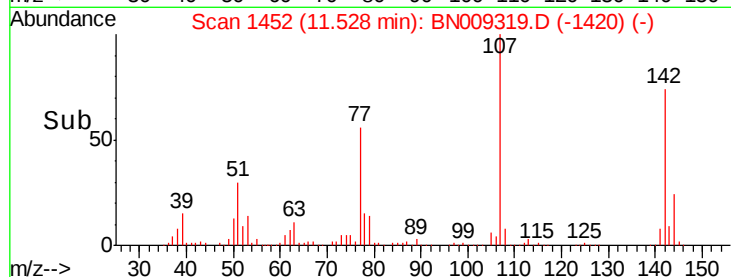
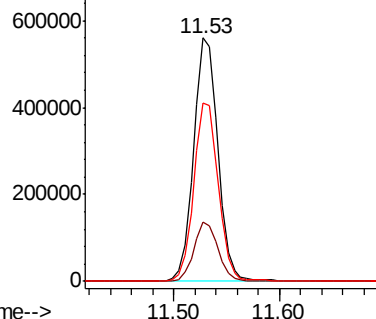


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#35
 1-Methylnaphthalene
 Concen: 26.337 ng/ul
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN009319.D
 Acq: 07 Jan 2020 13:17

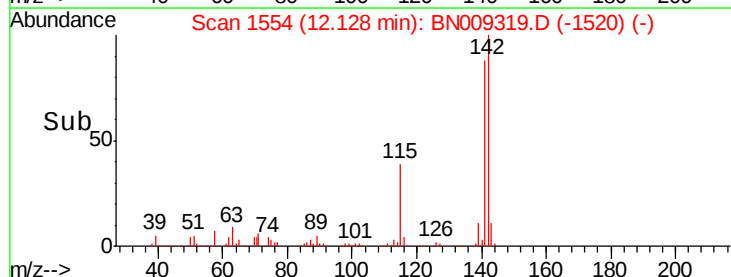
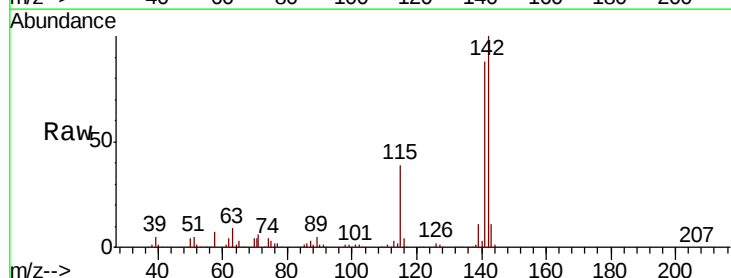
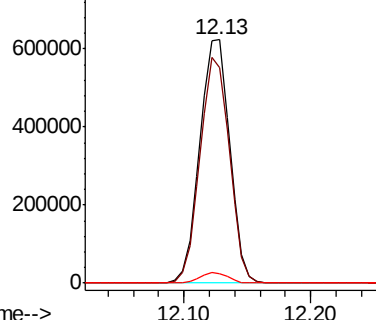
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1020603		
141	88.3	73.2	109.8	
116	3.9	3.3	4.9	

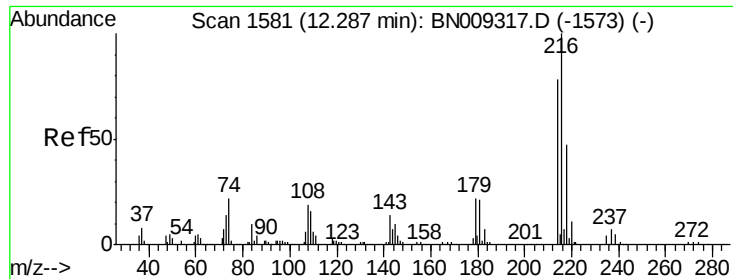
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





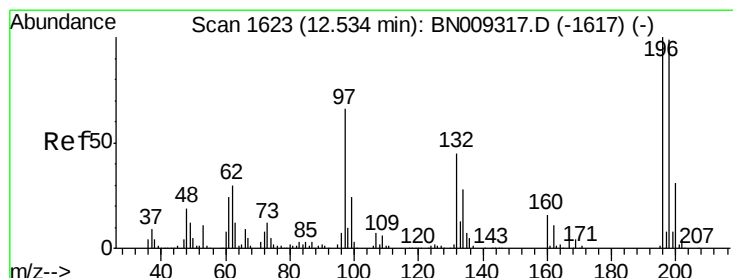
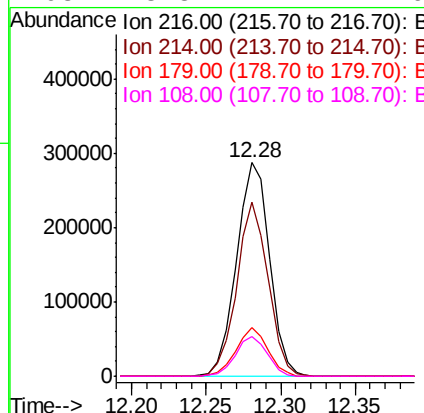
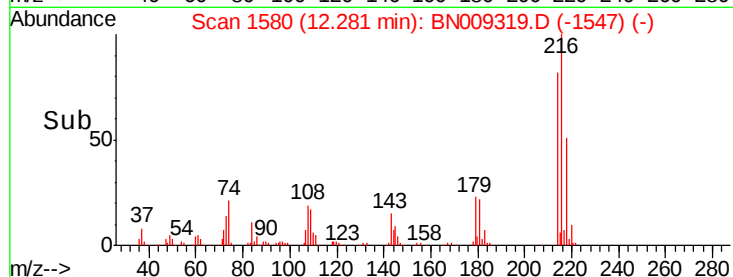
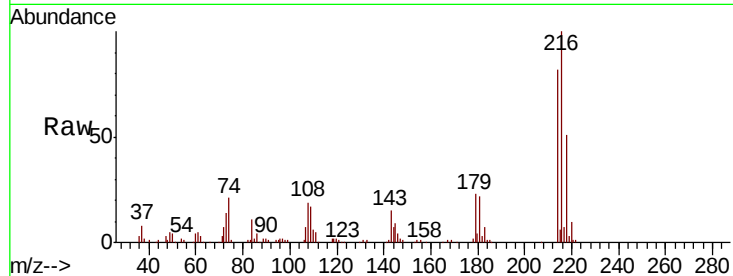
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.009 ng/ul
 RT: 12.28 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BN009319.D
 Acq: 07 Jan 2020 13:17

Instrument :
 BNA_N
 ClientSampleId :
 X2K75

Tot Ion:	216	Resp:	442738
Ion Ratio		Lower	Upper
216	100		
214	81.8	62.6	93.8
179	22.6	17.4	26.0
108	18.8	14.4	21.6

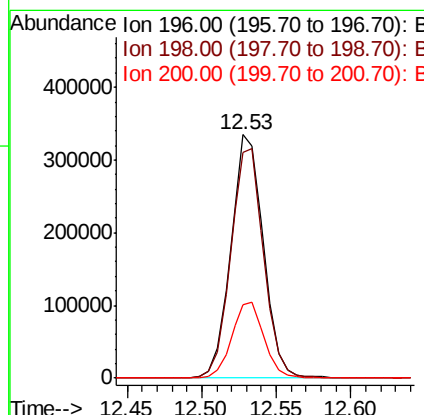
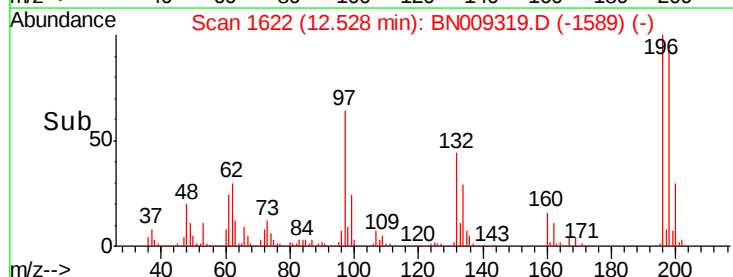
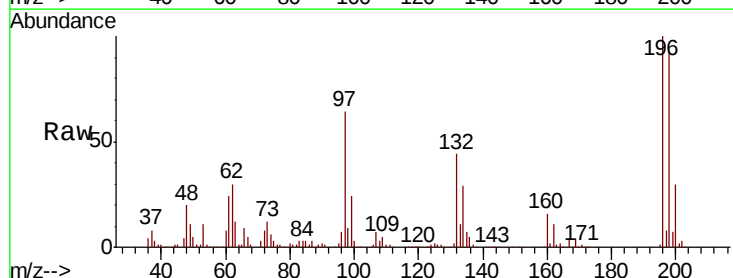
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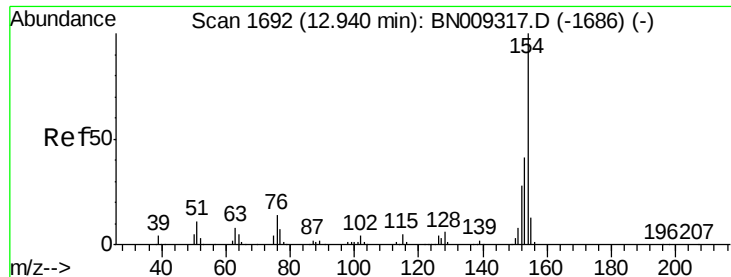
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#39
 2,4,6-Trichlorophenol
 Concen: 42.435 ng/ul
 RT: 12.53 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BN009319.D
 Acq: 07 Jan 2020 13:17

Tgt Ion:	196	Resp:	508602
Ion Ratio		Lower	Upper
196	100		
198	92.9	75.4	113.0
200	30.0	23.2	34.8





