

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
 Data File : BN006694.D
 Acq On : 02 Jul 2019 16:19
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:56:41 PM

Quant Time: Jul 02 17:28:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 02 17:02:12 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4070	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	16110	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	8528	0.40	ng	0.00
19) Phenanthrene-d10	17.03	188	17735	0.40	ng	0.00
27) Chrysene-d12	21.26	240	15256	0.40	ng	0.00
34) Perylene-d12	23.49	264	15983	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.22	112	35328	3.54	ng	-0.02
5) Phenol-d6	6.80	99	46397	3.51	ng	-0.03
8) Nitrobenzene-d5	8.77	82	40862	3.77	ng	-0.03
11) 2-Methylnaphthalene-d10	11.99	152	77121	3.04	ng	0.00
14) 2,4,6-Tribromophenol	15.77	330	13987	3.48	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	106891	3.38	ng	-0.01
25) Fluoranthene-d10	19.07	212	157789	3.03	ng	0.00
29) Terphenyl-d14	19.67	244	109898	3.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	18797	3.337	ng	# 92
3) n-Nitrosodimethylamine	3.47	42	17410	3.933	ng	# 96
6) bis(2-Chloroethyl)ether	7.04	93	41936	3.558	ng	96
9) Naphthalene	10.44	128	133982	3.165	ng	98
10) Hexachlorobutadiene	10.72	225	27188	3.125	ng	# 100
12) 2-Methylnaphthalene	12.06	142	90095	3.079	ng	99
16) Acenaphthylene	13.98	152	142837	3.513	ng	100
17) Acenaphthene	14.32	154	86622	3.234	ng	99
18) Fluorene	15.32	166	108017	3.196	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	34726	3.534	ng	# 86
21) Hexachlorobenzene	16.33	284	39935	3.216	ng	99
22) Pentachlorophenol	16.71	266	7445m	3.760	ng	
23) Phenanthrene	17.07	178	163805	3.248	ng	99
24) Anthracene	17.15	178	156051	3.566	ng	100
26) Fluoranthene	19.10	202	186606	3.045	ng	100
28) Pyrene	19.47	202	189551	3.551	ng	100
30) Benzo(a)anthracene	21.24	228	171367	3.436	ng	99
31) Chrysene	21.29	228	168545	3.135	ng	100
32) Bis(2-ethylhexyl)phthalate	21.16	149	120990	4.820	ng	99
33) Indeno(1,2,3-cd)pyrene	25.72	276	197028	3.620	ng	99
35) Benzo(b)fluoranthene	22.82	252	169085	3.110	ng	# 92
36) Benzo(k)fluoranthene	22.86	252	177313	3.059	ng	# 92
37) Benzo(a)pyrene	23.39	252	161984	3.187	ng	# 90
38) Dibenzo(a,h)anthracene	25.72	278	158603	3.572	ng	94
39) Benzo(g,h,i)perylene	26.40	276	161510	3.644	ng	95

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

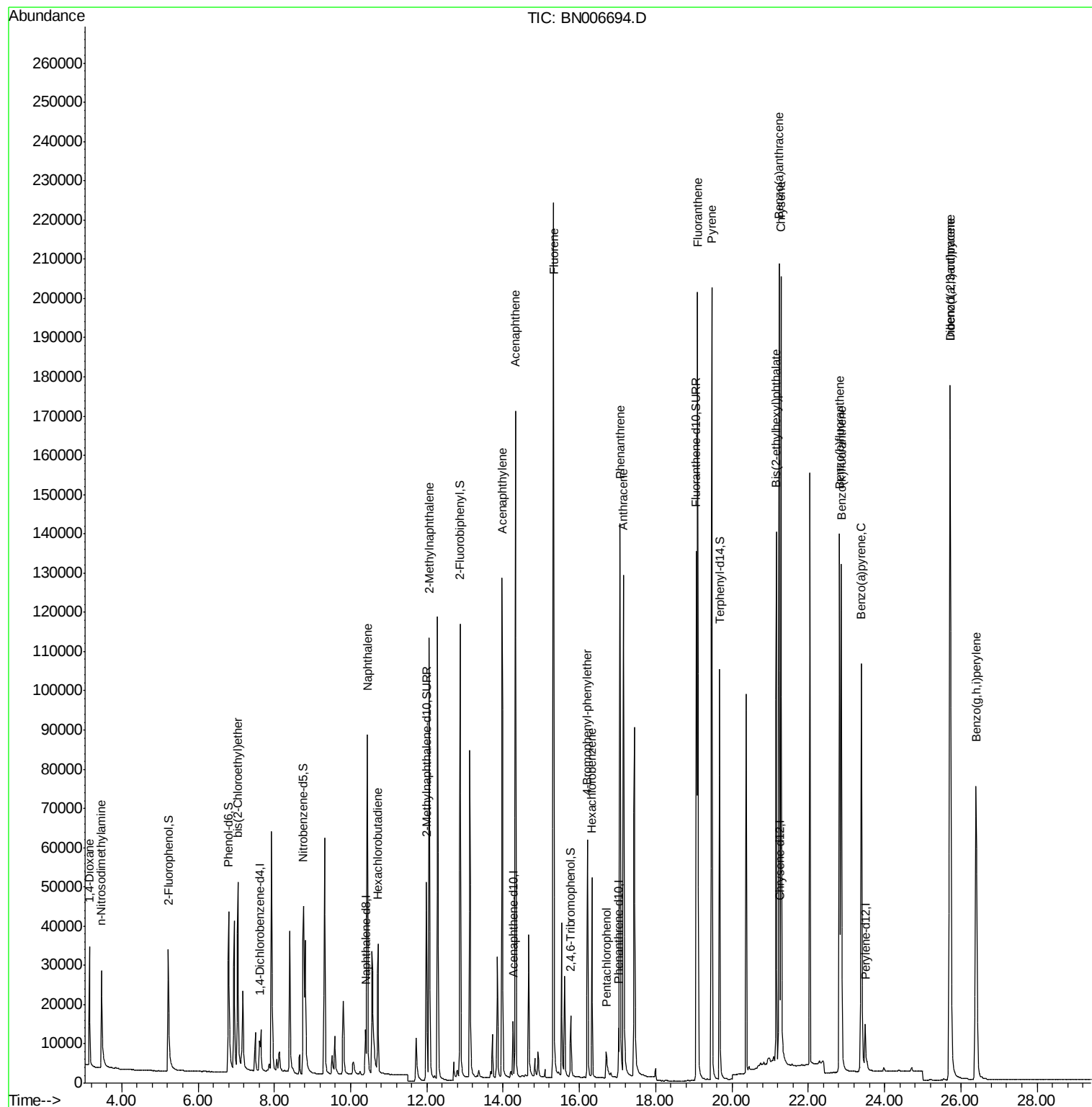
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070219\
Data File : BN006694.D
Acq On : 02 Jul 2019 16:19
Operator : HP/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

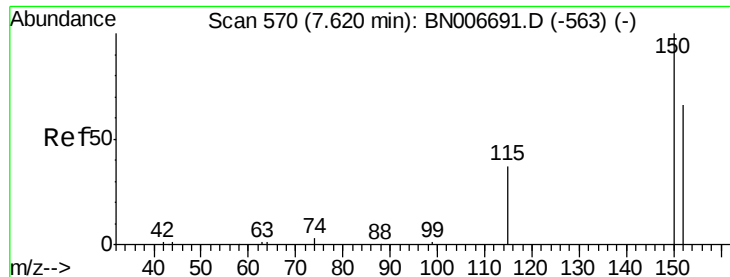
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

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7/3/2019 10:56:41 PM

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

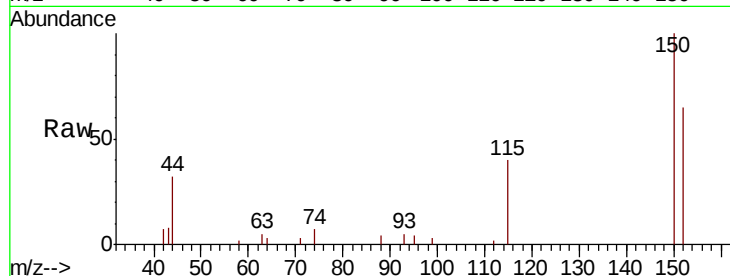
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	120.6	181.0
115	61.1	51.0	76.6

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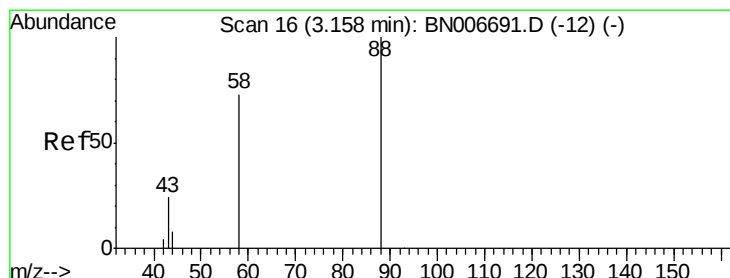
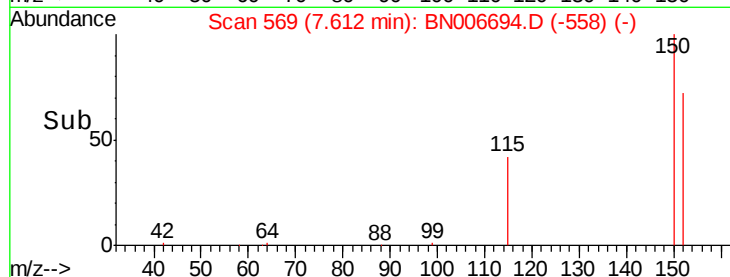
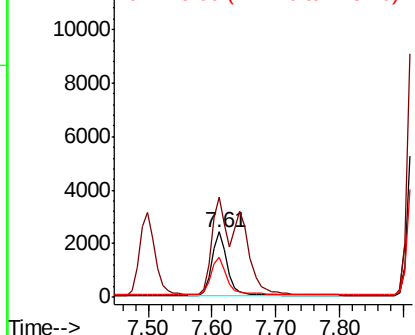


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

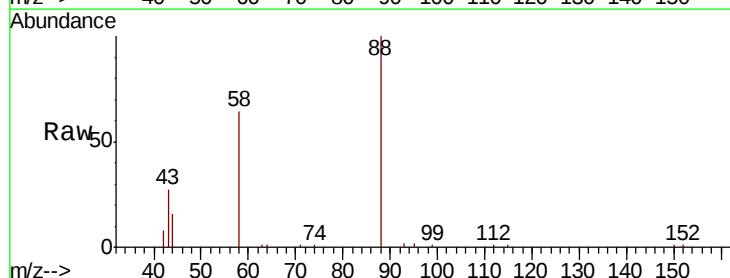
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 3.337 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.00 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	61.1	91.7
43	30.5	32.4	48.6

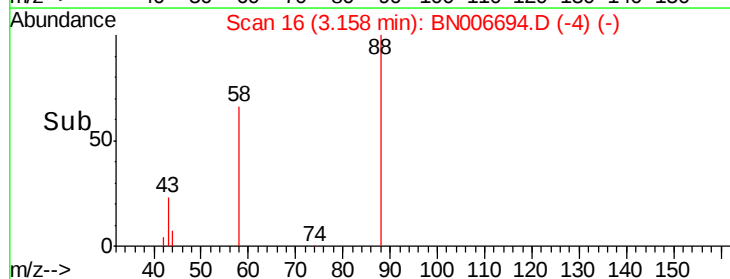
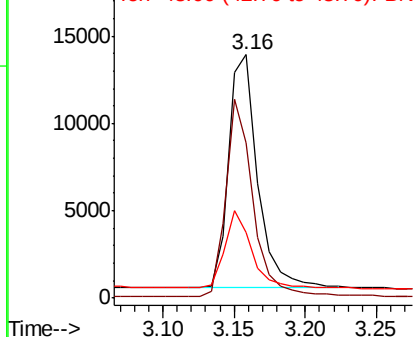


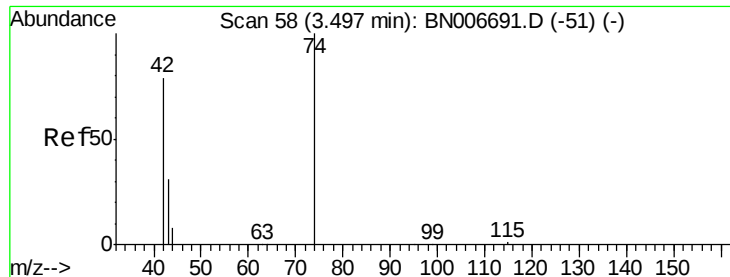
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

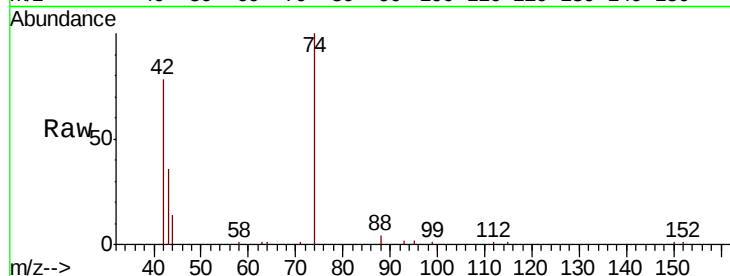
n-Nitrosodimethylamine
 Concen: 3.933 ng
 RT: 3.47 min Scan# 55
 Delta R.T. -0.02 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
42	100		
74	129.2	106.6	160.0
44	7.5	8.0	12.0

