

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
 Data File : BN006718.D
 Acq On : 05 Jul 2019 16:33
 Operator : HP/JU
 Sample : K3558-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-032-B204-062519MS

Manual Integrations
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 7/8/2019 2:15:50 PM

Quant Time: Jul 05 23:19:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3179	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	12460	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	7338	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	17363	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	17013	0.40	ng	-0.03
34) Perylene-d12	23.45	264	19760	0.40	ng	-0.06

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1838	0.21	ng	-0.02
5) Phenol-d6	6.81	99	2584	0.24	ng	-0.02
8) Nitrobenzene-d5	8.77	82	1756m	0.18	ng	-0.03
11) 2-Methylnaphthalene-d10	11.97	152	5158	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	857	0.24	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	5588	0.19	ng	-0.02
25) Fluoranthene-d10	19.05	212	10138	0.20	ng	-0.02
29) Terphenyl-d14	19.65	244	7119	0.18	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	949	0.191	ng	# 52
3) n-Nitrosodimethylamine	3.45	42	967	0.258	ng	# 95
6) bis(2-Chloroethyl)ether	7.03	93	2030	0.220	ng	96
9) Naphthalene	10.42	128	8046	0.236	ng	98
10) Hexachlorobutadiene	10.69	225	1378	0.200	ng	# 100
12) 2-Methylnaphthalene	12.05	142	5301	0.198	ng	97
16) Acenaphthylene	13.96	152	9144	0.250	ng	100
17) Acenaphthene	14.30	154	5305	0.227	ng	97
18) Fluorene	15.30	166	6961	0.240	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	2009	0.196	ng	98
21) Hexachlorobenzene	16.31	284	2351	0.193	ng	98
22) Pentachlorophenol	16.72	266	205	0.237	ng	93
23) Phenanthrene	17.05	178	14978	0.299	ng	100
24) Anthracene	17.14	178	10379	0.229	ng	100
26) Fluoranthene	19.08	202	22855	0.389	ng	98
28) Pyrene	19.45	202	23496	0.345	ng	99
30) Benzo(a)anthracene	21.22	228	16836	0.287	ng	99
31) Chrysene	21.27	228	17488	0.289	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	13588	0.078	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	18967	0.262	ng	97
35) Benzo(b)fluoranthene	22.79	252	18595	0.293	ng	98
36) Benzo(k)fluoranthene	22.83	252	17033	0.248	ng	98
37) Benzo(a)pyrene	23.36	252	17345	0.282	ng	99
38) Dibenzo(a,h)anthracene	25.68	278	13215	0.216	ng	98
39) Benzo(g,h,i)perylene	26.35	276	16940	0.270	ng	98