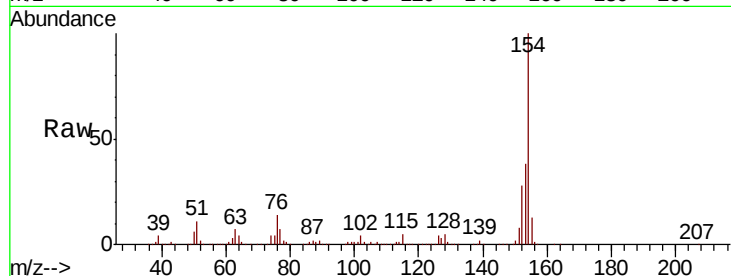
#41
 1,1'-Biphenyl
 Concen: 31.852 ng/ul
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BN009319.D
 Acq: 07 Jan 2020 13:17

Instrument :
 BNA_N
 ClientSampleId :
 X2K75

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.3	30.8	46.2
76	13.9	11.3	16.9

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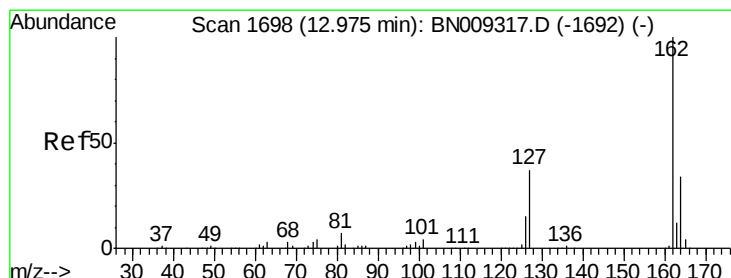
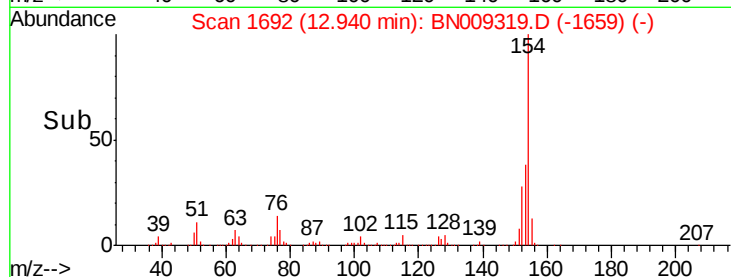
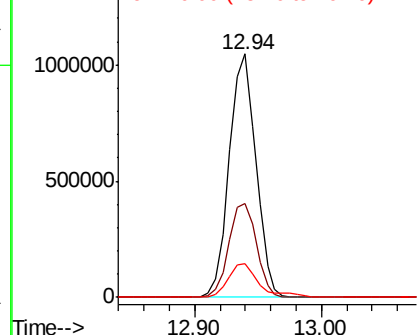


Abundance

Ion 154.00 (153.70 to 154.70): E

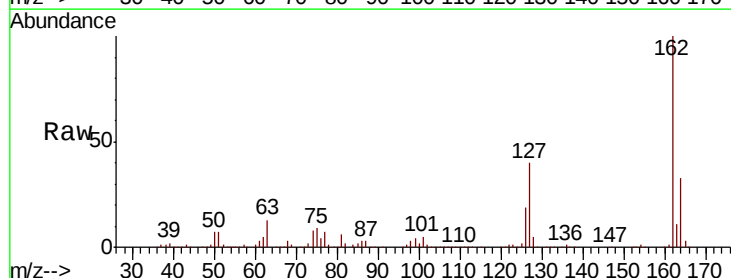
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO



#42
 2-Chloronaphthalene
 Concen: 19.490 ng/ul
 RT: 12.97 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BN009319.D
 Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.4	38.0
127	39.6	33.0	49.6

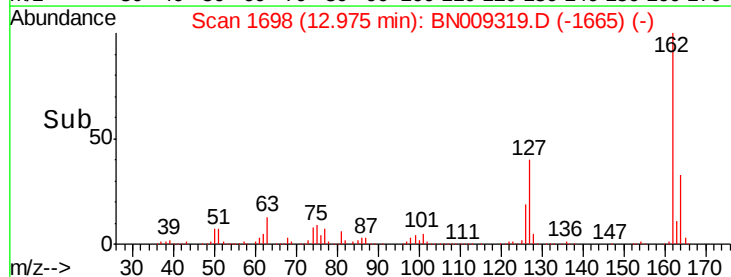
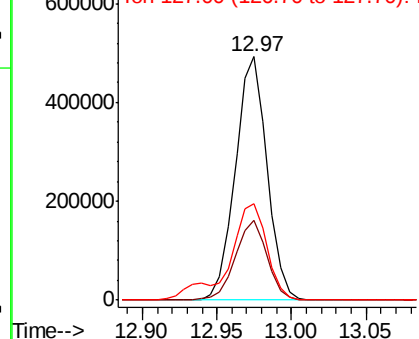


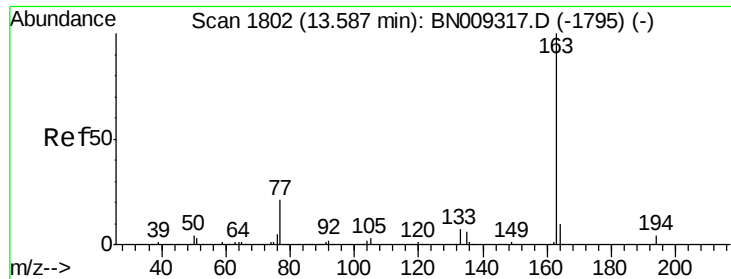
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





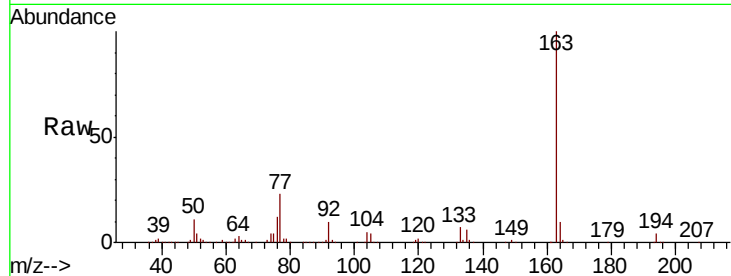
#45
Dimethylphthalate
Concen: 25.759 ng/ul
RT: 13.59 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampleId :
X2K75

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.8	8.0	12.0

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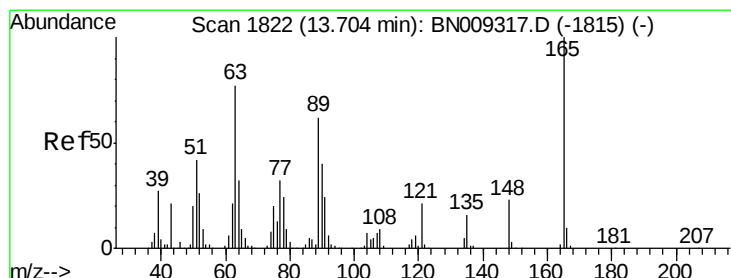
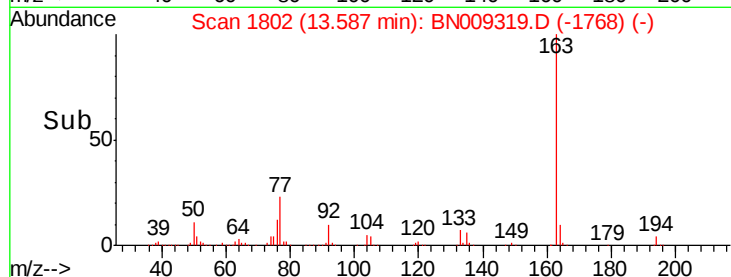
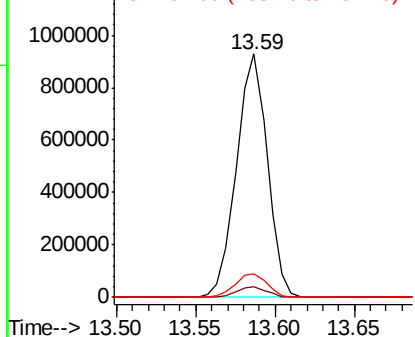


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#46
2,6-Dinitrotoluene
Concen: 30.457 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

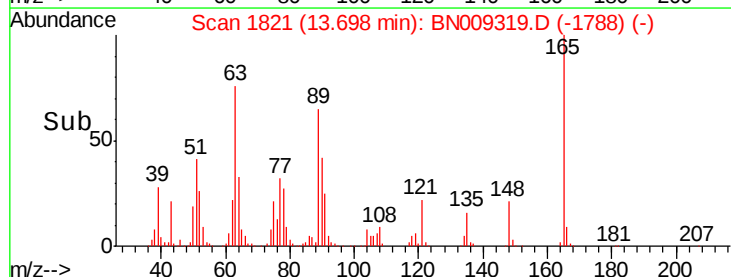
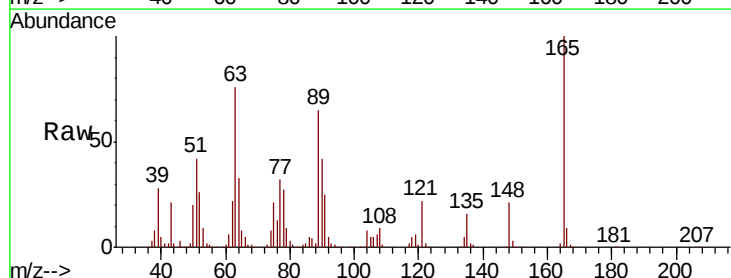
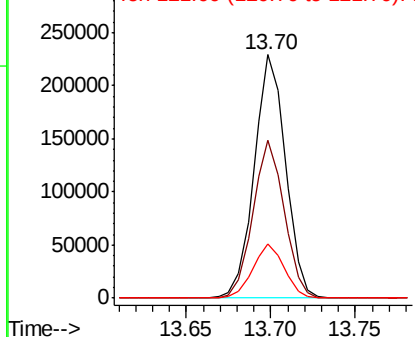
Tgt Ion	Ratio	Lower	Upper
165	100		
89	64.8	50.5	75.7
121	22.3	17.8	26.8