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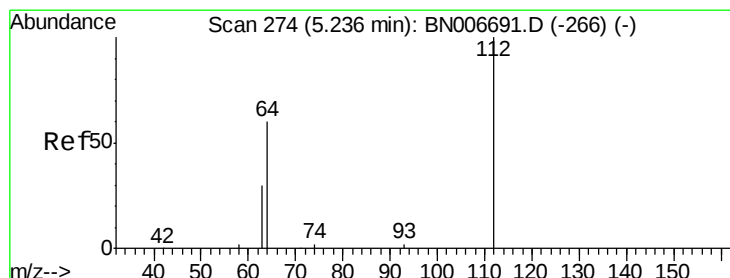
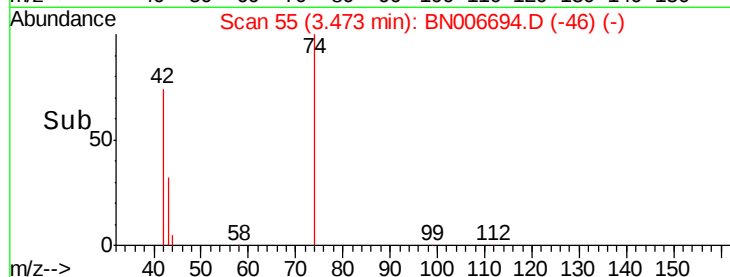
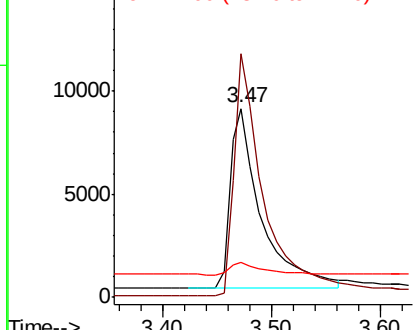


Abundance

Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

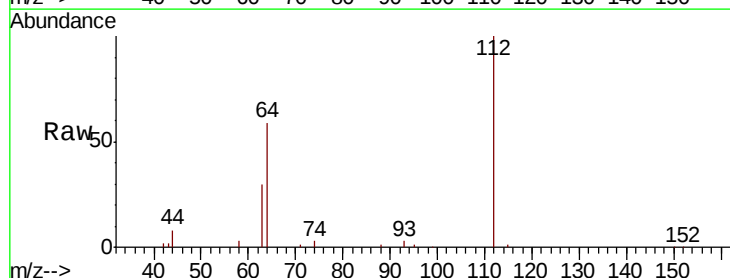
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol
 Concen: 3.539 ng
 RT: 5.22 min Scan# 272
 Delta R.T. -0.02 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.8	74.6
63	30.7	25.8	38.6

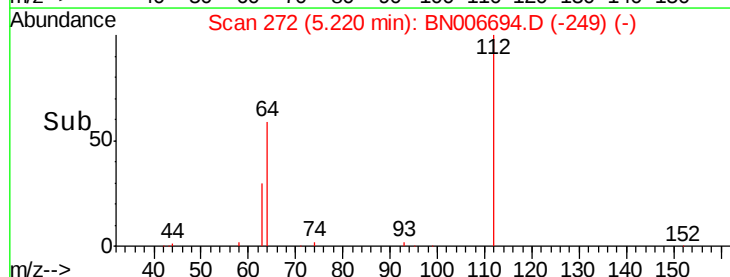
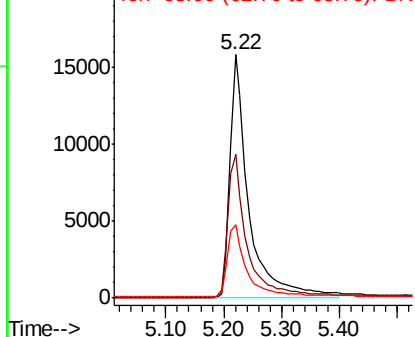


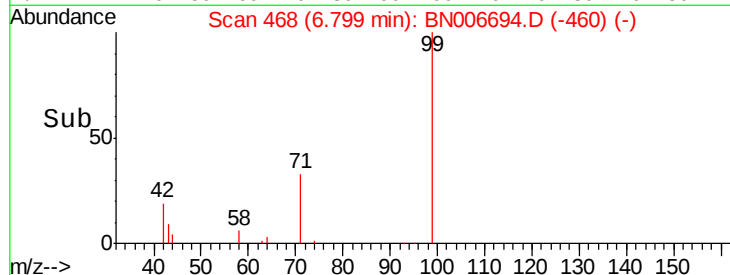
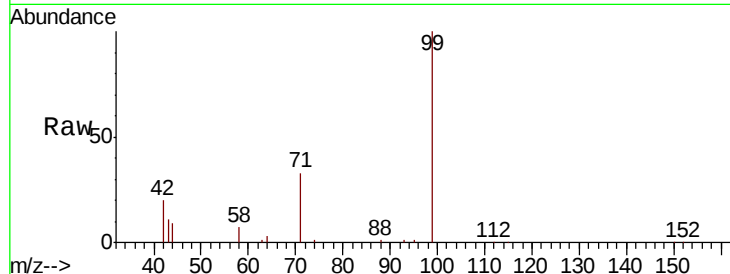
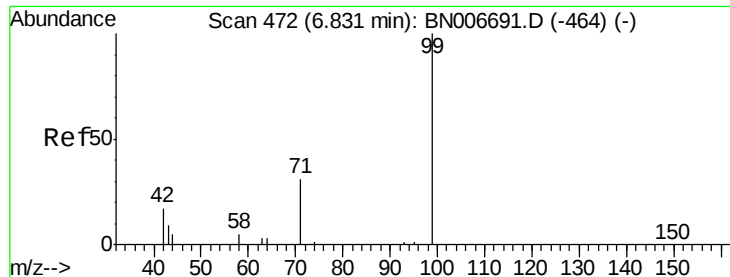
Abundance

Ion 112.00 (111.70 to 112.70): BN0

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 3.511 ng

RT: 6.80 min Scan# 468

Delta R.T. -0.03 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Tot Ion:	99	Resp:	46397
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.6	25.0
71	32.5	26.0	39.0

Instrument :

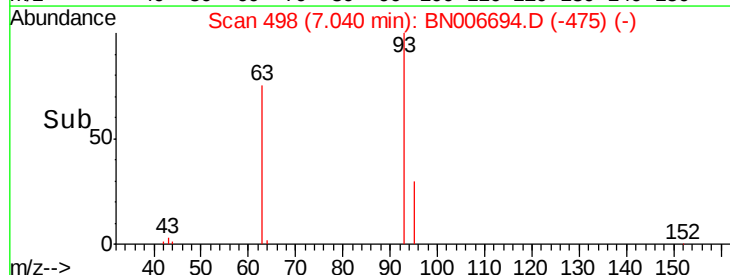
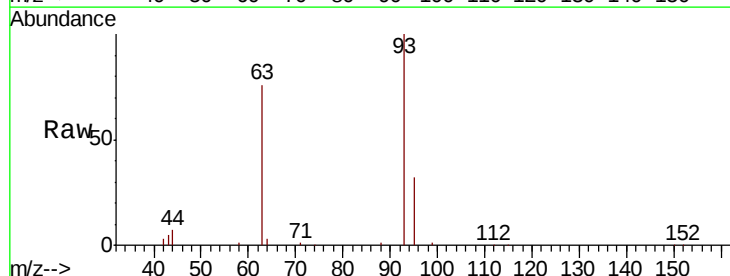
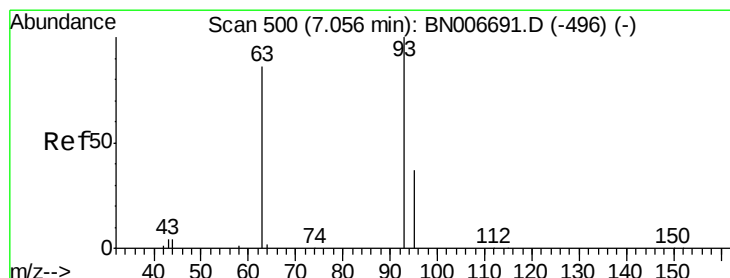
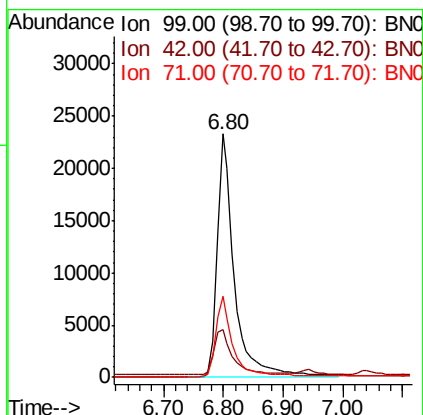
BNA_N

ClientSampleId :

SSTDICC3.2

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#6

bis(2-Chloroethyl)ether

Concen: 3.558 ng

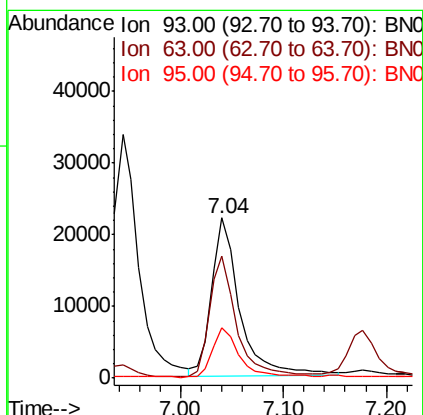
RT: 7.04 min Scan# 498

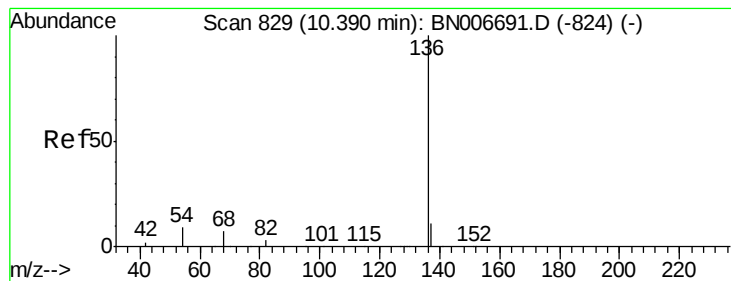
Delta R.T. -0.02 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Tgt Ion:	93	Resp:	41936
Ion	Ratio	Lower	Upper
93	100		
63	72.1	58.6	87.8
95	30.2	28.3	42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 829

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

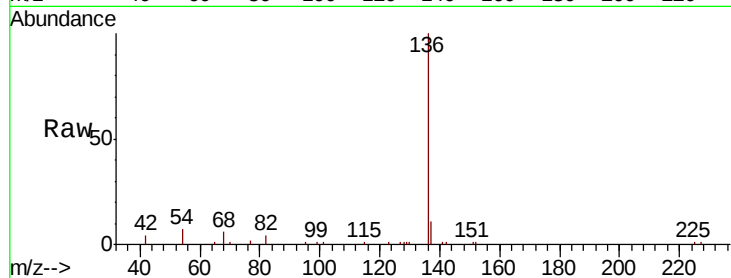
ClientSampleId :

SSTDICC3.2

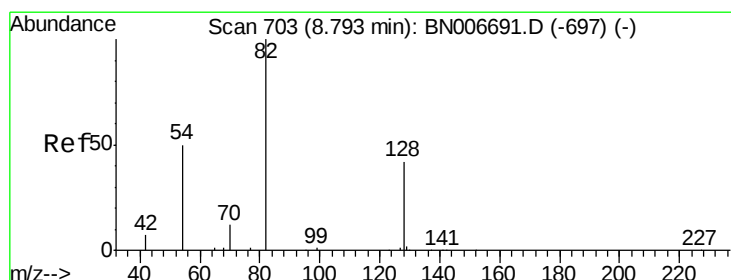
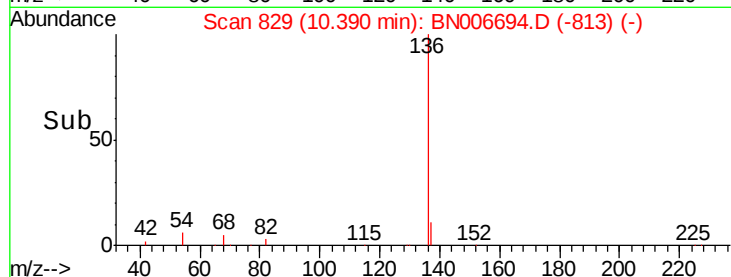
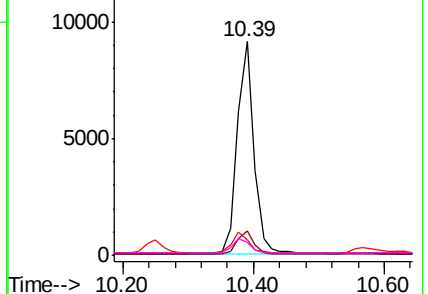
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.4	8.4	12.6
68	6.0	6.8	10.2

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 3.772 ng

RT: 8.77 min Scan# 701

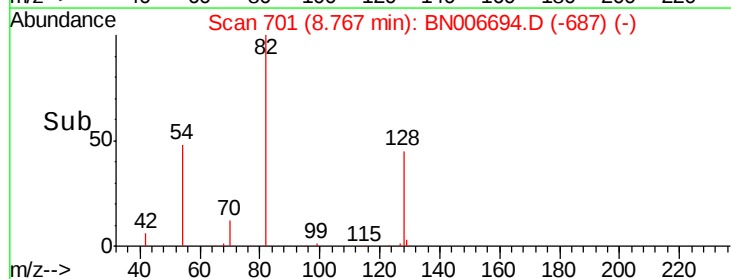
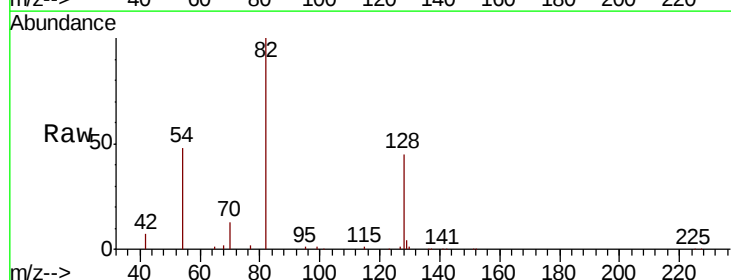
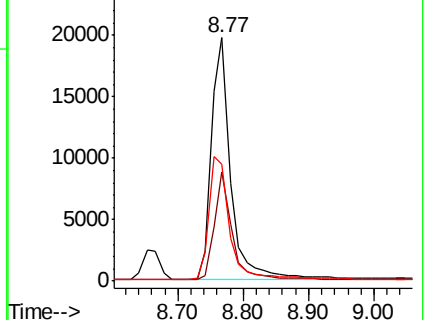
Delta R.T. -0.03 min