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

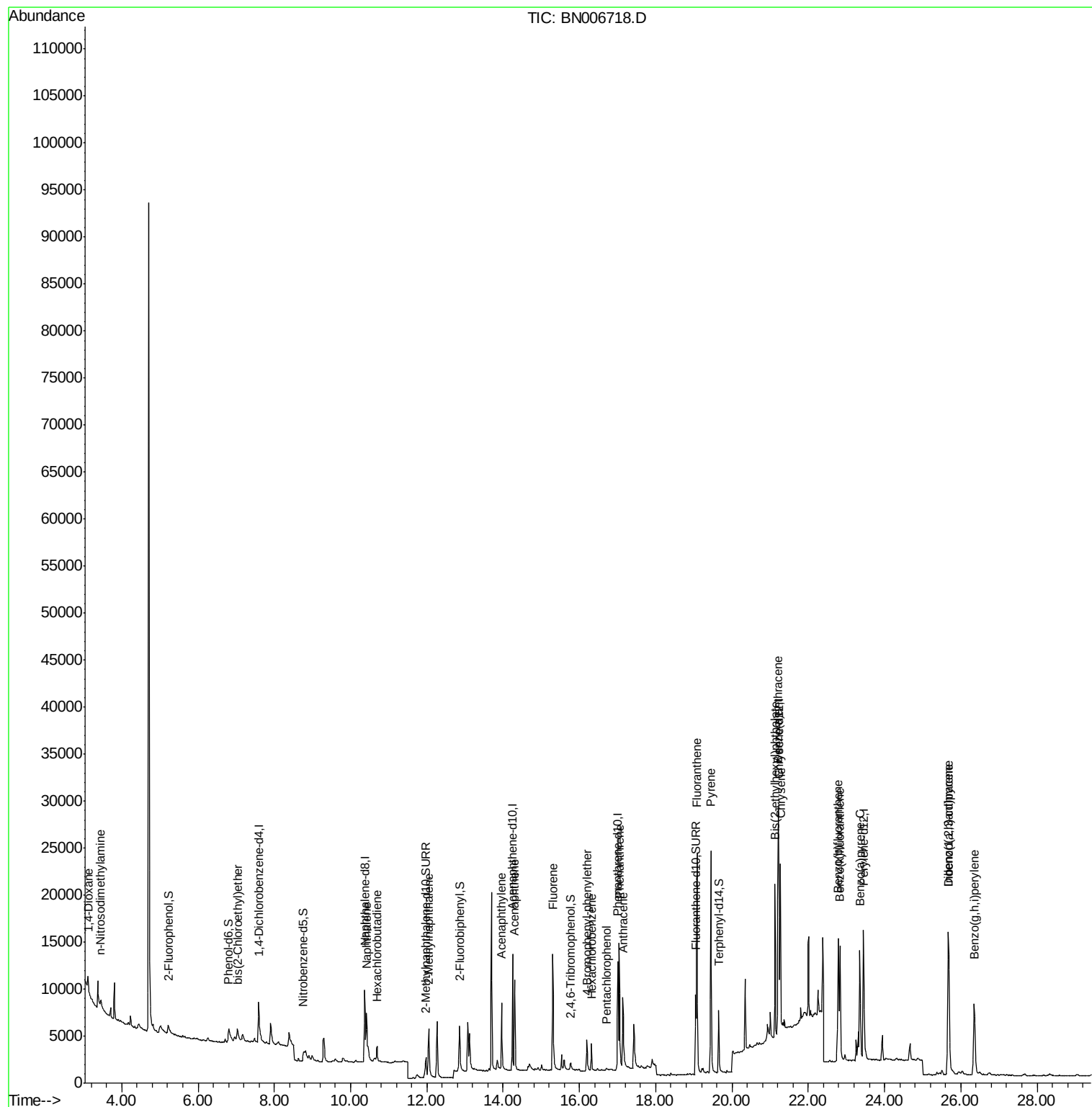
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006718.D
Acq On : 05 Jul 2019 16:33
Operator : HP/JU
Sample : K3558-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

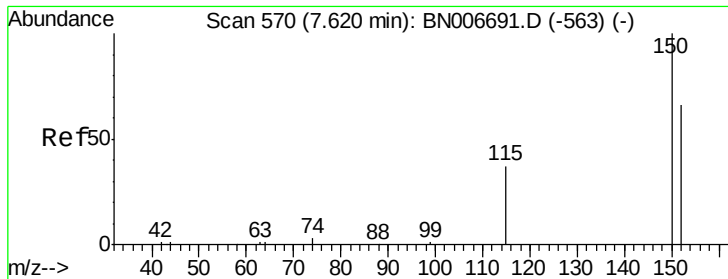
Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

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Quant Time: Jul 05 23:19:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
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#1

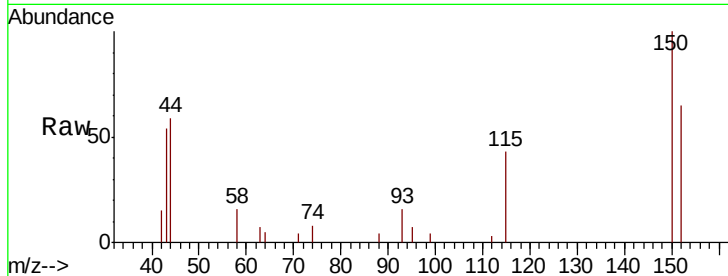
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 566
Delta R.T. -0.03 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	120.6	181.0
115	67.3	51.0	76.6