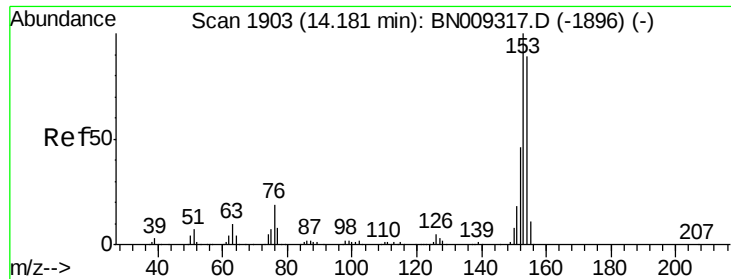
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthene

Concen: 25.794 ng/ul

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Instrument :

BNA_N

ClientSampled :

X2K75

Tot Ion:153 Resp: 1046946

Ion Ratio Lower Upper

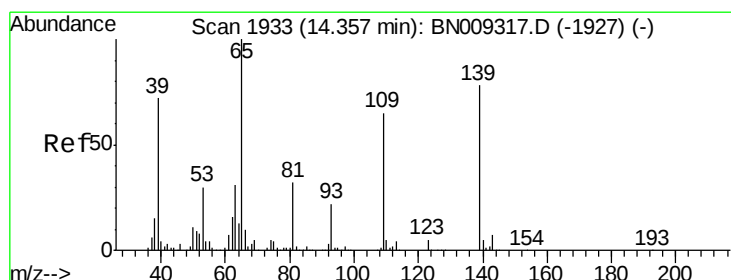
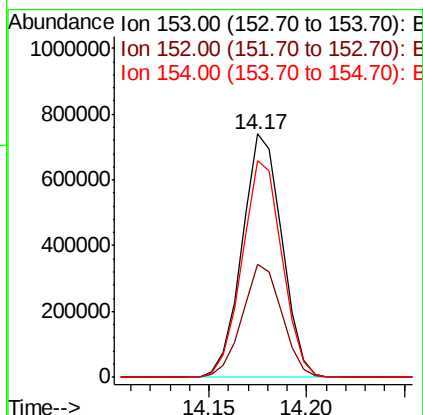
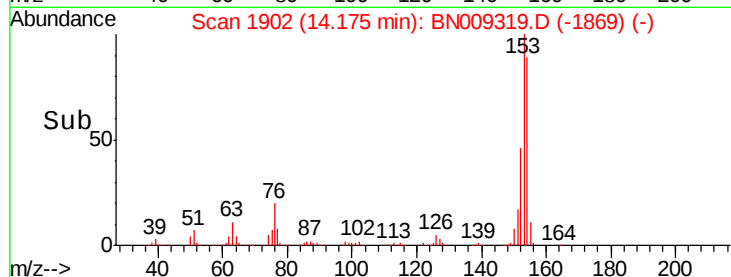
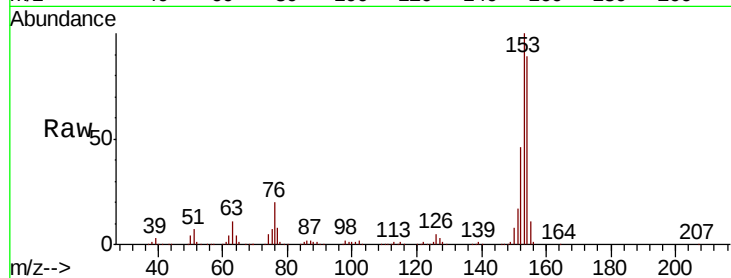
153 100

152 46.4 37.2 55.8

154 89.1 69.8 104.6

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#53

4-Nitrophenol

Concen: 30.776 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

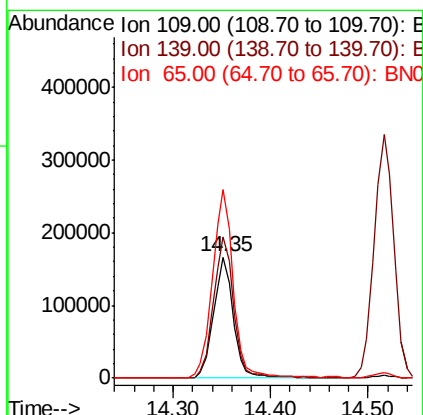
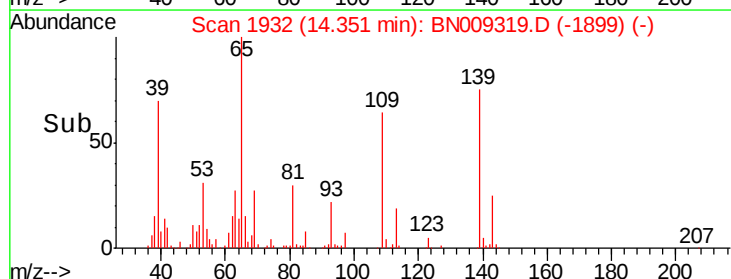
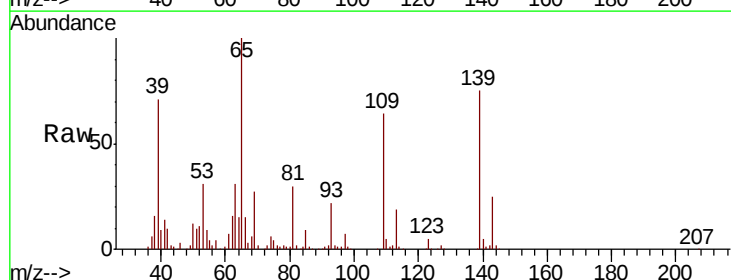
Tgt Ion:109 Resp: 236698

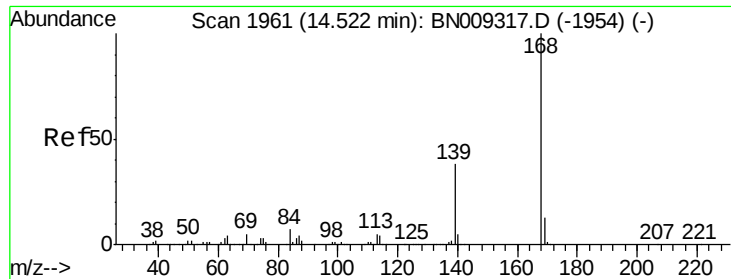
Ion Ratio Lower Upper

109 100

139 116.5 95.0 142.4

65 155.5 117.7 176.5





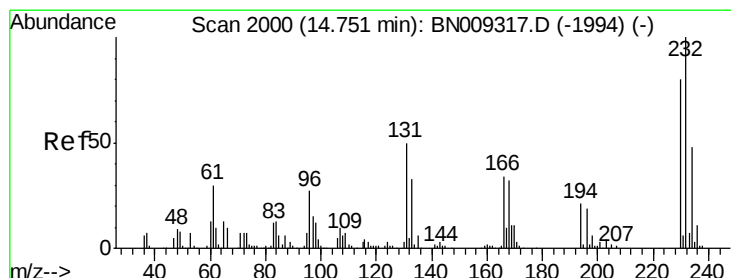
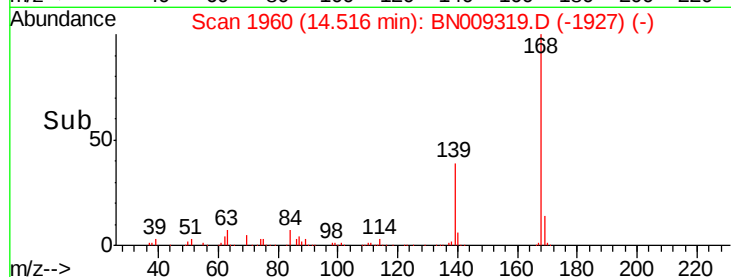
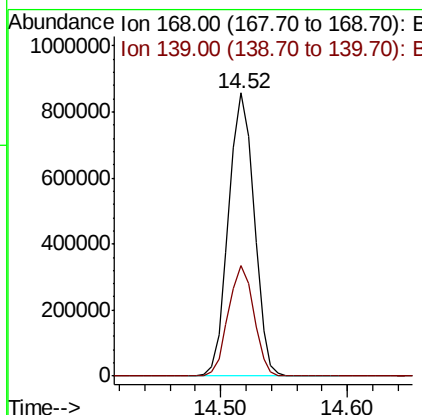
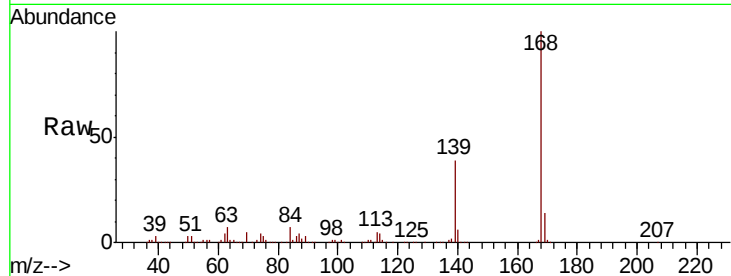
#54
Dibenzofuran
Concen: 21.367 ng/ul
RT: 14.52 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampled :
X2K75