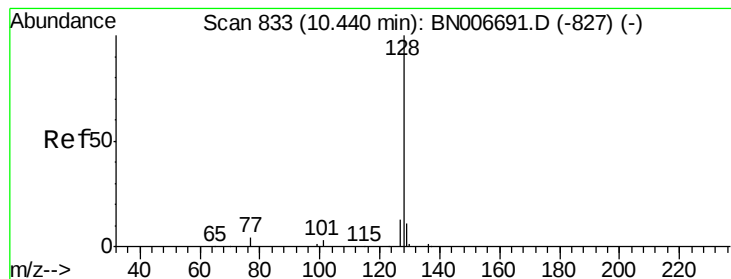
Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.9	36.1	54.1
54	48.0	44.5	66.7

Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.165 ng

RT: 10.44 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

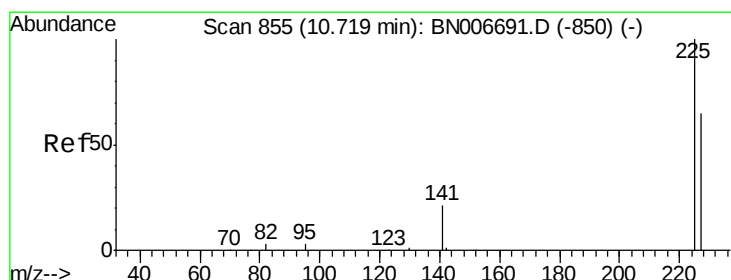
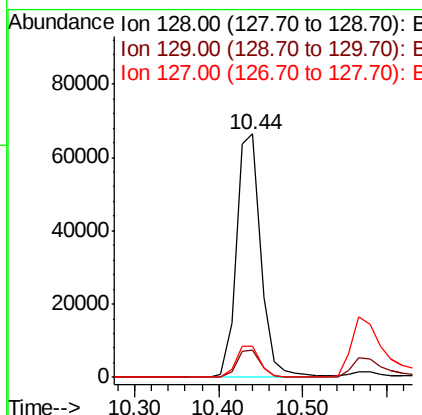
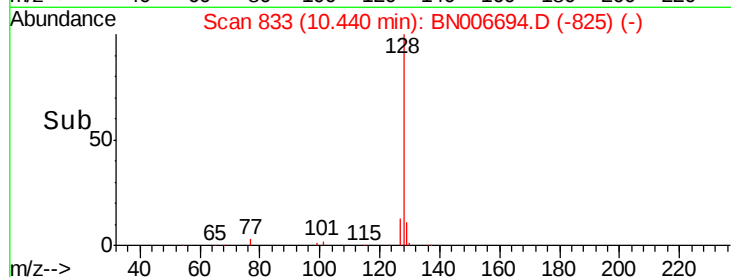
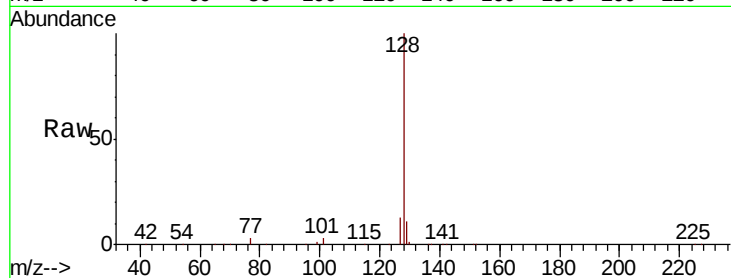
ClientSampleId :

SSTDICC3.2

Tot Ion:	128	Resp:	133982
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.6	14.4
127	12.7	11.0	16.4

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#10

Hexachlorobutadiene

Concen: 3.125 ng

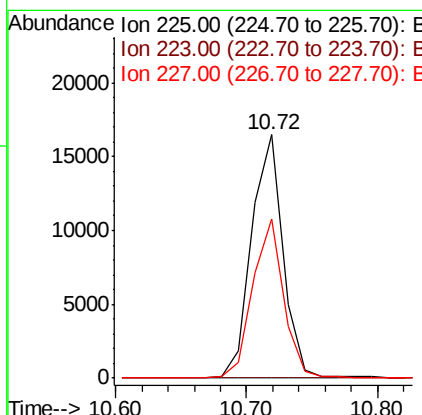
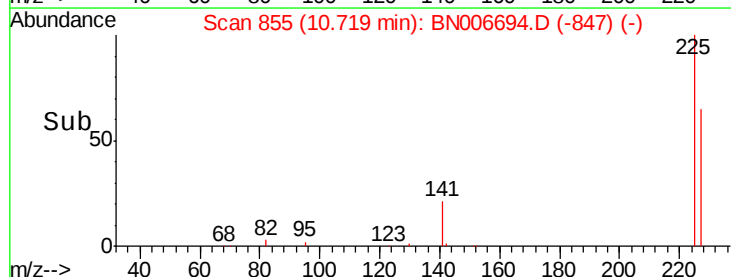
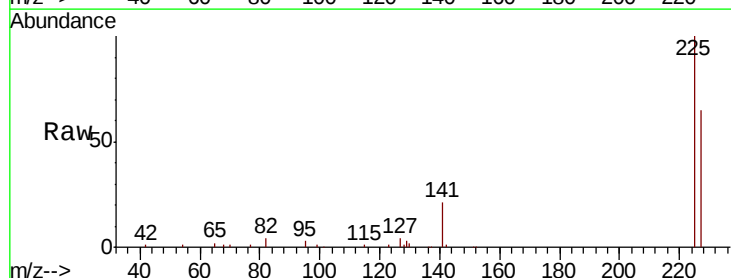
RT: 10.72 min Scan# 855

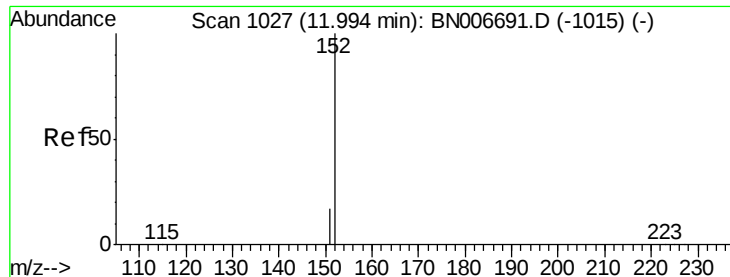
Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Tgt Ion:	225	Resp:	27188
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3





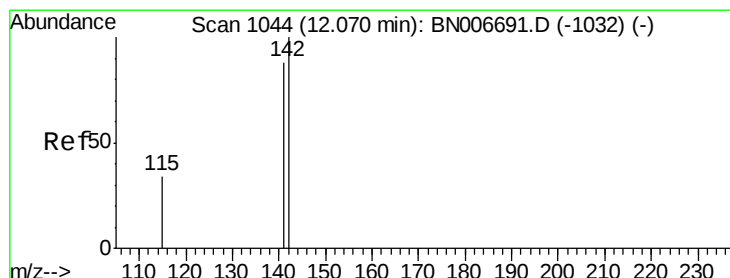
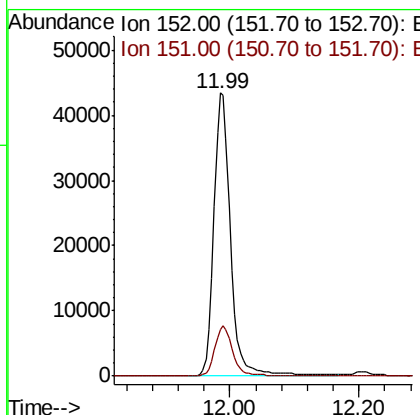
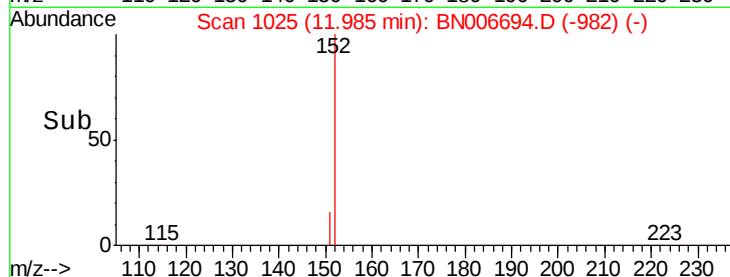
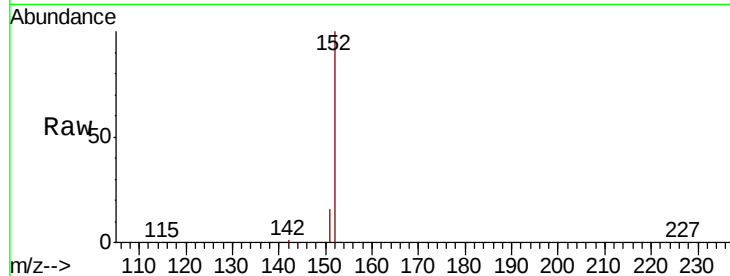
#11
2-Methylnaphthalene-d10
Concen: 3.039 ng
RT: 11.99 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	14.9	22.3

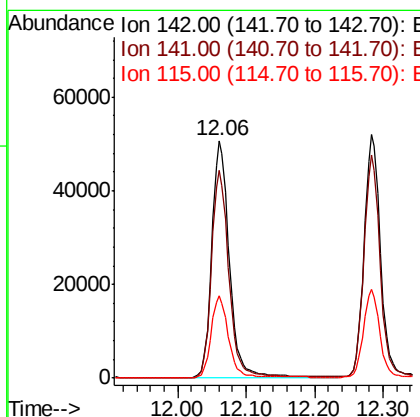
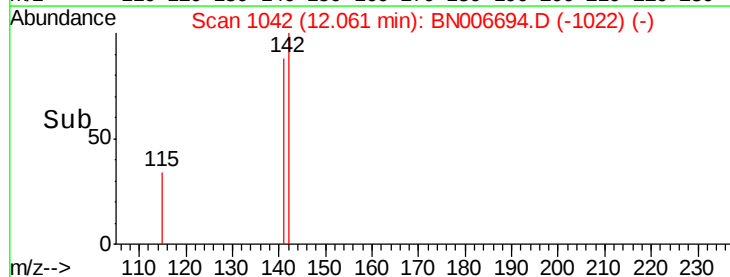
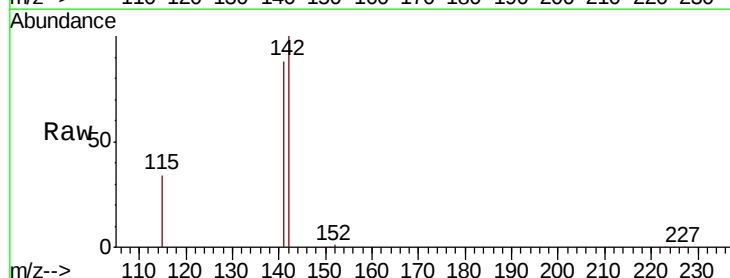
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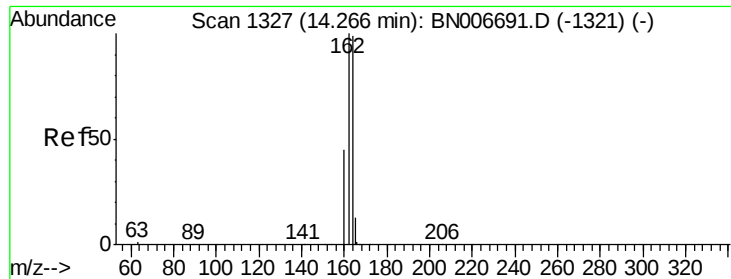
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#12
2-Methylnaphthalene
Concen: 3.079 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5
115	34.4	28.9	43.3





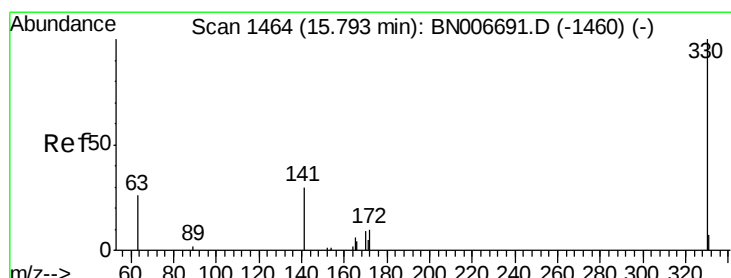
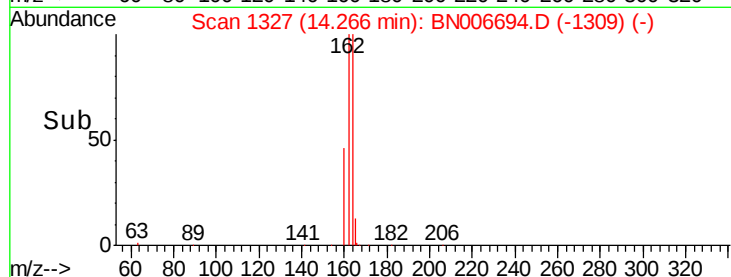
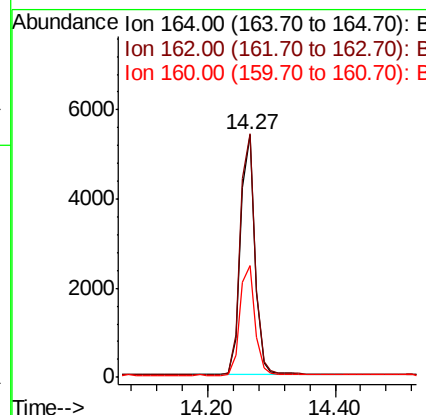
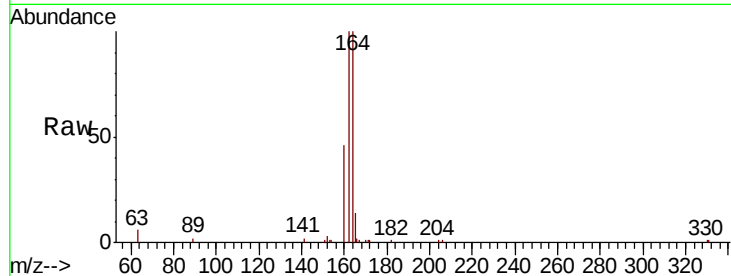
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.8	121.2
160	46.3	37.0	55.6