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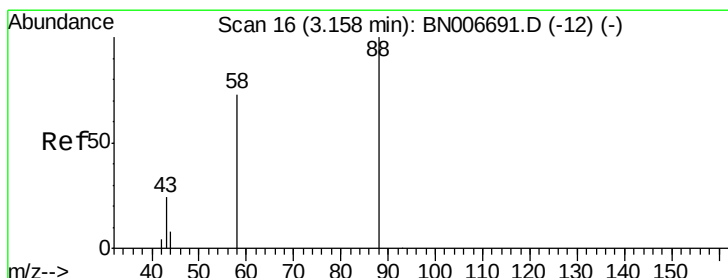
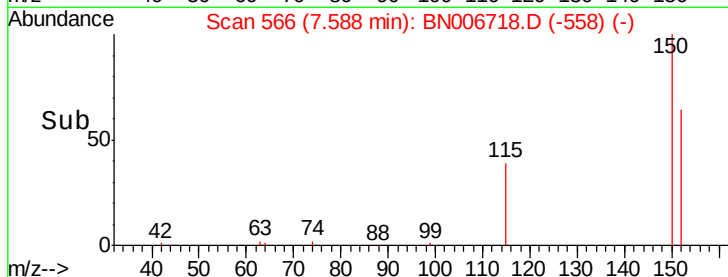
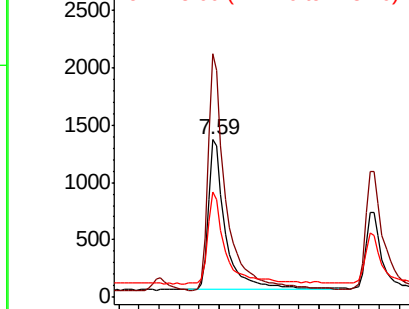


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

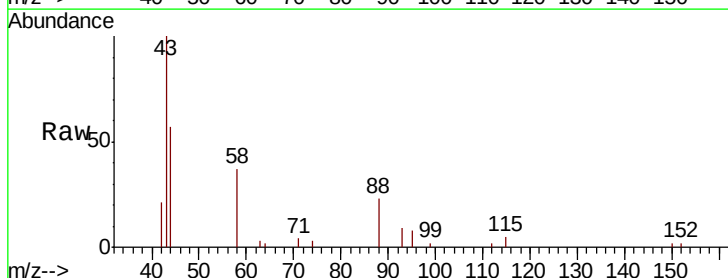
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.191 ng
RT: 3.12 min Scan# 11
Delta R.T. -0.04 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	109.5	61.1	91.7#
43	0.0	32.4	48.6#

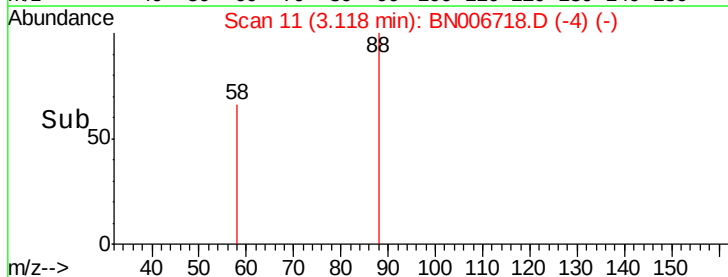
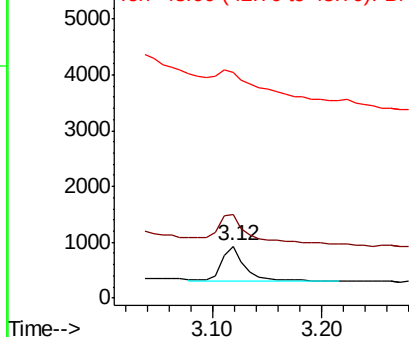