Tot Ion:168 Resp: 1200327
Ion Ratio Lower Upper
168 100
139 39.1 30.4 45.6

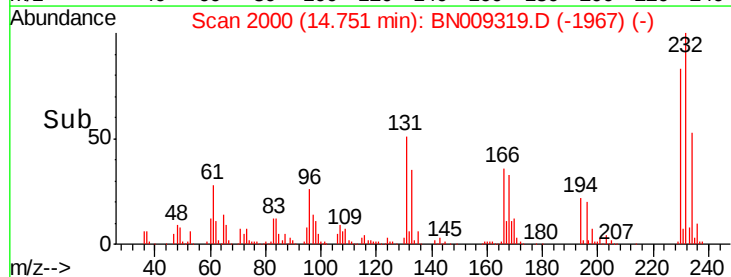
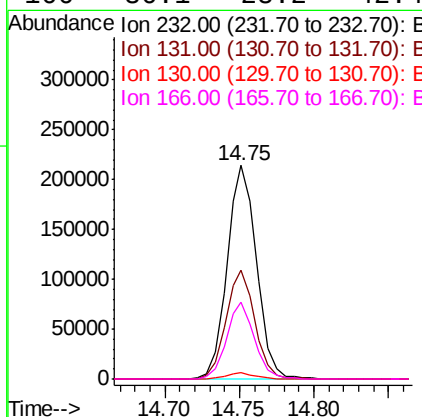
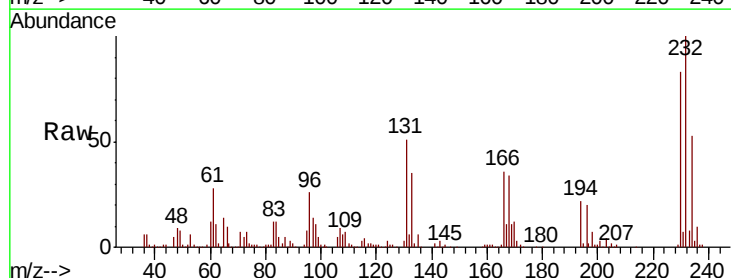
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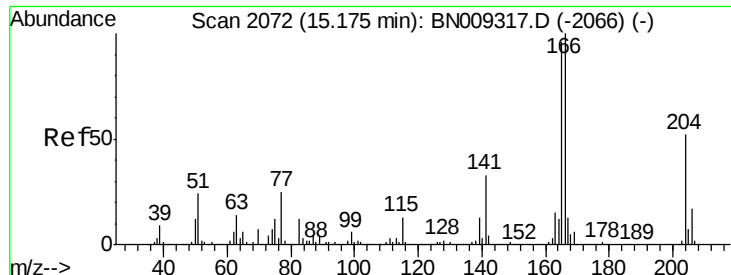
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#56
2,3,4,6-Tetrachlorophenol
Concen: 26.195 ng/ul
RT: 14.75 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion:232 Resp: 295385
Ion Ratio Lower Upper
232 100
131 51.2 39.7 59.5
130 3.1 2.0 3.0#
166 36.1 28.2 42.4





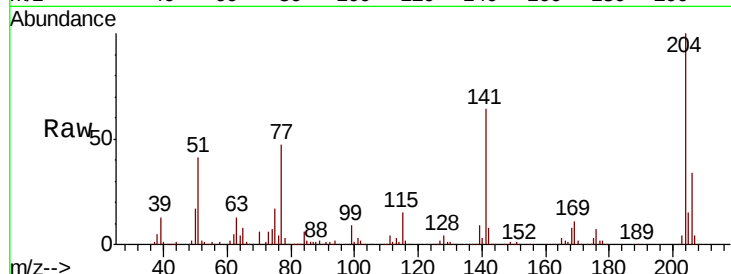
#60
4-Chlorophenyl-phenylether
Concen: 19.224 ng/ul
RT: 15.17 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampled :
X2K75

Tot Ion	Ratio	Resp	Lower	Upper
204	100	453622		
206	33.6	25.5	38.3	
141	64.0	51.4	77.2	

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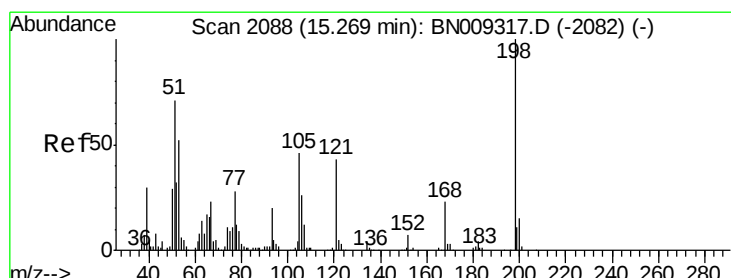
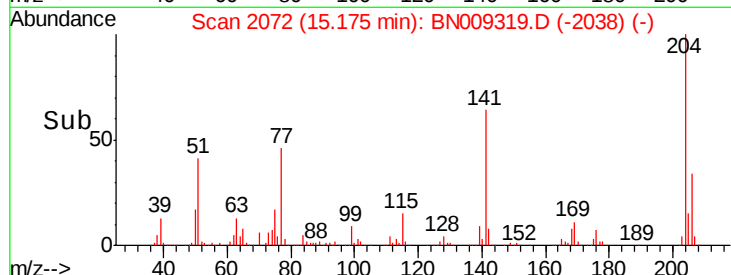
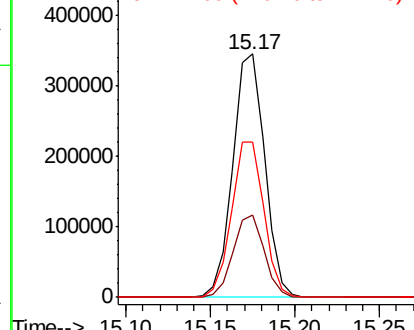


Abundance

Ion 204.00 (203.70 to 204.70): E

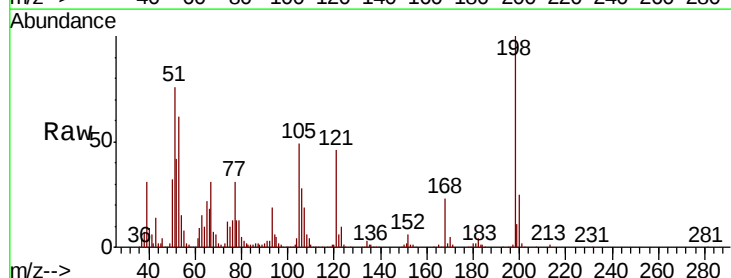
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#64
4,6-Dinitro-2-methylphenol
Concen: 53.265 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	485596		
182	4.0	3.3	4.9	
77	30.7	21.9	32.9	

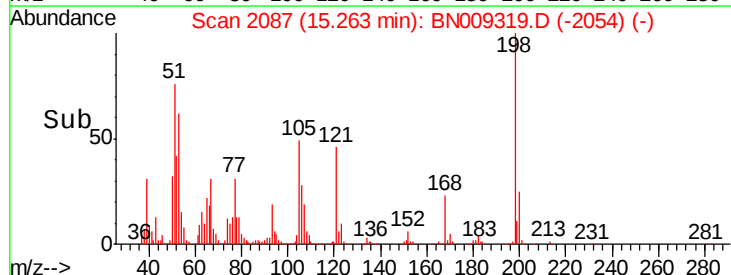
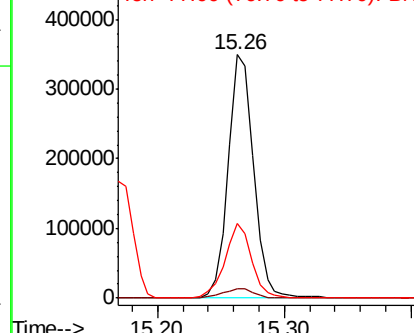


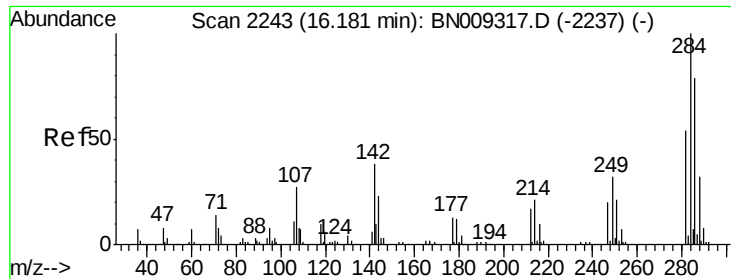
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC





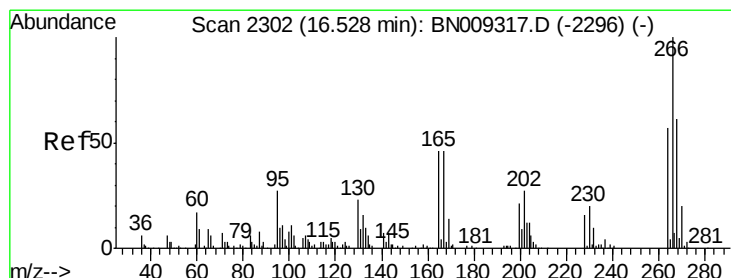
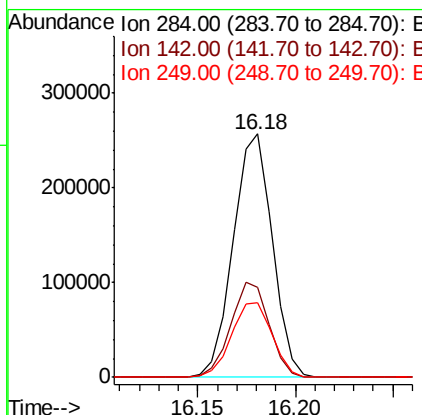
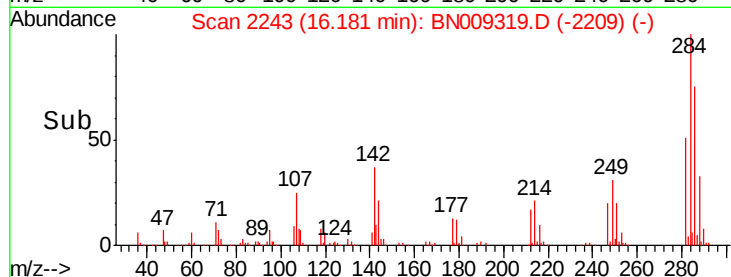
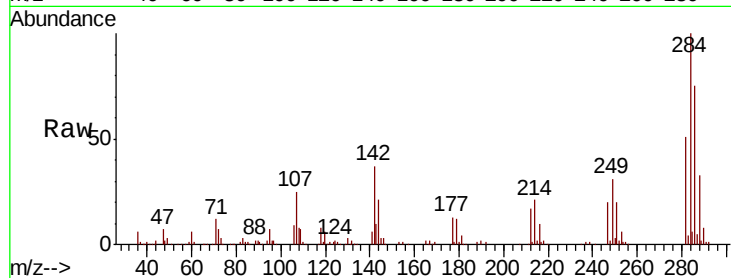
#67
Hexachlorobenzene
Concen: 23.137 ng/ul
RT: 16.18 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampleId :
X2K75