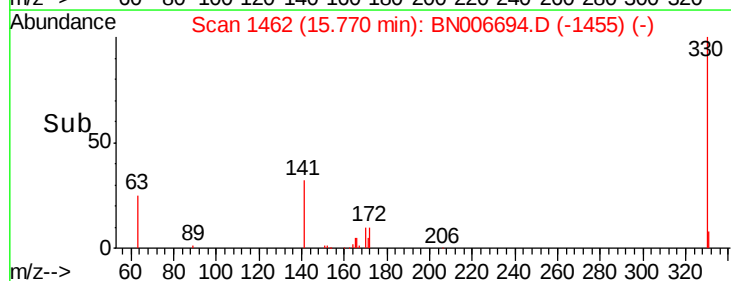
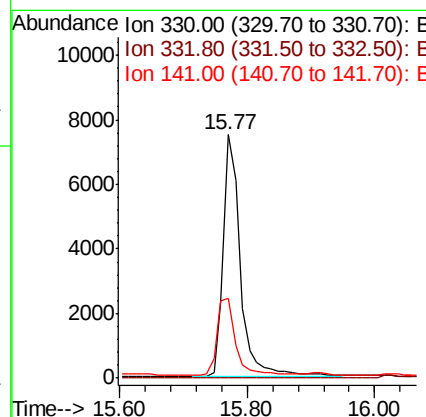
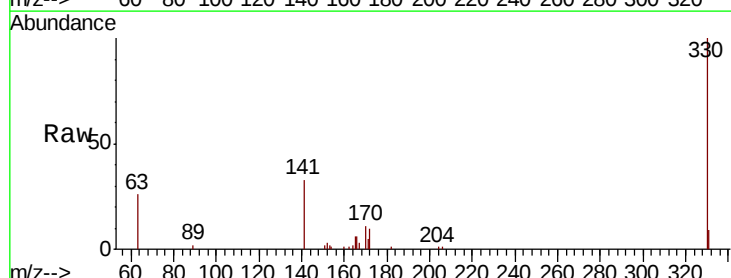
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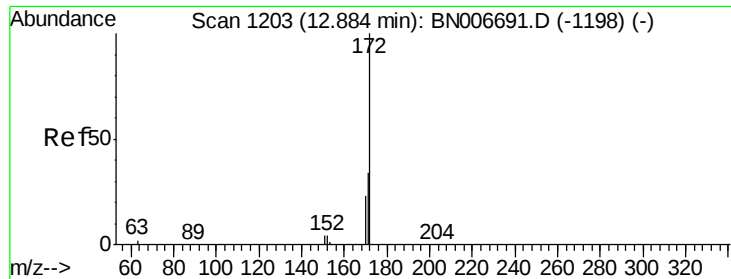
mohammad
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#14
2,4,6-Tribromophenol
Concen: 3.483 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.2	24.8	37.2





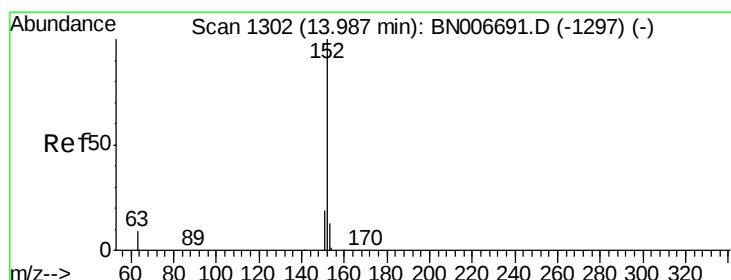
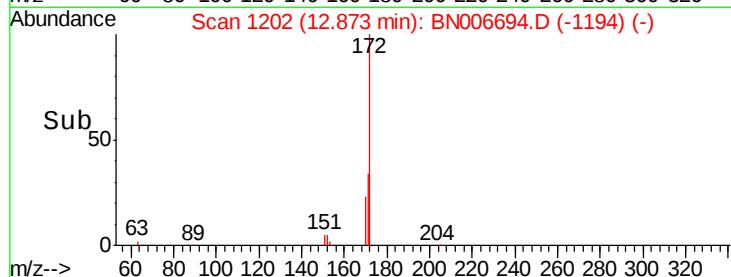
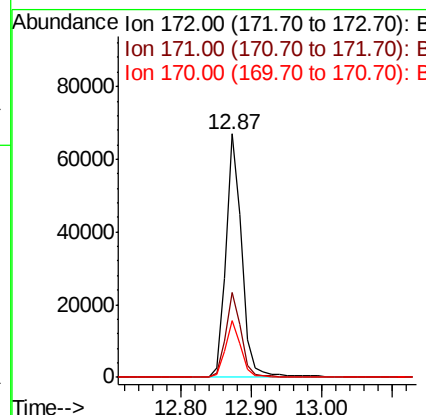
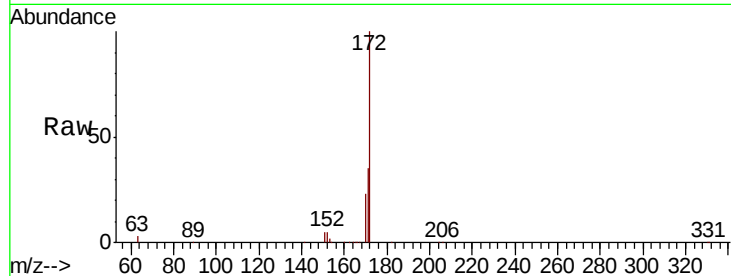
#15
2-Fluorobiphenyl
Concen: 3.383 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.9	28.3

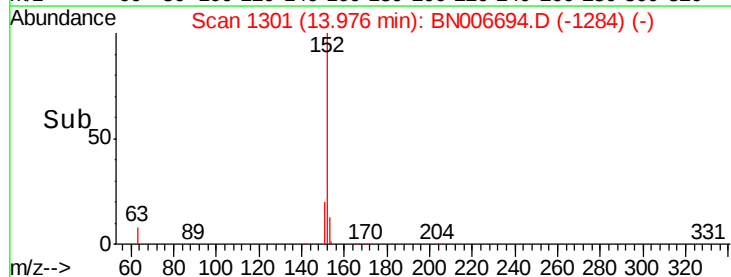
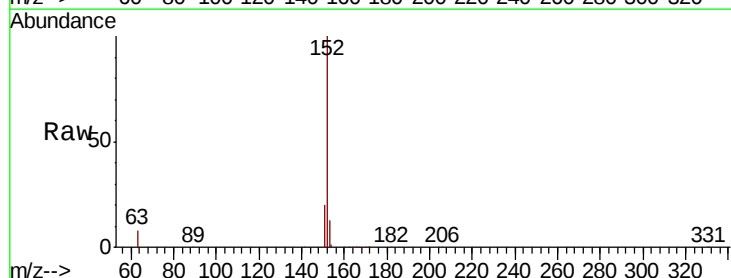
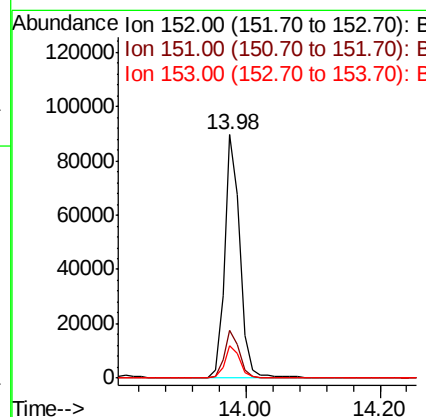
Manual Integrations
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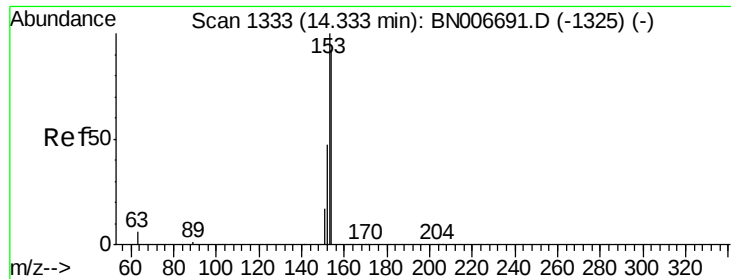
mohammad
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#16
Acenaphthylene
Concen: 3.513 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.6	15.8





#17

Acenaphthene

Concen: 3.234 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

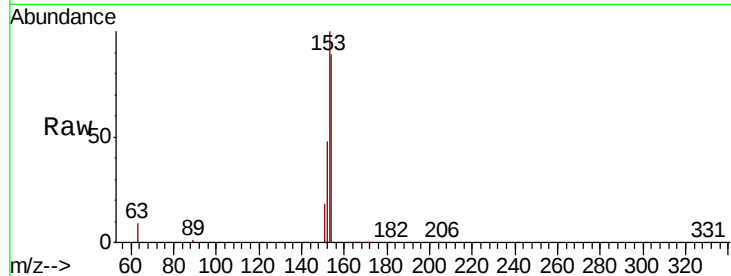
ClientSampleId :

SSTDICC3.2

Tot Ion:	154	Resp:	86622
Ion Ratio	Lower	Upper	
154	100		
153	112.1	88.9	133.3
152	53.9	42.8	64.2

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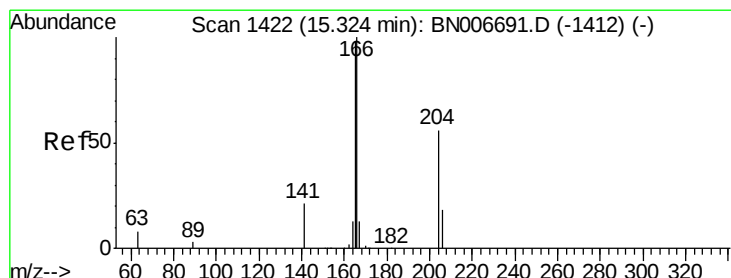
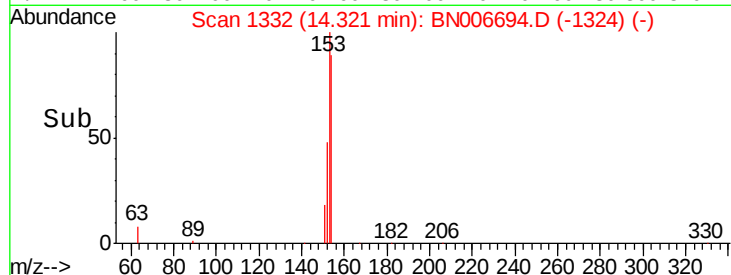
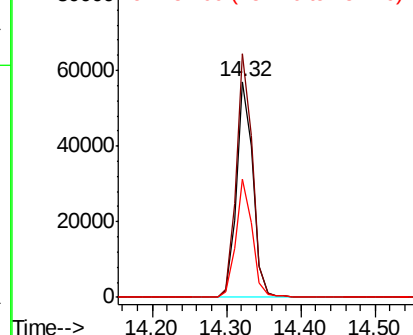


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 3.196 ng

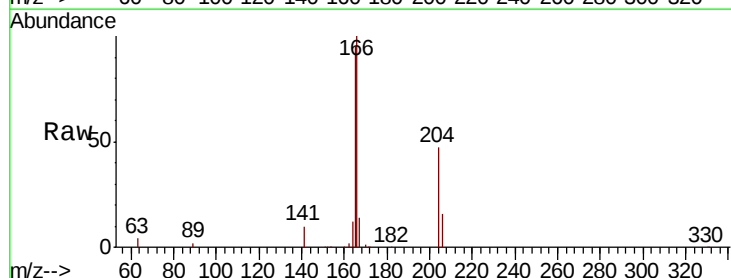
RT: 15.32 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Tgt Ion:	166	Resp:	108017
Ion Ratio	Lower	Upper	
166	100		
165	97.5	78.0	117.0
167	13.4	10.7	16.1

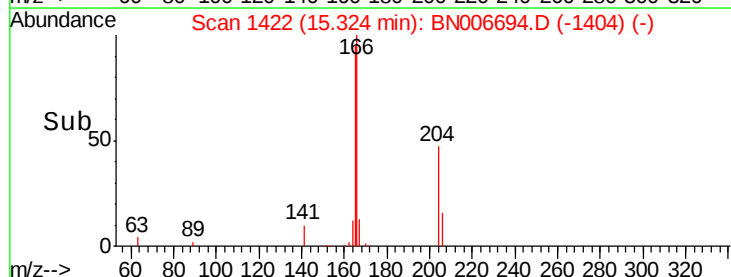
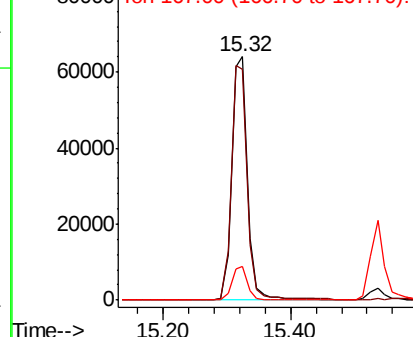