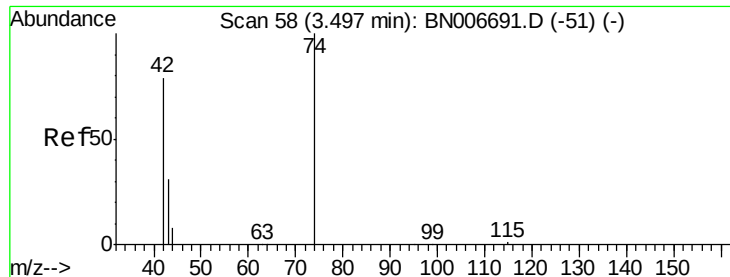
Abundance

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: 0.258 ng

RT: 3.45 min Scan# 52

Delta R.T. -0.05 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

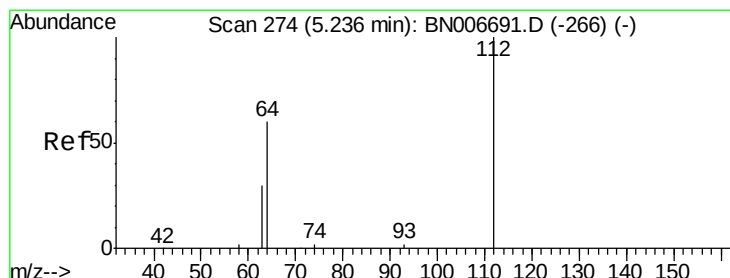
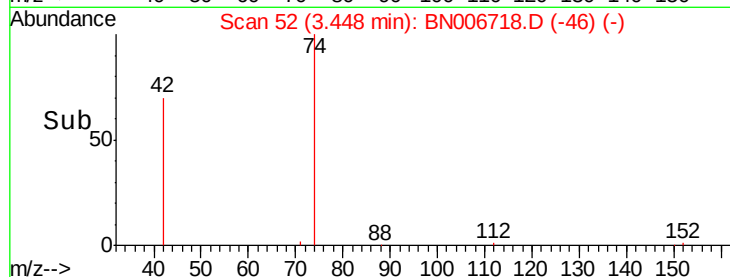
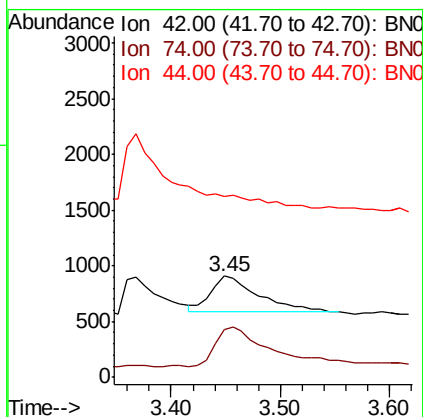
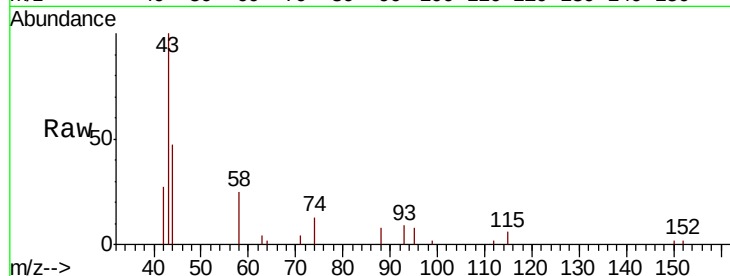
ClientSampleId :

PST-032-B204-062519MS

Tot Ion:	42	Resp:	967
Ion	Ratio	Lower	Upper
42	100		
74	129.1	106.6	160.0
44	0.0	8.0	12.0#