Tot Ion	Ratio	Resp	Lower	Upper
284	100	357461		
142	37.1		31.6	47.4
249	30.6		25.7	38.5

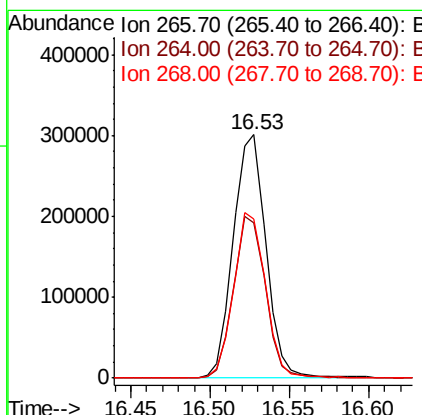
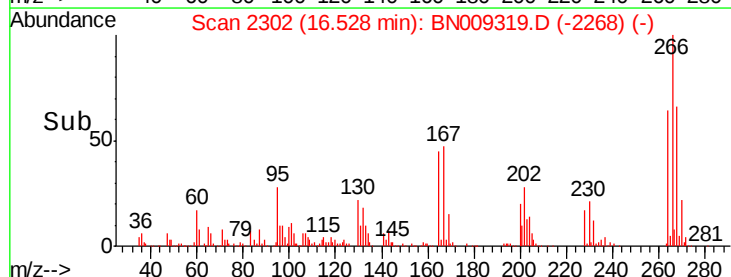
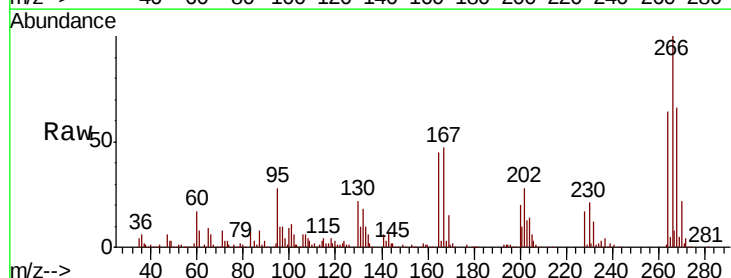
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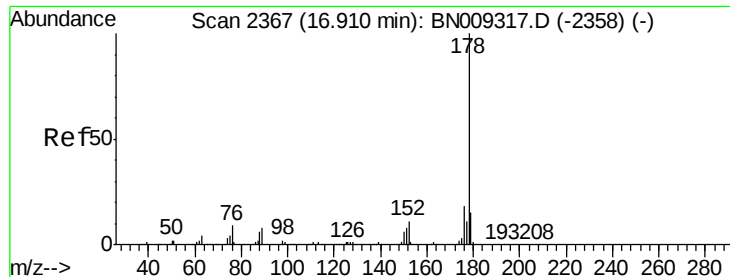
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#69
Pentachlorophenol
Concen: 46.212 ng/ul
RT: 16.53 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	431001		
264	63.9		49.5	74.3
268	65.6		53.7	80.5





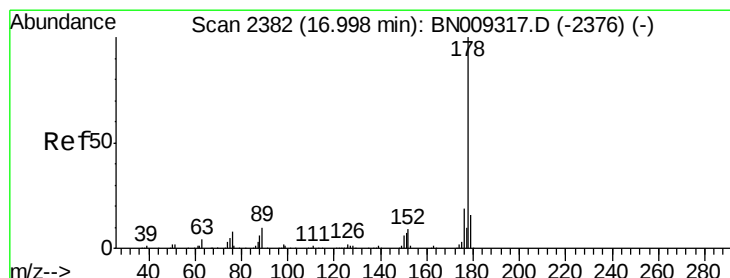
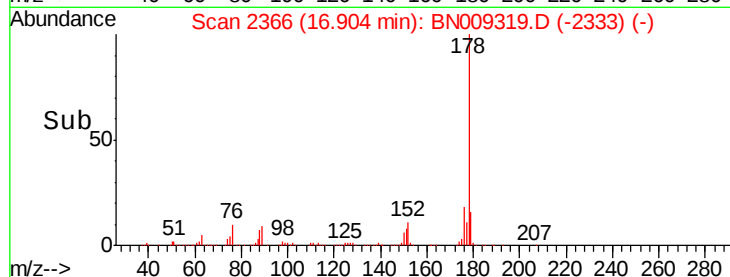
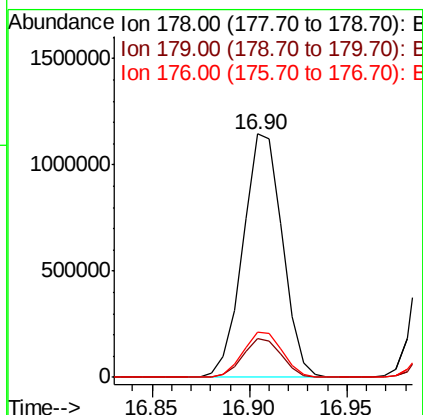
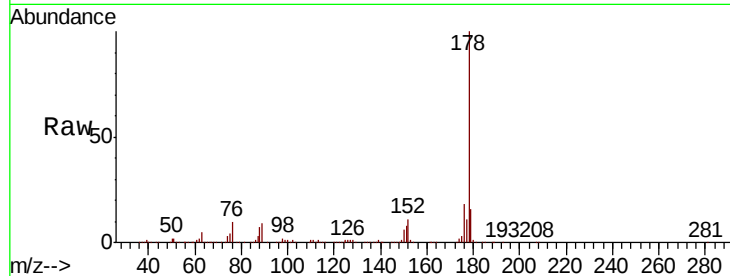
#70
Phenanthrene
Concen: 21.448 ng/ul
RT: 16.90 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampleId :
X2K75

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	18.4	15.2	22.8

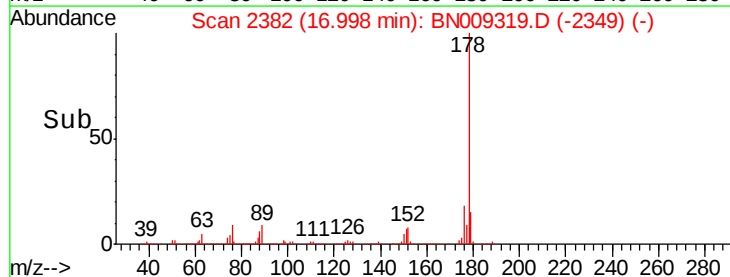
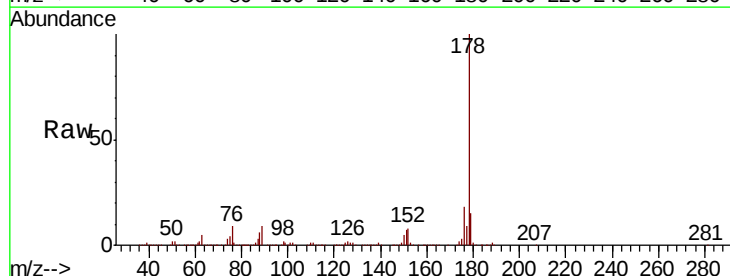
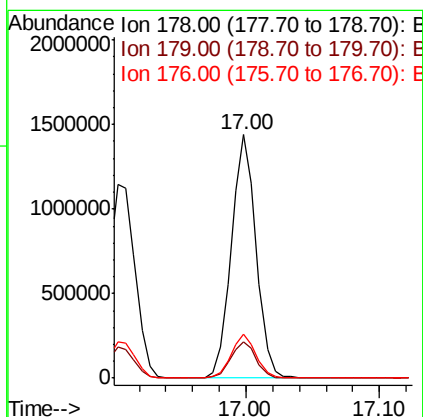
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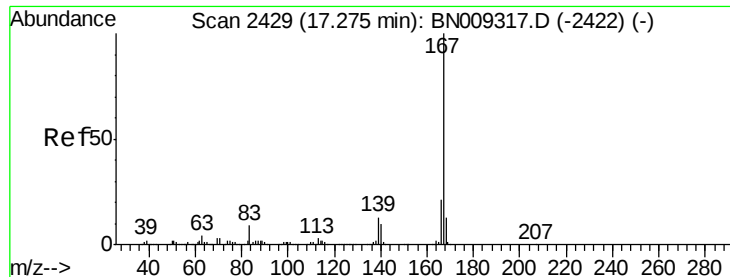
mohammad
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#72
Anthracene
Concen: 24.695 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.0	14.8	22.2





#75

Carbazole

Concen: 24.934 ng/ul

RT: 17.27 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Instrument :

BNA_N

ClientSampleId :