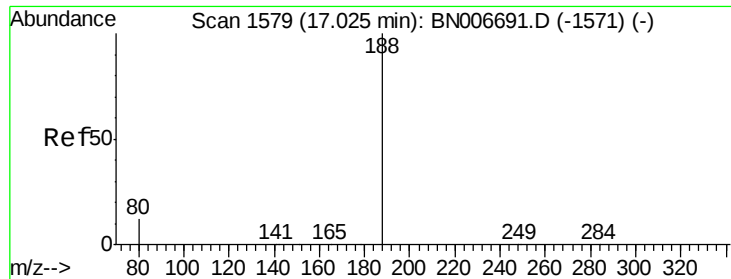
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





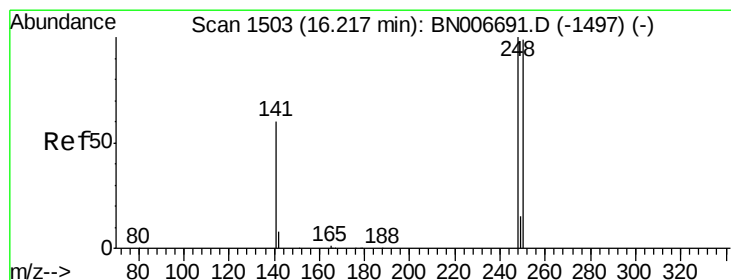
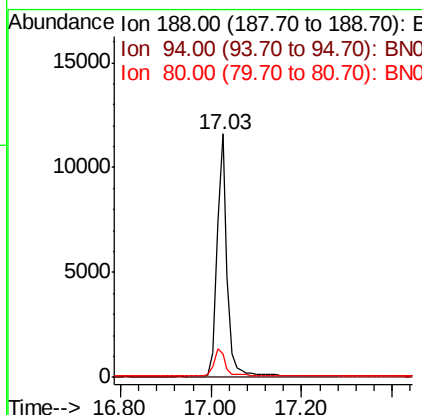
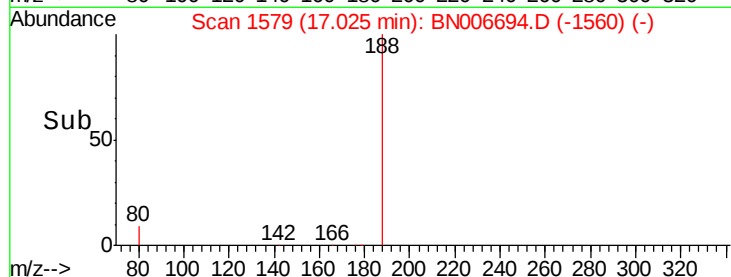
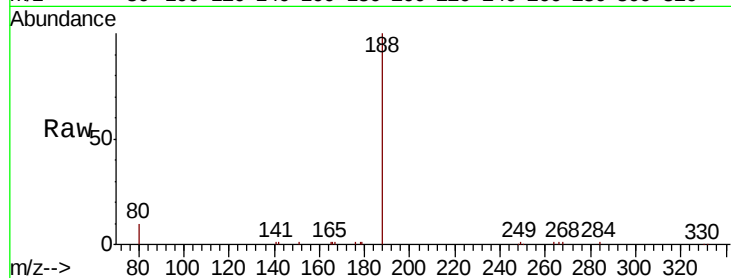
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	10.3	15.5#

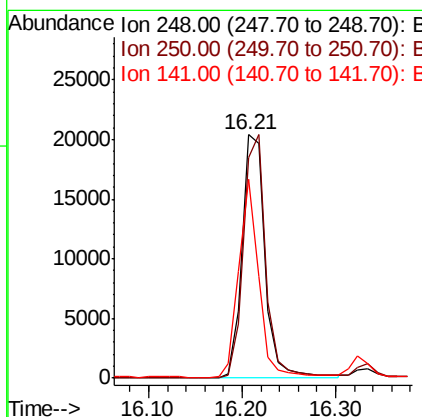
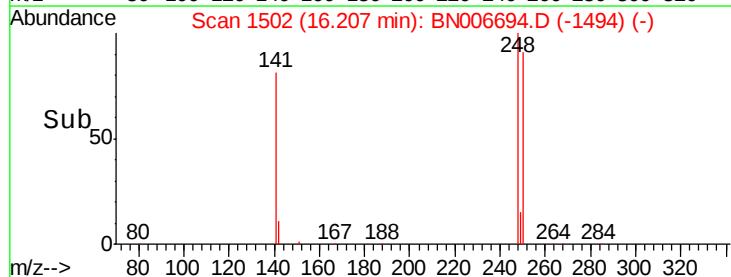
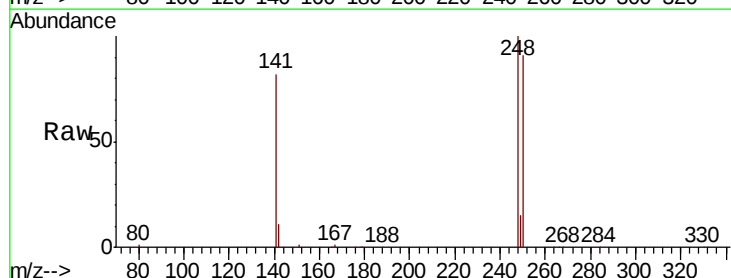
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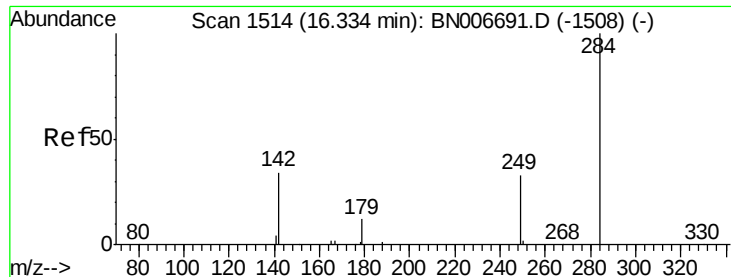
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#20
4-Bromophenyl-phenylether
Concen: 3.534 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	90.9	79.0	118.6
141	81.6	50.2	75.4#





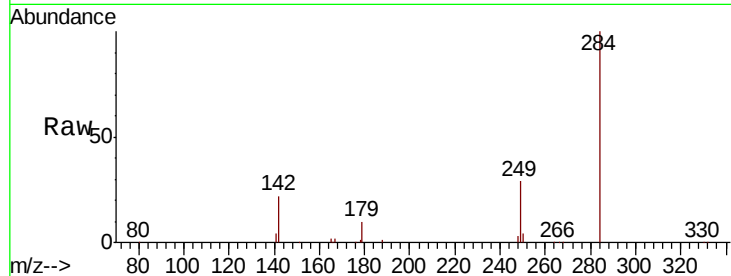
#21
Hexachlorobenzene
Concen: 3.216 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.9	40.3
249	30.7	24.4	36.6

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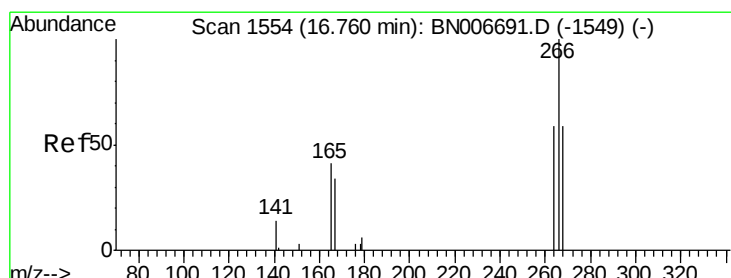
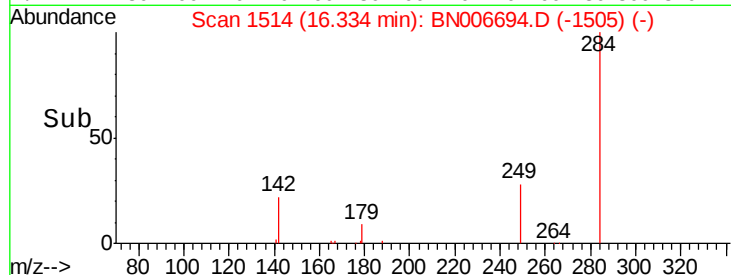
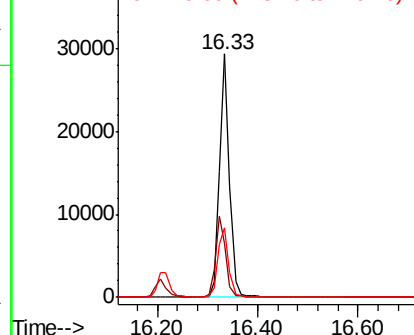


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 3.760 ng m
RT: 16.71 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

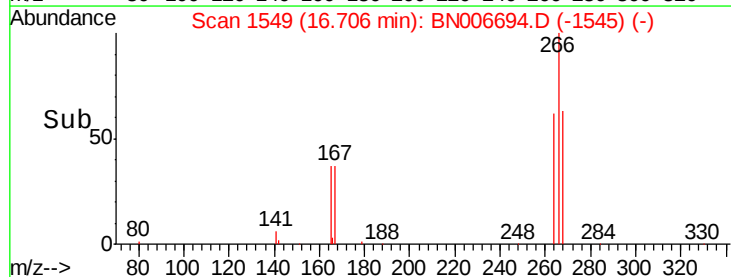
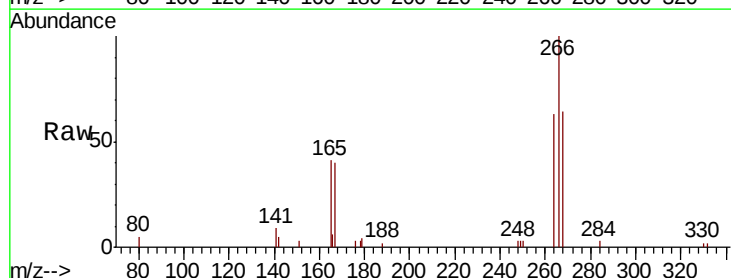
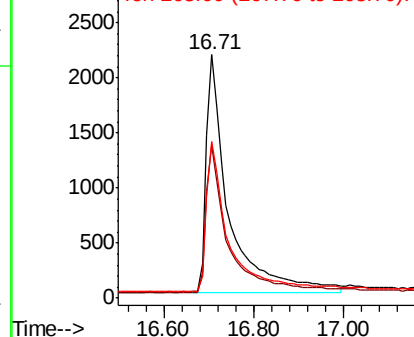
Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	57.6	86.4
268	64.3	66.6	99.8

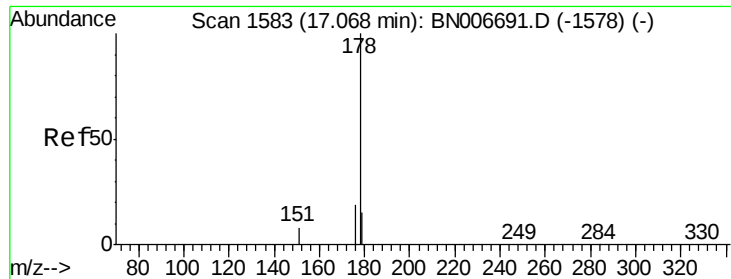
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





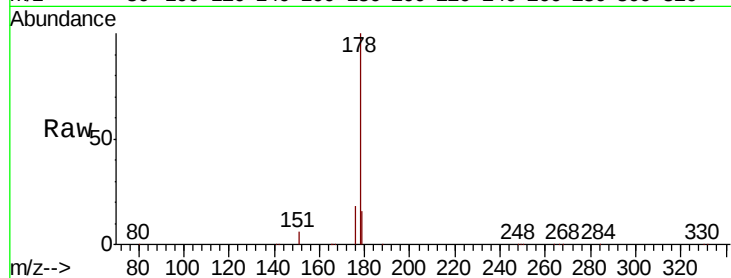
#23
Phenanthrene
Concen: 3.248 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

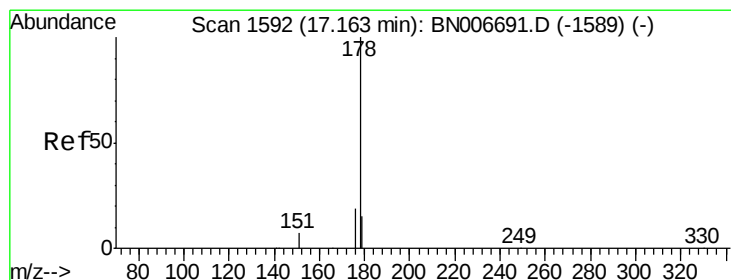
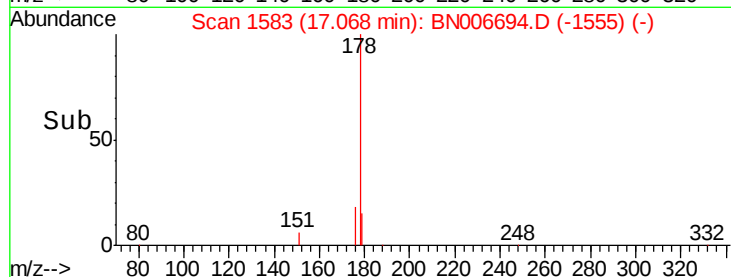
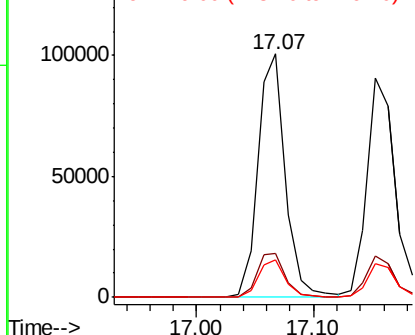
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.2	12.4	18.6