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#4

2-Fluorophenol

Concen: 0.213 ng

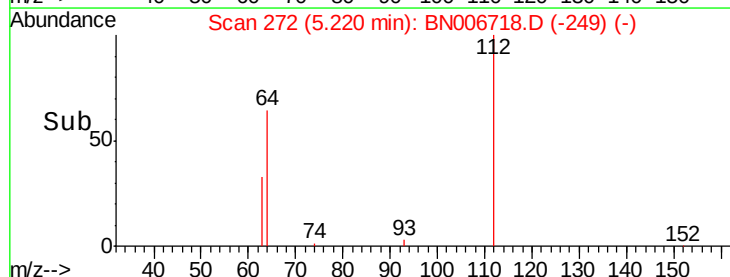
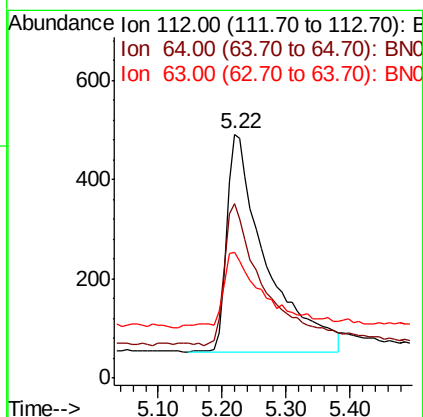
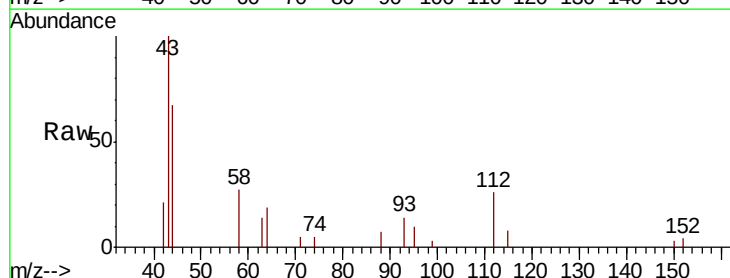
RT: 5.22 min Scan# 272

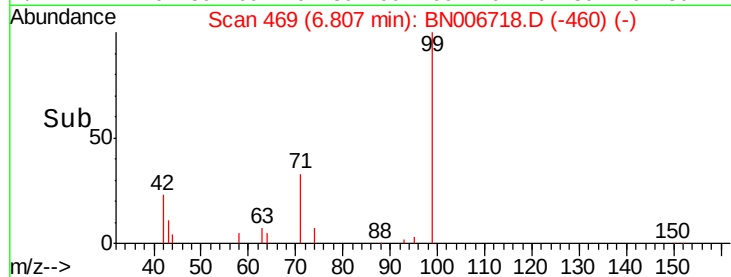
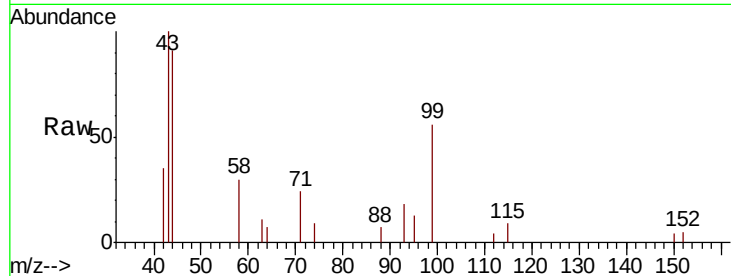
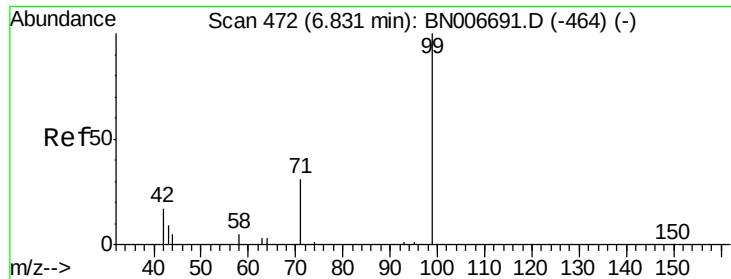
Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tgt Ion:	112	Resp:	1838
Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.8	74.6
63	35.0	25.8	38.6





#5

Phenol-d6

Concen: 0.236 ng

RT: 6.81 min Scan# 469

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tot Ion:	99	Resp:	2584
Ion Ratio	Lower	Upper	
99	100		
42	28.0	16.6	25.0#
71	33.8	26.0	39.0

Instrument :