X2K75

Tot Ion:167 Resp: 1599832

Ion Ratio Lower Upper

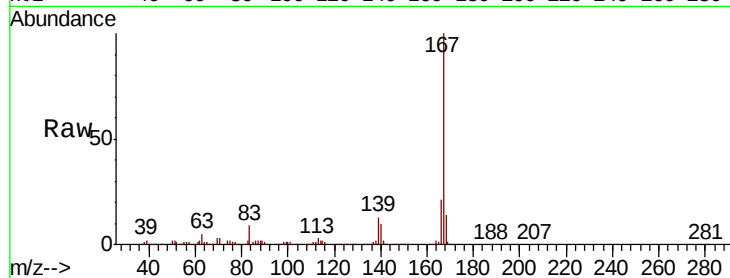
167 100

166 21.1 17.1 25.7

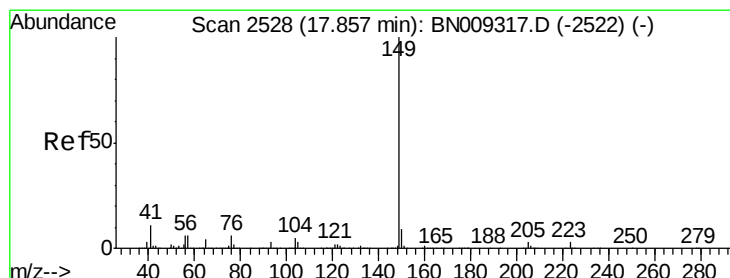
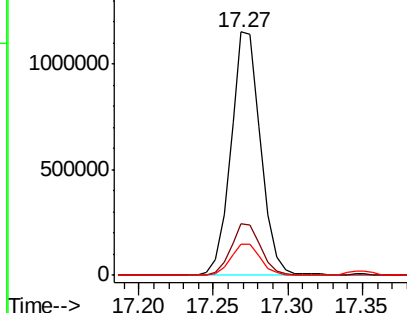
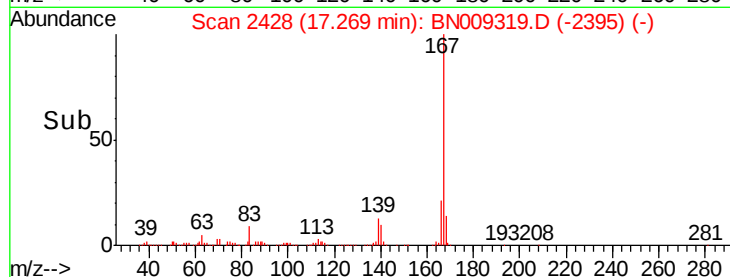
139 13.0 10.2 15.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 21.189 ng/ul

RT: 17.86 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

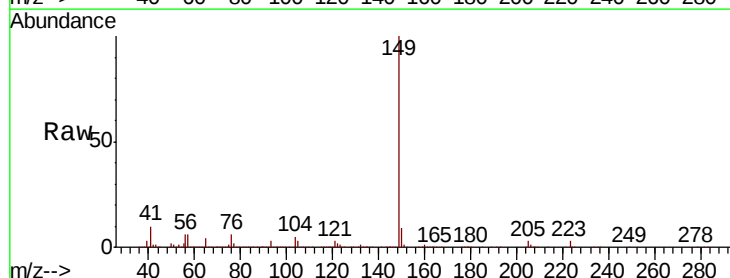
Tgt Ion:149 Resp: 1794561

Ion Ratio Lower Upper

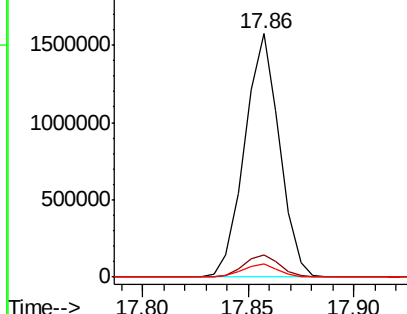
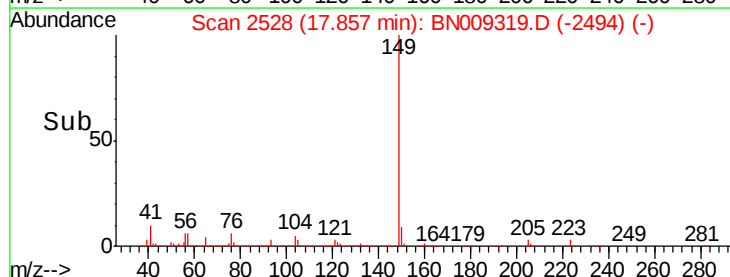
149 100

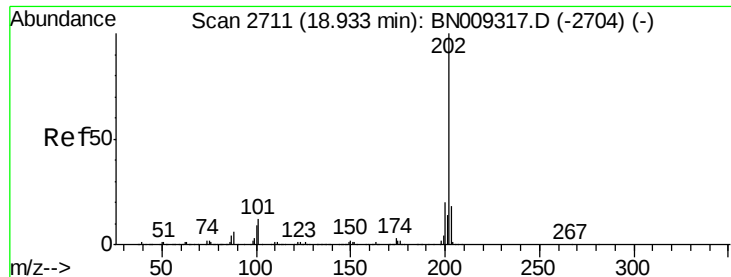
150 8.9 7.2 10.8

104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 45.657 ng/ul

RT: 18.93 min Scan# 2711

Delta R.T. -0.00 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Instrument :

BNA_N

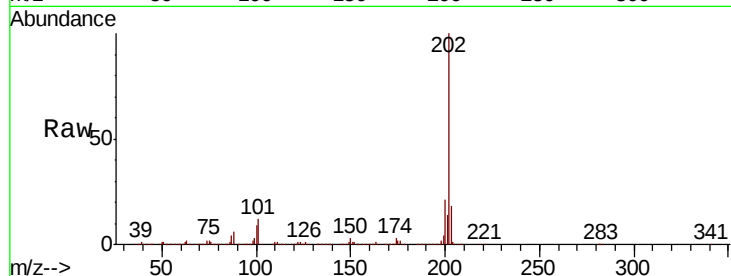
ClientSampleId :

X2K75

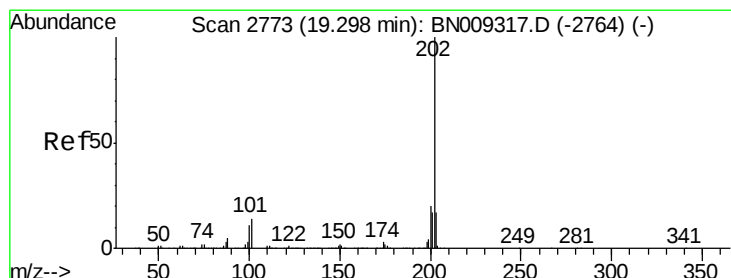
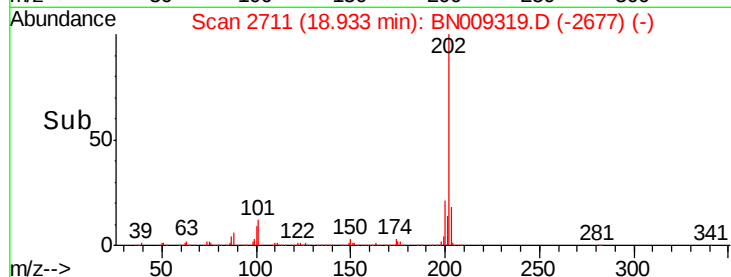
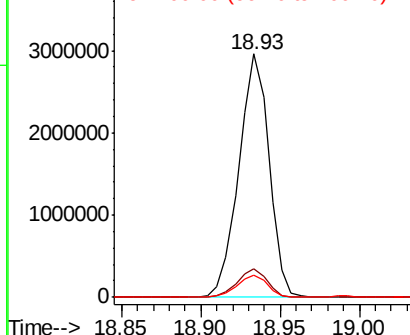
Tot Ion:	202	Resp:	3913988
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.6	14.4
100	8.9	7.1	10.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 35.373 ng/ul

RT: 19.30 min Scan# 2773

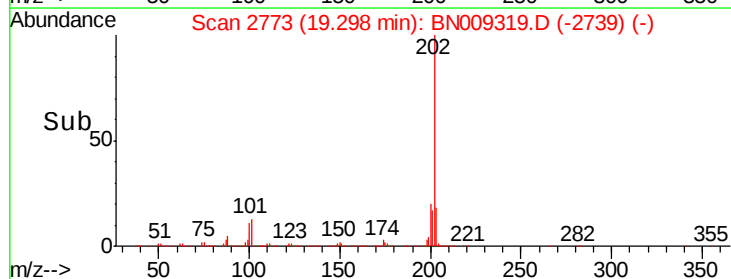
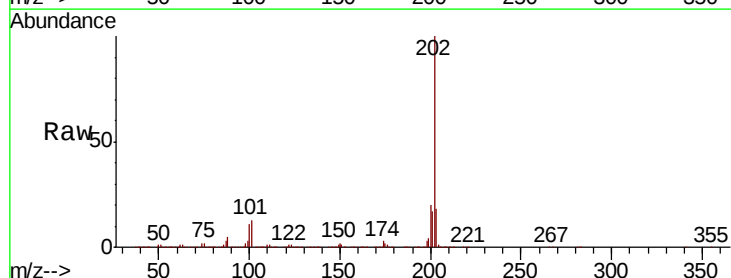
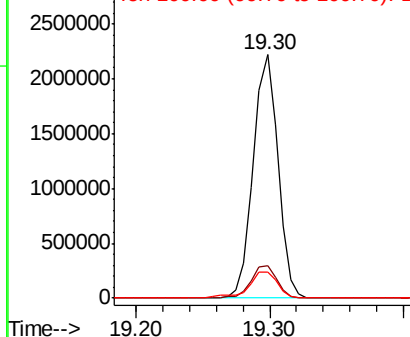
Delta R.T. -0.00 min

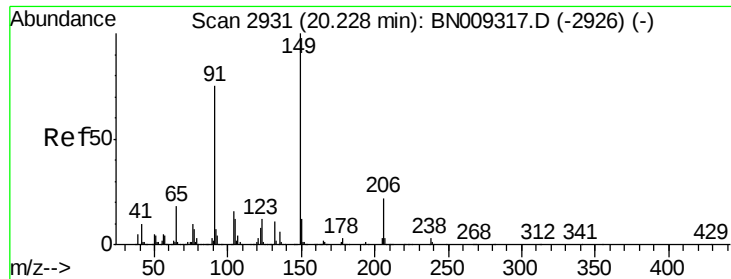
Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Tgt Ion:	202	Resp:	2820428
Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.4	15.6
100	10.8	8.6	12.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