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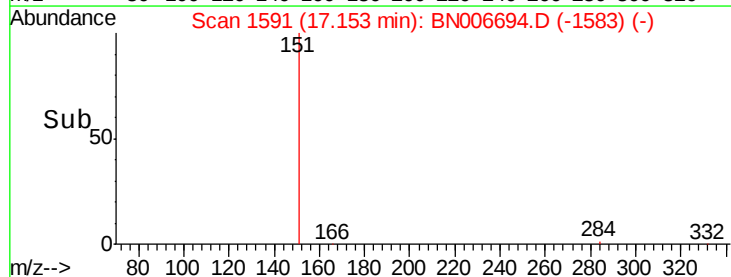
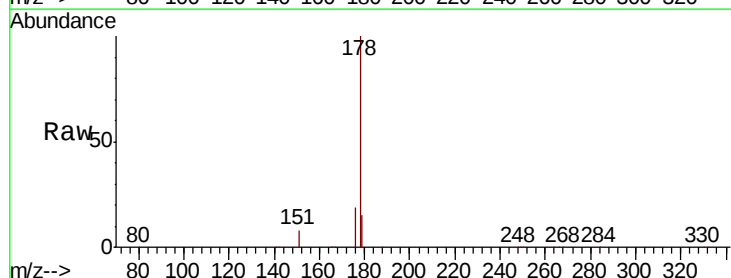
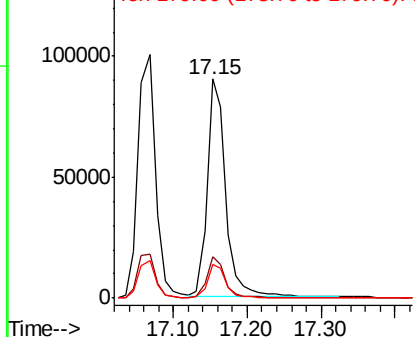
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

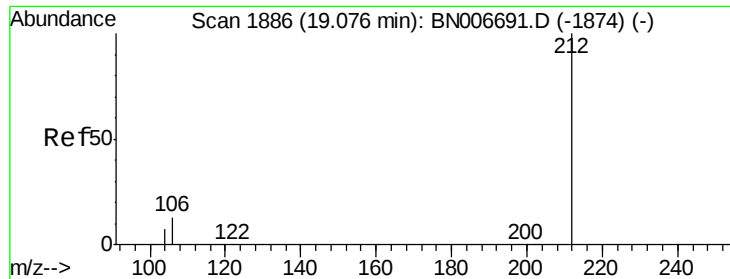


#24
Anthracene
Concen: 3.566 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.3	11.9	17.9

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





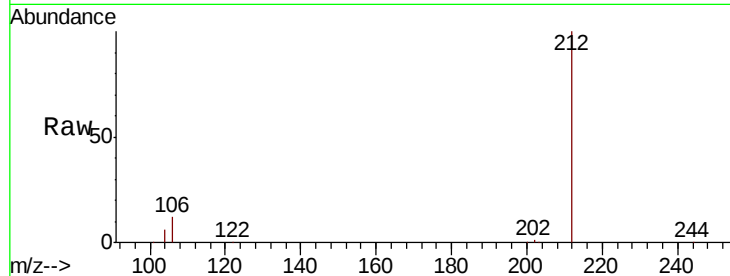
#25
Fluoranthene-d10
Concen: 3.029 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

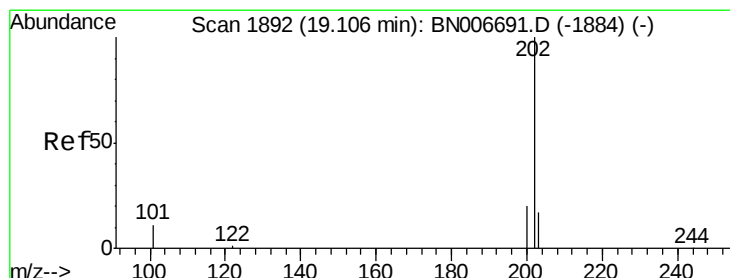
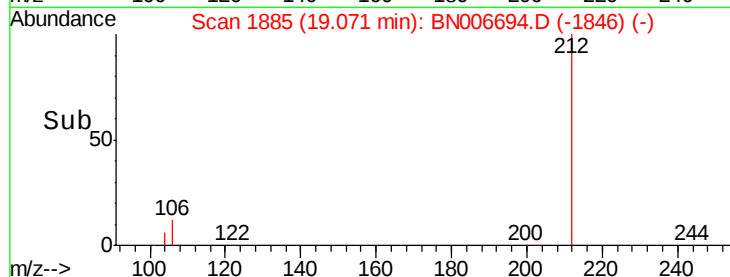
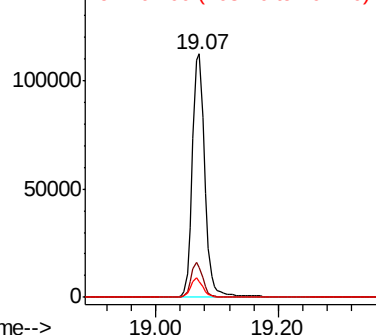
Tot Ion	Ratio	Resp	Lower	Upper
212	100	157789		
106	14.0		11.0	16.6
104	7.5		6.1	9.1

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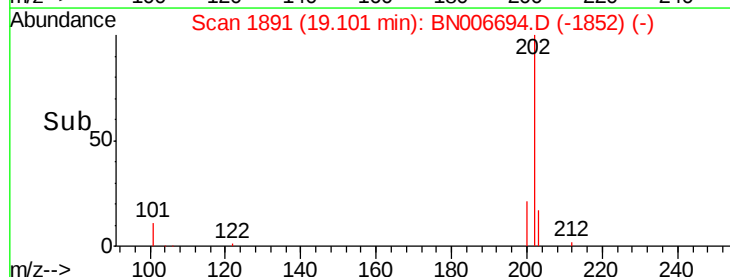
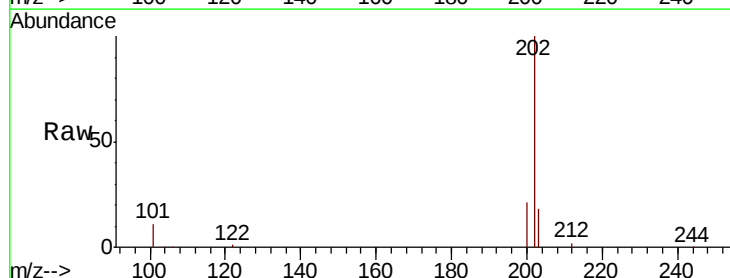
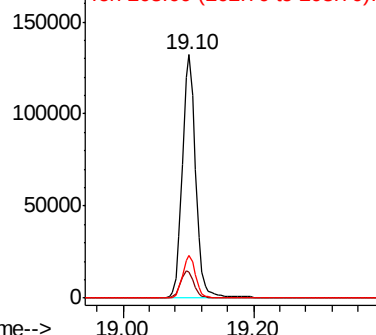
Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

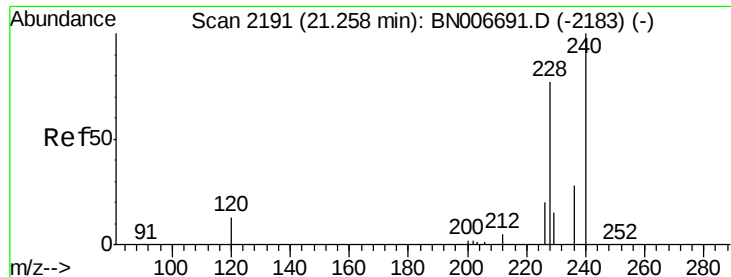


#26
Fluoranthene
Concen: 3.045 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	186606		
101	11.2		8.7	13.1
203	17.3		13.8	20.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





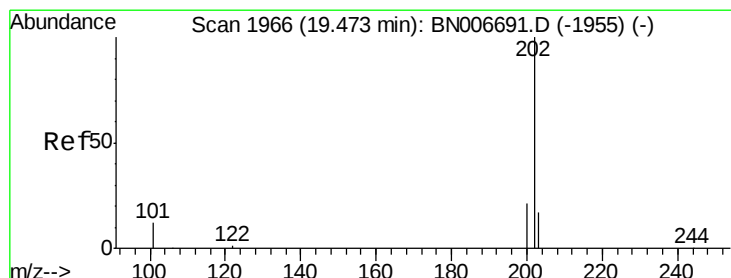
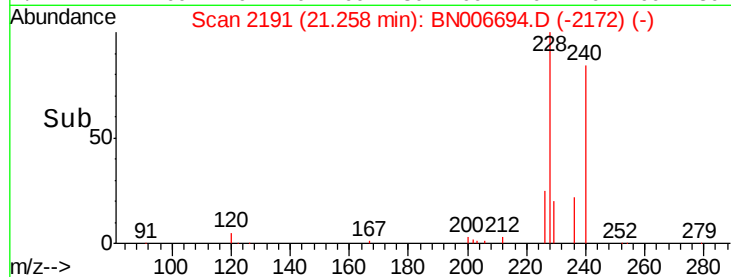
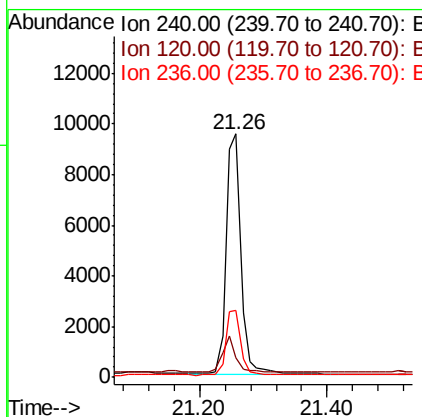
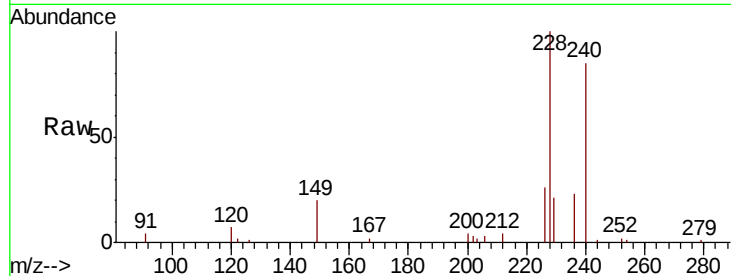
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.26 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tot Ion:	240	Resp:	15256
Ion Ratio	Lower	Upper	
240	100		
120	8.0	12.9	19.3#
236	27.3	23.2	34.8

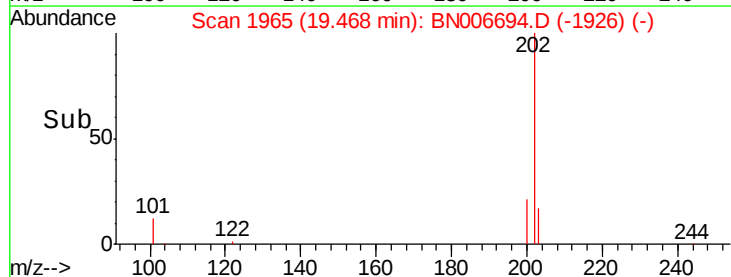
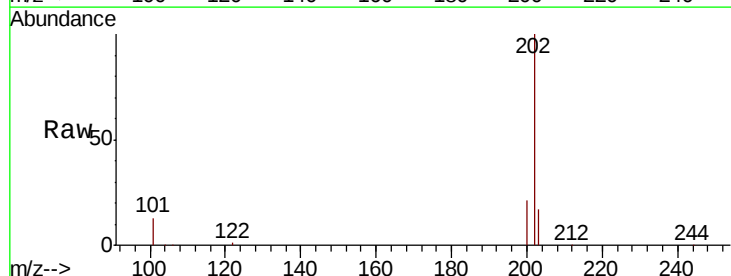
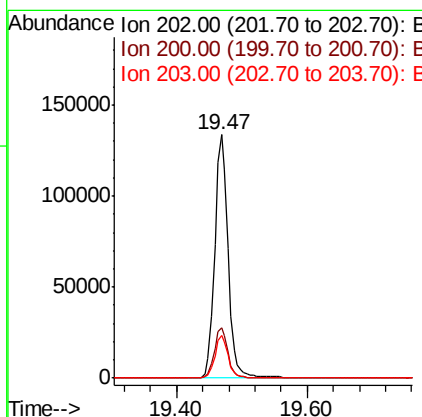
Manual Integrations
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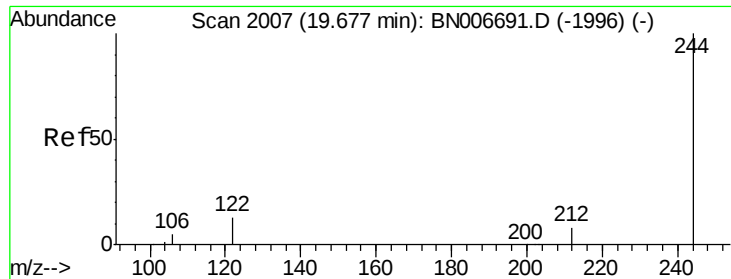
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#28
 Pyrene
 Concen: 3.551 ng
 RT: 19.47 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Tgt Ion:	202	Resp:	189551
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.8	25.2
203	17.5	14.2	21.2