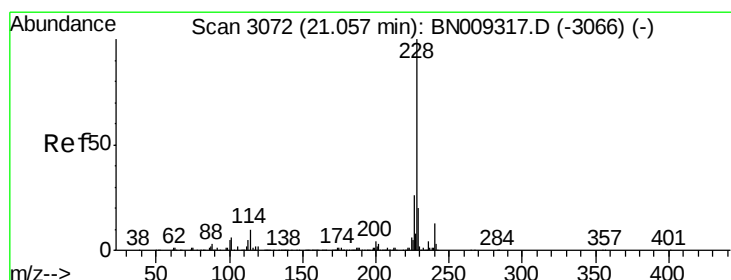
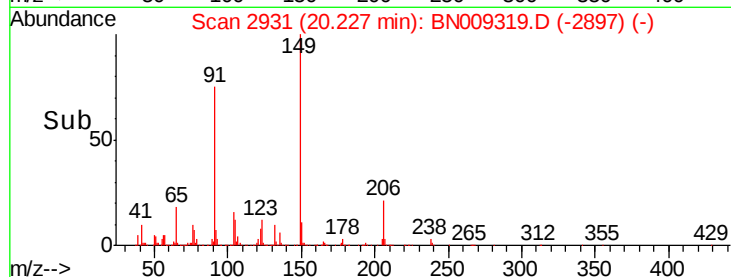
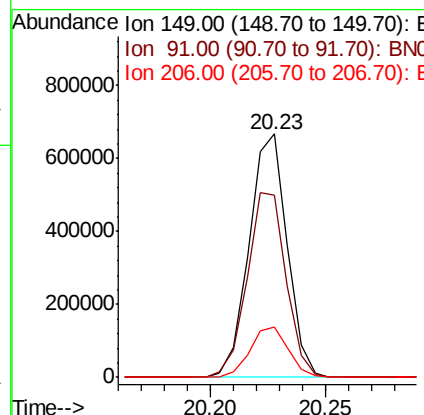
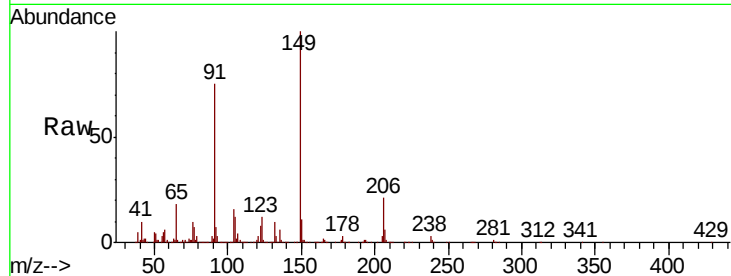
#81
Butylbenzylphthalate
Concen: 22.879 ng/ul
RT: 20.23 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampleId :
X2K75

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.9	61.9	92.9
206	20.8	16.8	25.2

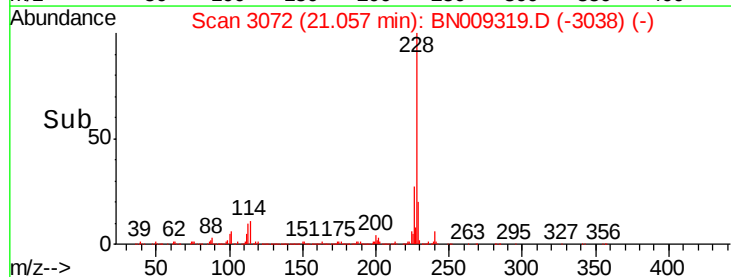
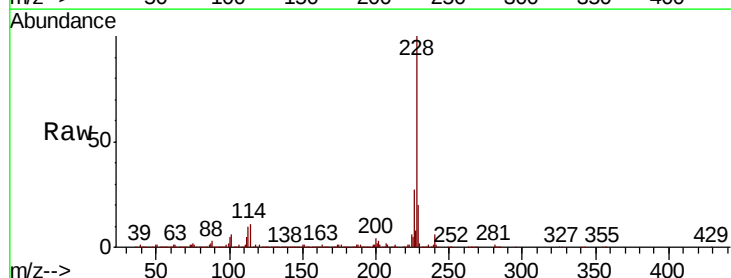
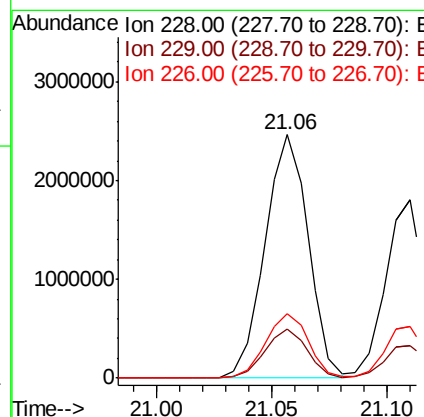
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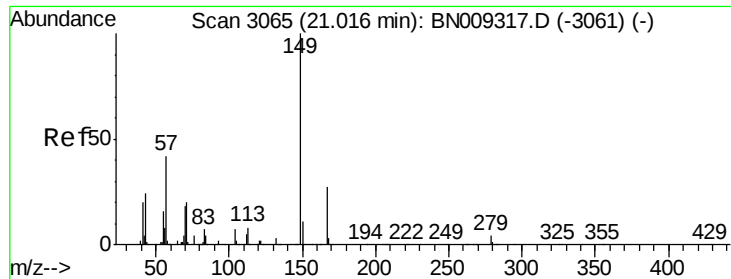
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#83
Benzo(a)anthracene
Concen: 42.439 ng/ul
RT: 21.06 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	26.5	21.5	32.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 26.709 ng/ul

RT: 21.02 min Scan# 3065

Delta R.T. 0.00 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

Instrument :

BNA_N

ClientSampleId :

X2K75

Tot Ion:149 Resp: 1347136

Ion Ratio Lower Upper

149 100

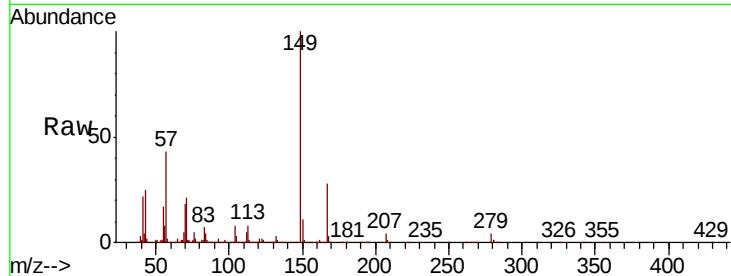
167 28.4 22.2 33.2

279 4.0 3.4 5.0

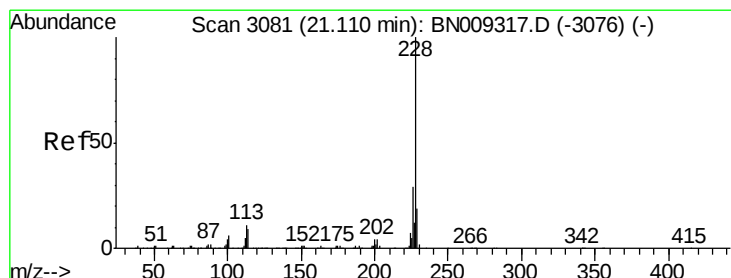
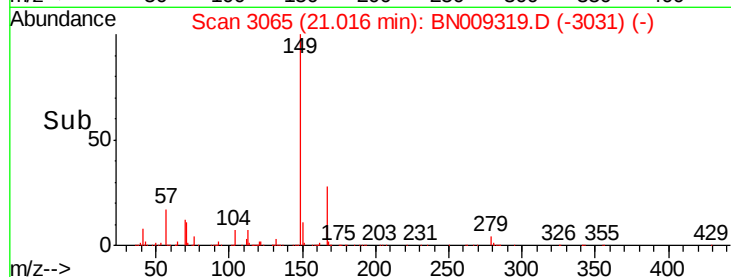
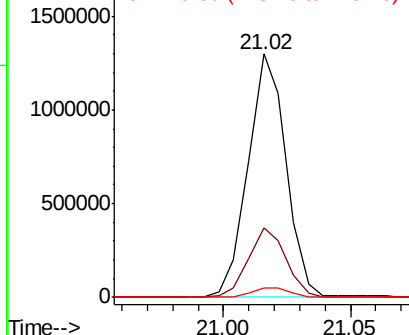
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 29.248 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN009319.D

Acq: 07 Jan 2020 13:17

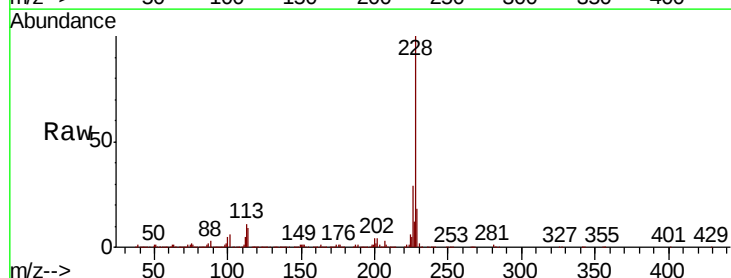
Tgt Ion:228 Resp: 2141748

Ion Ratio Lower Upper

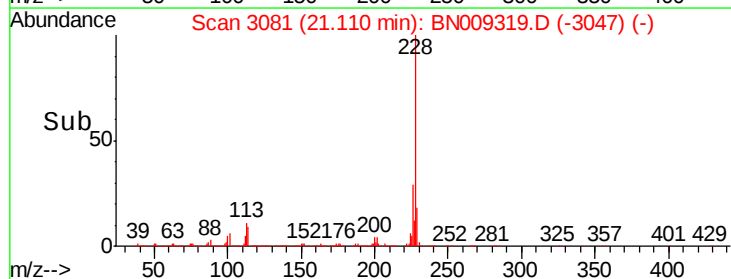
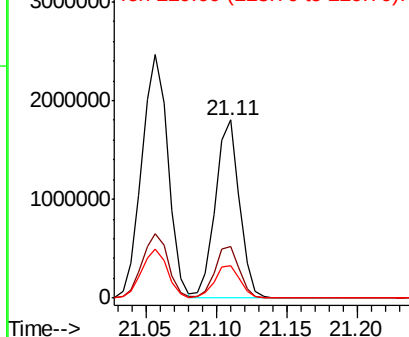
228 100