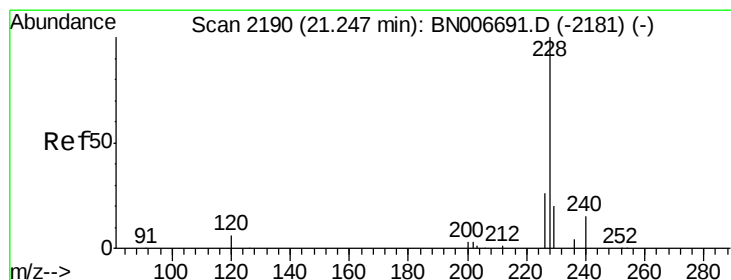
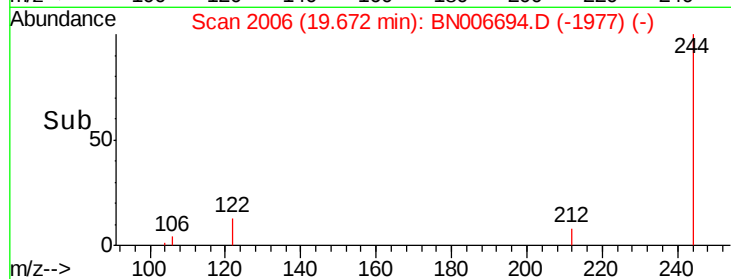
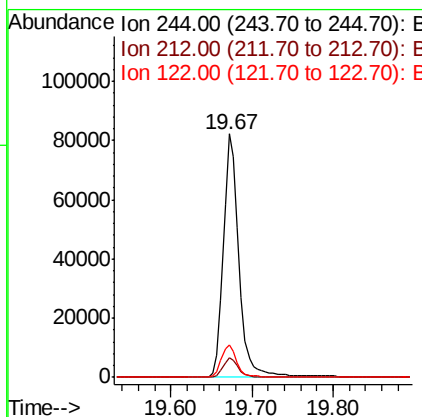
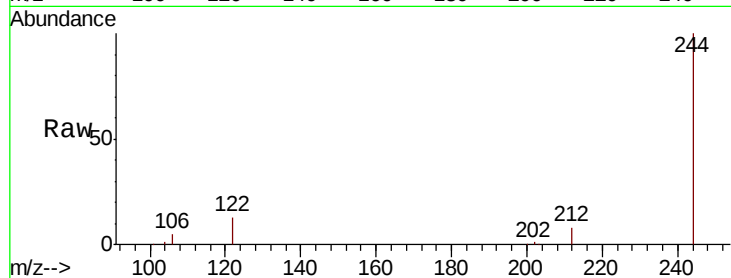
#29
 Terphenyl-d14
 Concen: 3.439 ng
 RT: 19.67 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Instrument :
 BNA_N
 ClientSampleID :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.0	10.4
122	13.4	11.5	17.3

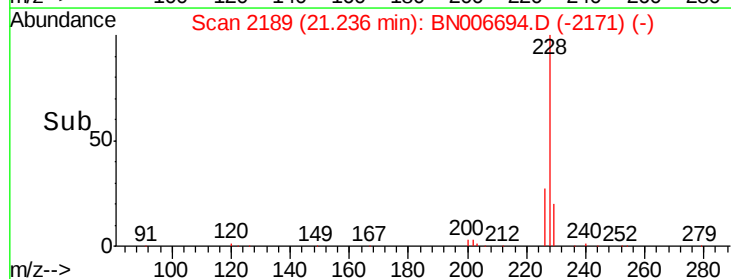
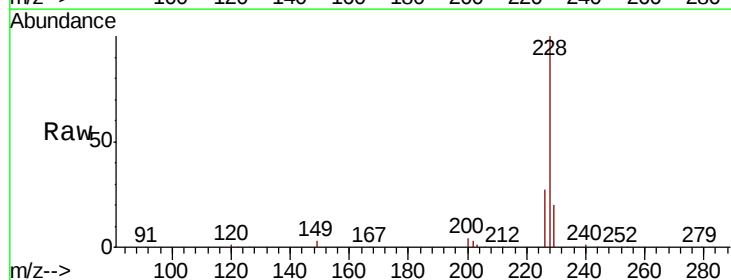
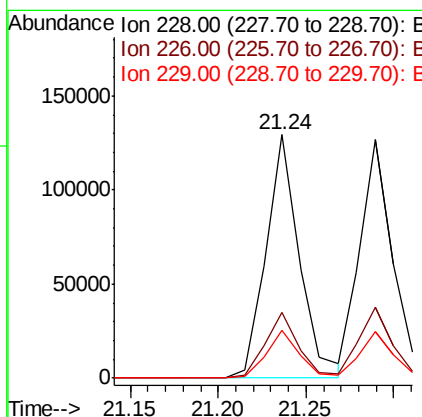
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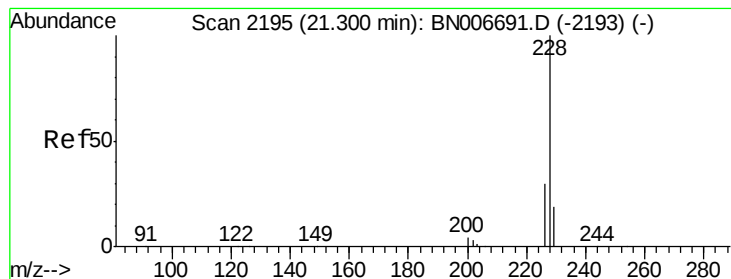
mohammad
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#30
 Benzo(a)anthracene
 Concen: 3.436 ng
 RT: 21.24 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.5	32.3
229	19.7	16.2	24.4





#31

Chrysene

Concen: 3.135 ng

RT: 21.29 min Scan# 2194

Delta R.T. -0.01 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

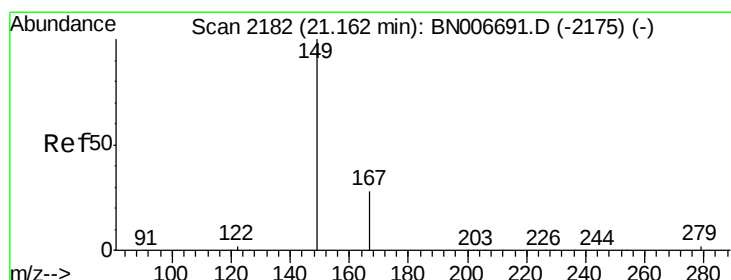
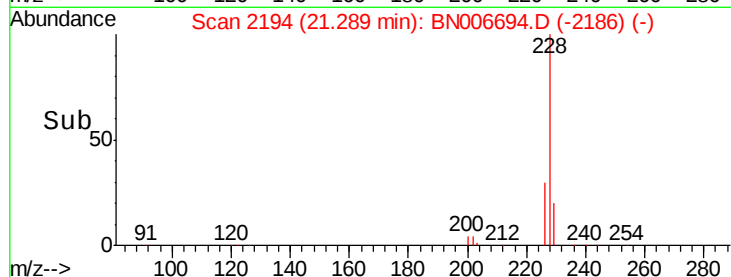
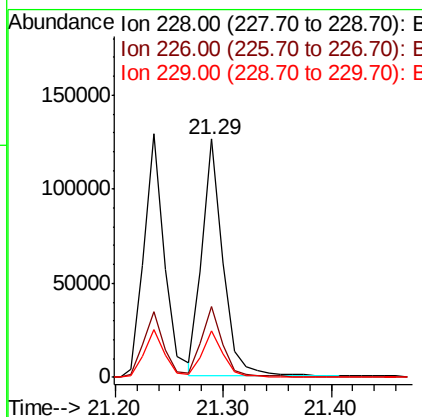
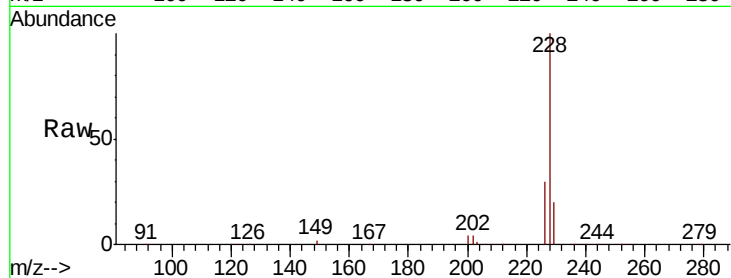
ClientSampleId :

SSTDICC3.2

Tot Ion:228	Resp:	168545
Ion Ratio	Lower	Upper
228 100		
226 29.9	24.2	36.2
229 19.6	15.8	23.6

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#32

Bis(2-ethylhexyl)phthalate

Concen: 4.820 ng

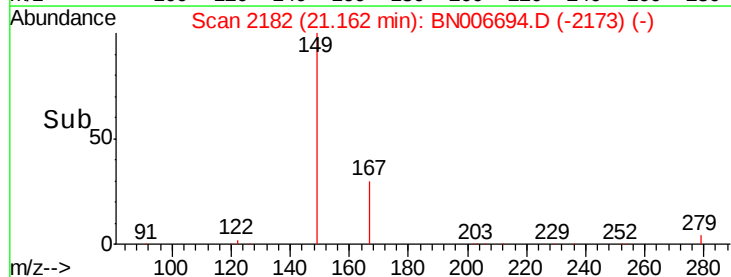
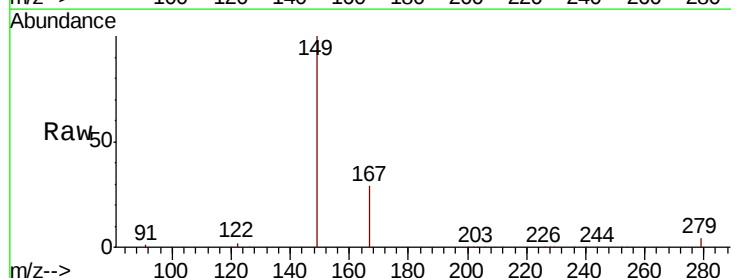
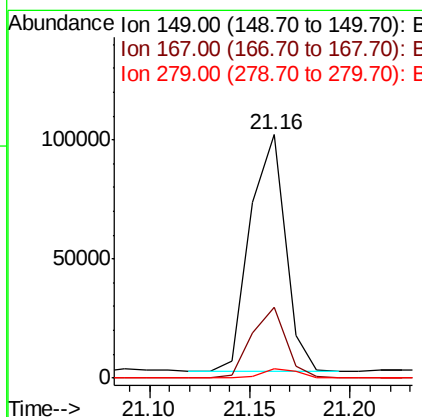
RT: 21.16 min Scan# 2182

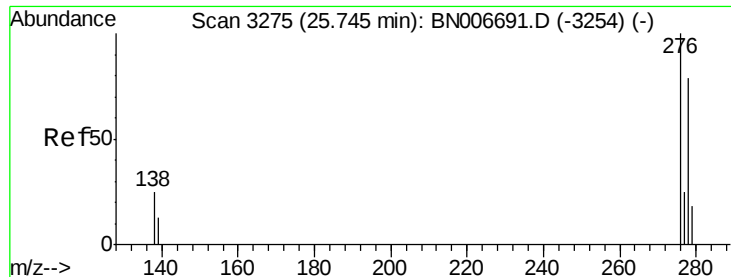
Delta R.T. -0.00 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Tgt Ion:149	Resp:	120990
Ion Ratio	Lower	Upper
149 100		
167 29.5	22.9	34.3
279 4.1	3.2	4.8





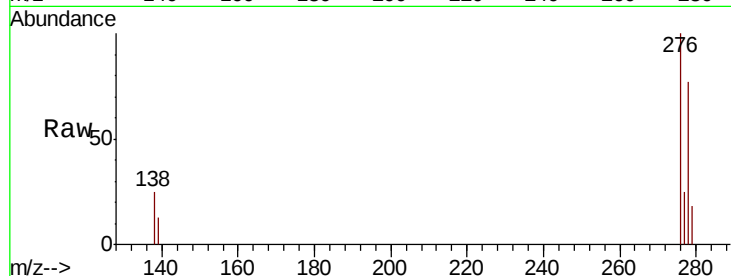
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.620 ng
 RT: 25.72 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.5	29.3
277	25.0	19.7	29.5

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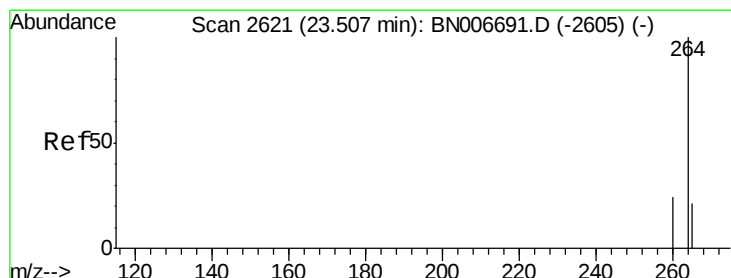
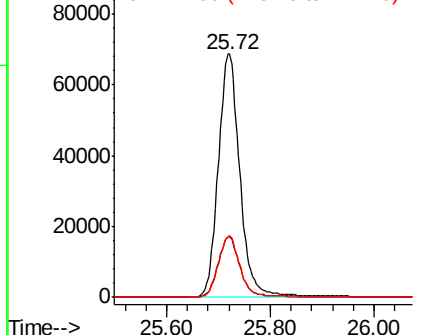
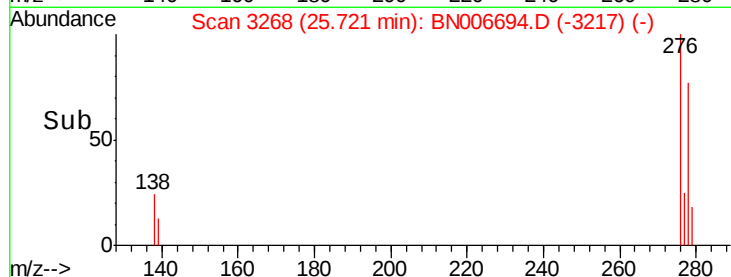


Abundance

Ion 276.00 (275.70 to 276.70): E

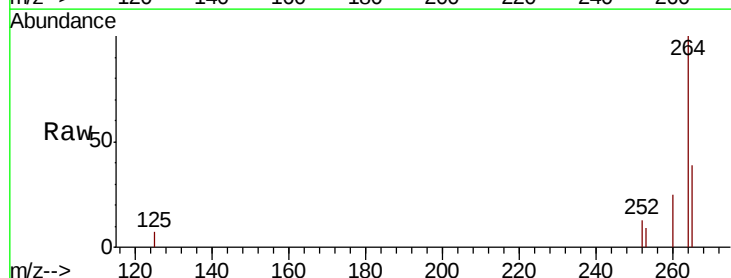
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.49 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BN006694.D
 Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.2
265	38.9	33.7	50.5

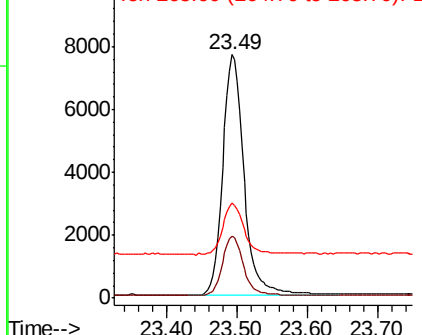
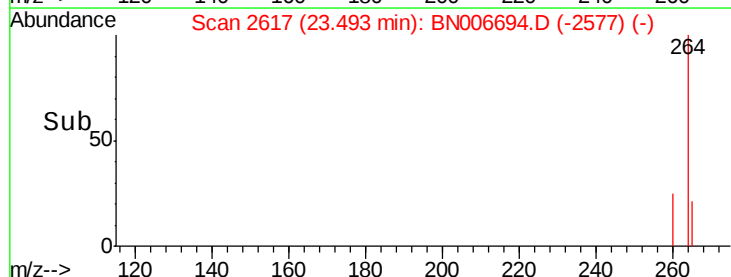


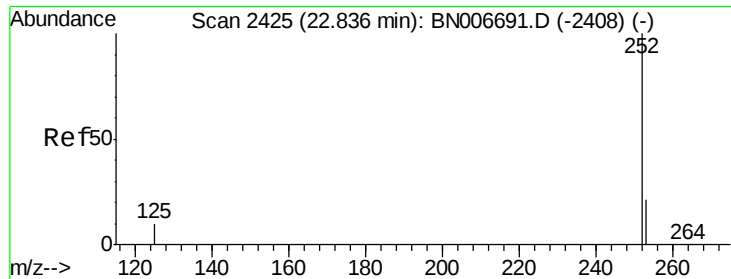
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





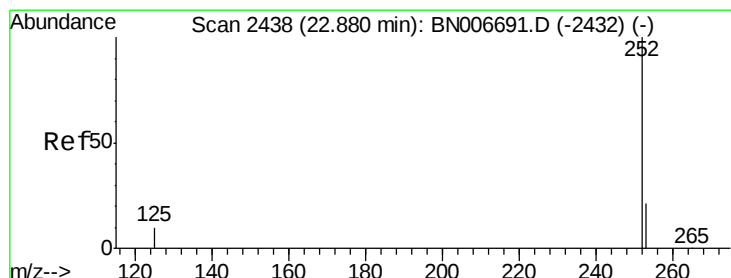
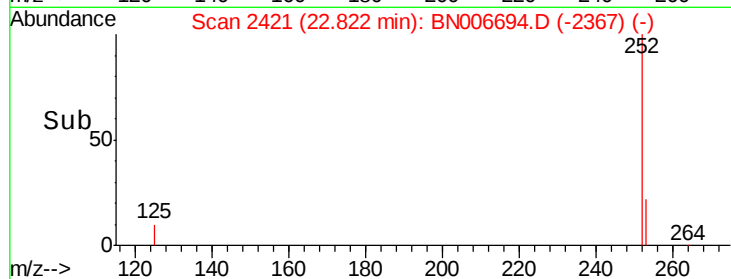
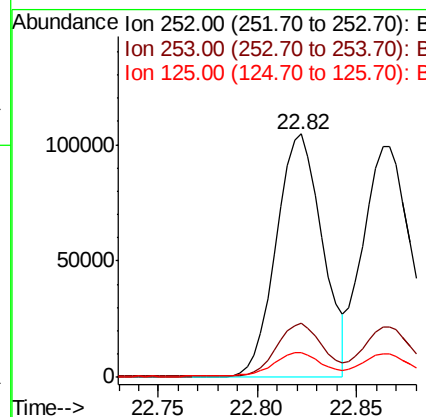
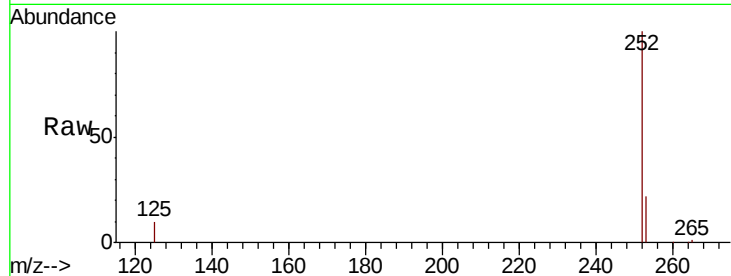
#35
Benzo(b)fluoranthene
Concen: 3.110 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.2	30.2
125	10.2	11.5	17.3#

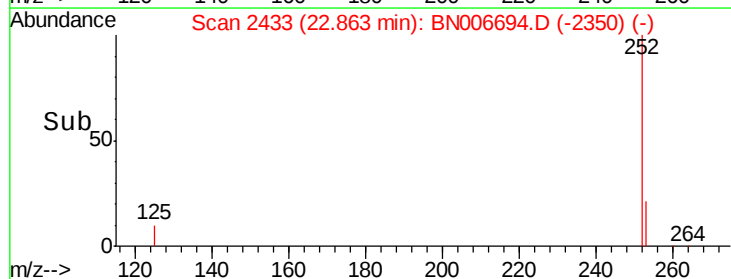
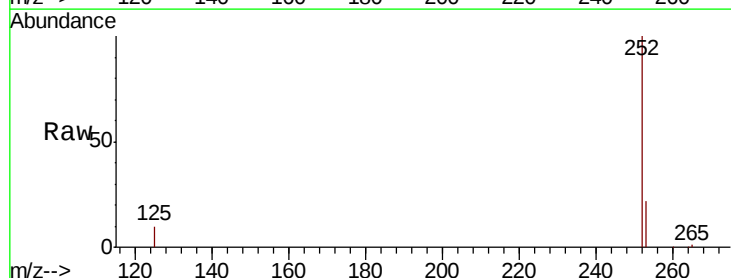
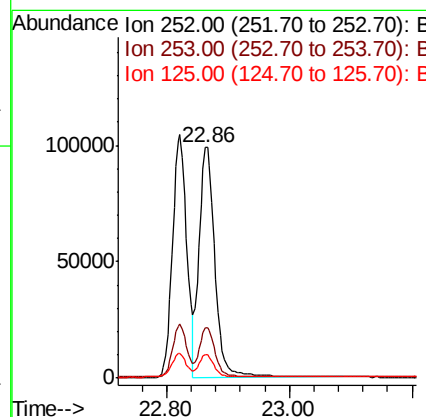
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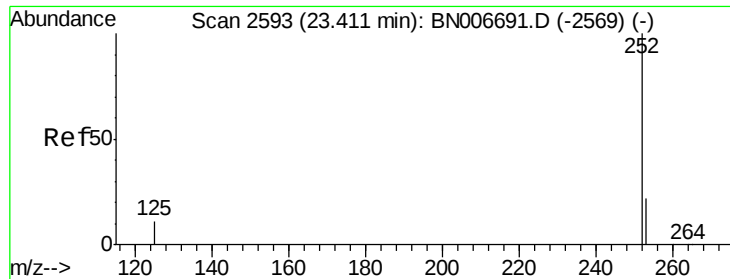
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#36
Benzo(k)fluoranthene
Concen: 3.059 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BN006694.D
Acq: 02 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.1	30.1
125	10.1	11.4	17.0#





#37

Benzo(a)pyrene

Concen: 3.187 ng

RT: 23.39 min Scan# 2588

Delta R.T. -0.02 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

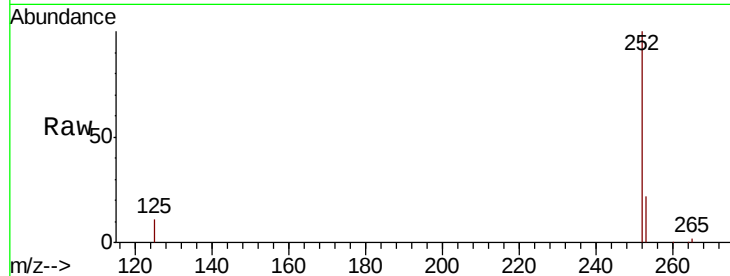
ClientSampleId :

SSTDICC3.2

Tot Ion:	252	Resp:	161984
Ion Ratio	Lower	Upper	
252	100		
253	22.3	21.4	32.2
125	11.3	13.3	19.9#

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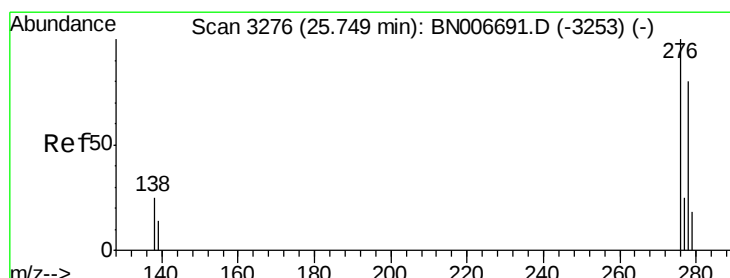
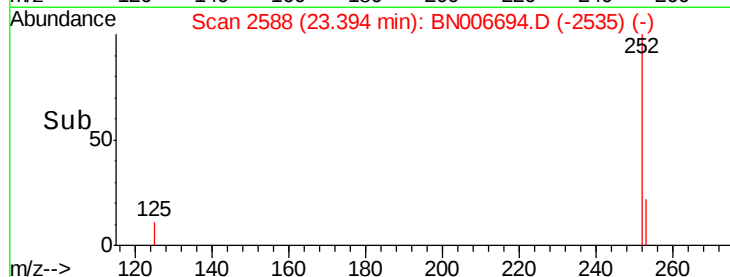
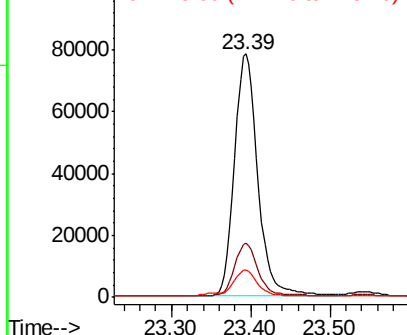


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 3.572 ng

RT: 25.72 min Scan# 3268

Delta R.T. -0.03 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

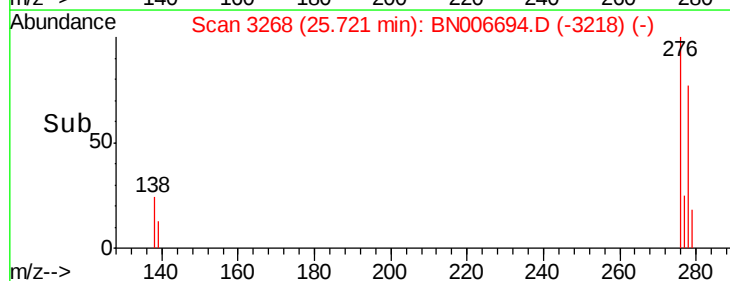
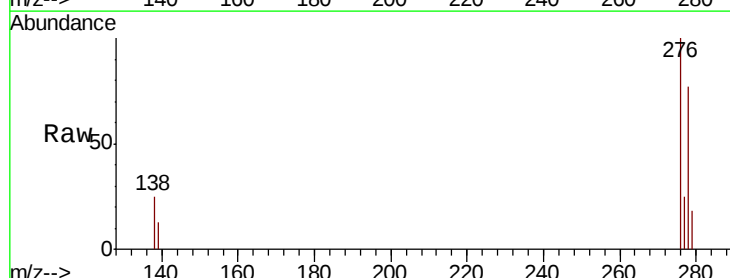
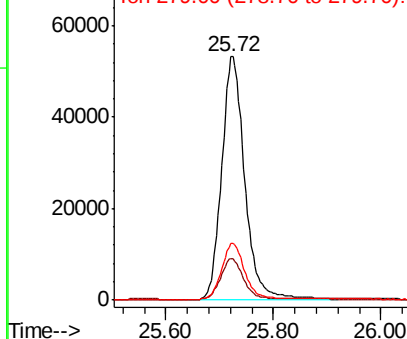
Tgt Ion:	278	Resp:	158603
Ion Ratio	Lower	Upper	
278	100		
139	17.2	16.2	24.4
279	23.3	20.7	31.1

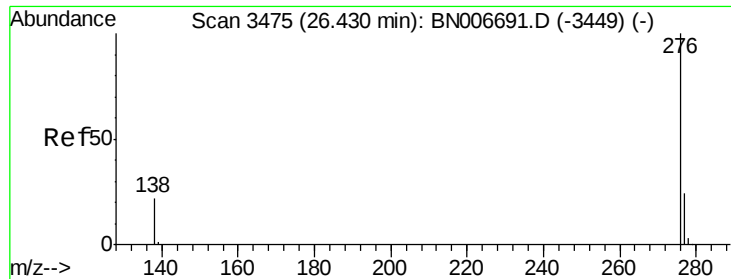
Abundance

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





#39

Benzo(a,h,i)perylene

Concen: 3.644 ng

RT: 26.40 min Scan# 3467

Delta R.T. -0.03 min

Lab File: BN006694.D

Acq: 02 Jul 2019 16:19

Instrument :

BNA_N

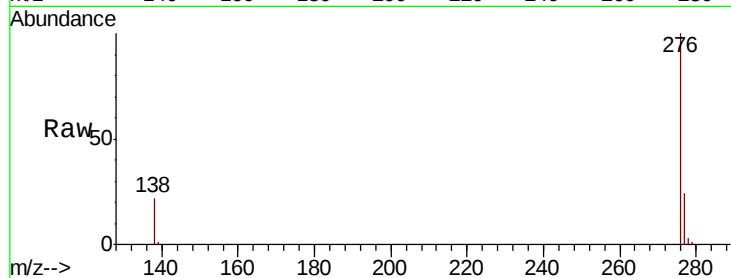
ClientSampleId :

SSTDICC3.2

Tot Ion:	276	Resp:	161510
Ion Ratio		Lower	Upper
276	100		
277	23.6	20.6	30.8
138	21.8	19.7	29.5

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