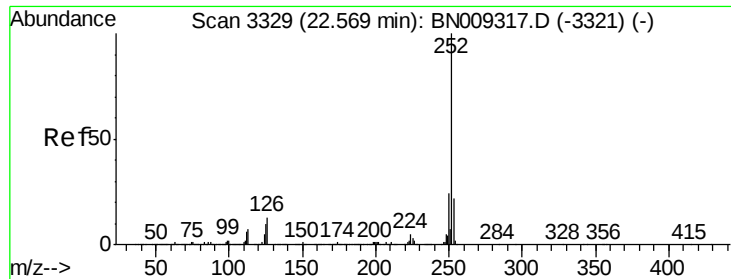
226 28.8 23.4 35.2

229 18.4 14.9 22.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





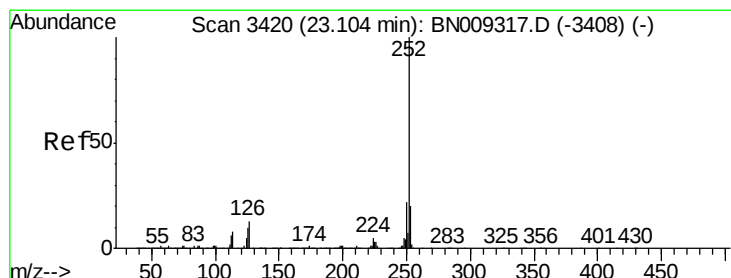
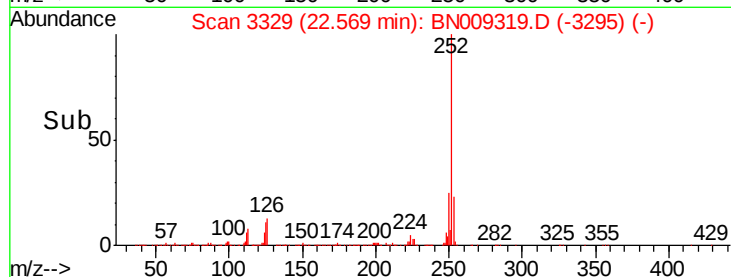
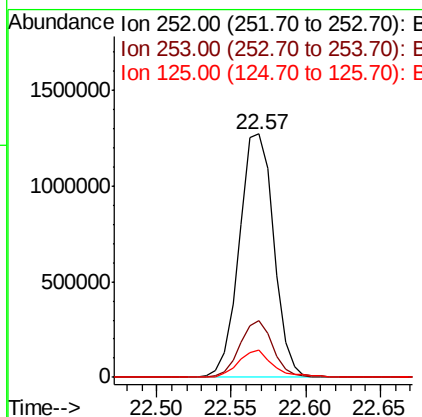
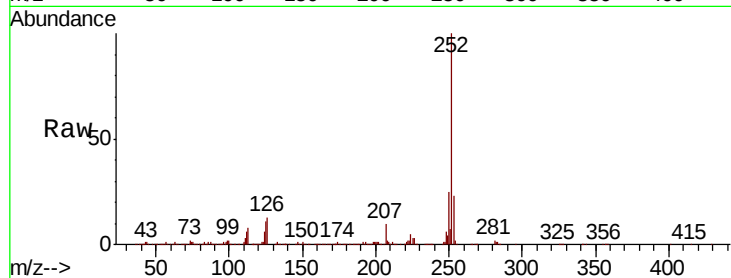
#88
Benzo(b)fluoranthene
Concen: 30.478 ng/ul
RT: 22.57 min Scan# 3329
Delta R.T. -0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampleId :
X2K75

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	11.1	8.0	12.0

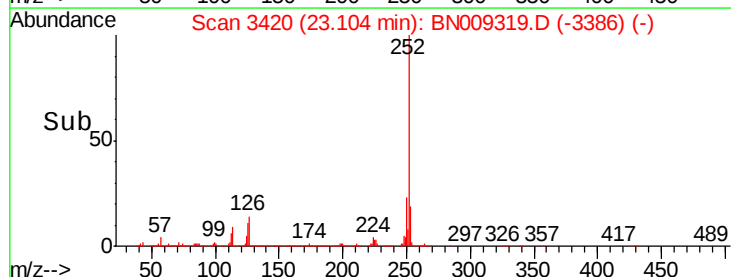
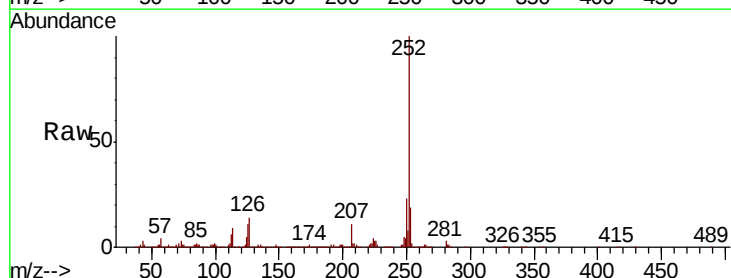
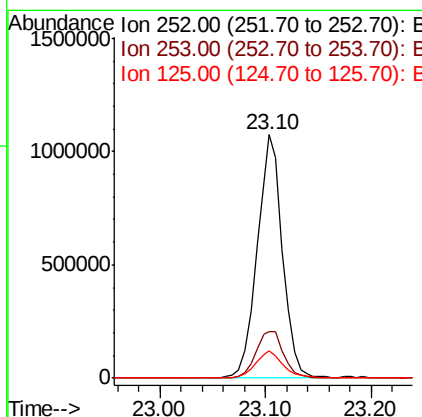
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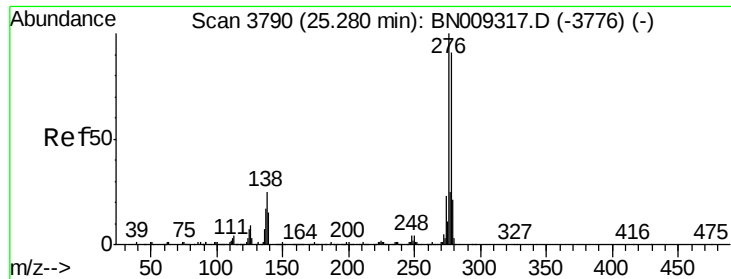
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#91
Benzo(a)pyrene
Concen: 30.101 ng/ul
RT: 23.10 min Scan# 3420
Delta R.T. -0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.2	16.5	24.7
125	11.0	9.3	13.9





#92

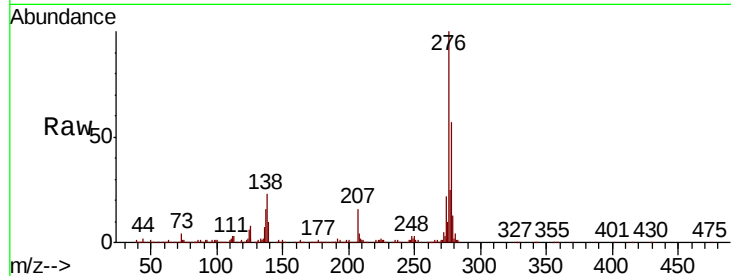
Indeno(1,2,3-cd)pyrene
Concen: 31.458 ng/ul
RT: 25.27 min Scan# 3789
Delta R.T. 0.00 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Instrument :
BNA_N
ClientSampleId :
X2K75

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.4	27.6
277	24.7	19.1	28.7

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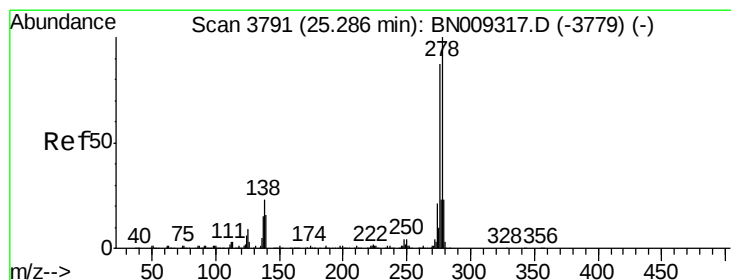
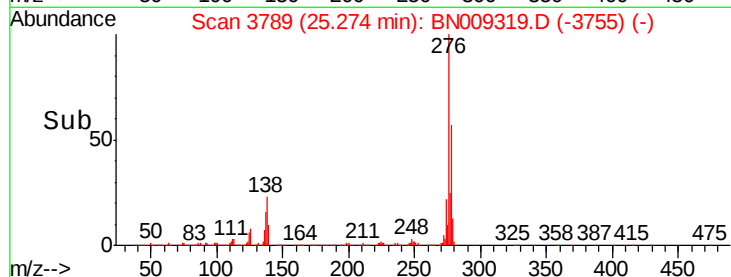
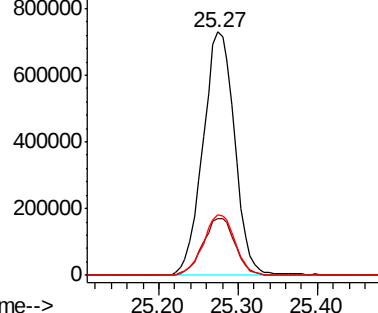


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 24.388 ng/ul
RT: 25.29 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BN009319.D
Acq: 07 Jan 2020 13:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.1	18.1
279	23.8	17.8	26.6

Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