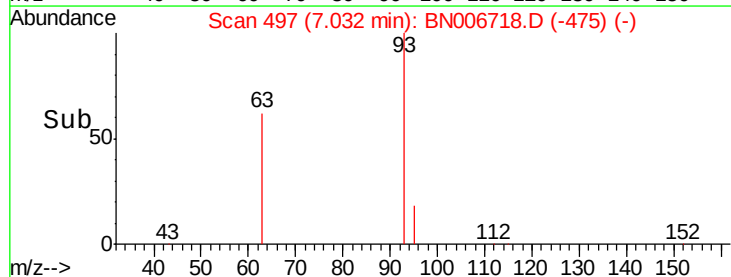
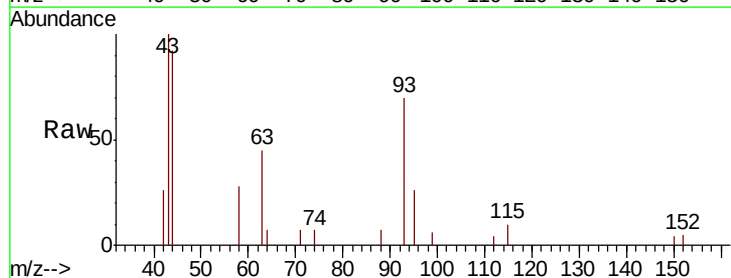
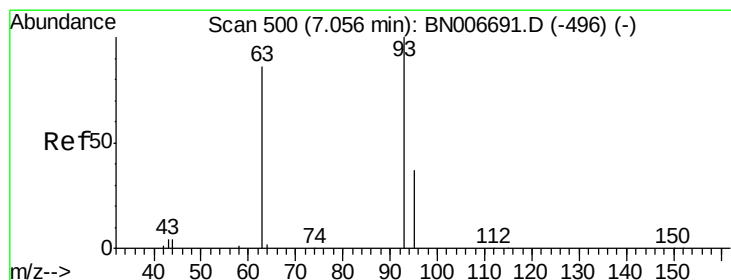
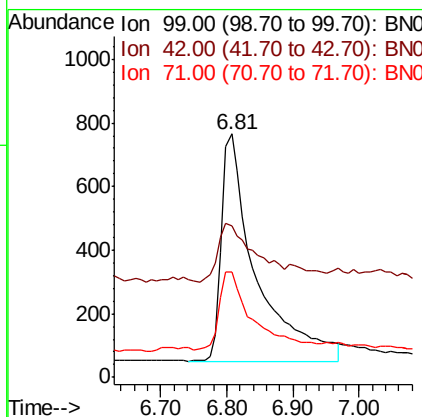
BNA_N

ClientSampleId :

PST-032-B204-062519MS

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#6

bis(2-Chloroethyl)ether

Concen: 0.220 ng

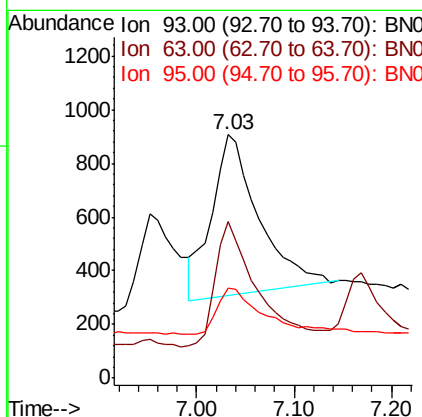
RT: 7.03 min Scan# 497

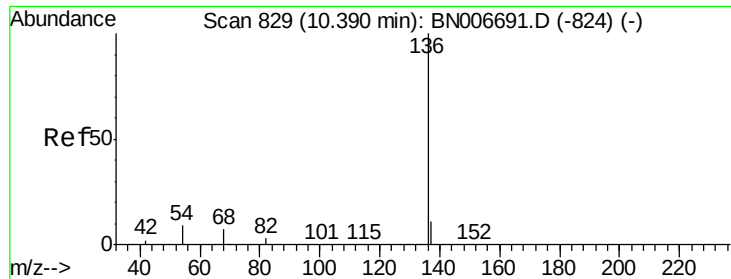
Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tgt Ion:	93	Resp:	2030
Ion Ratio	Lower	Upper	
93	100		
63	70.8	58.6	87.8
95	31.4	28.3	42.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.36 min Scan# 827

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

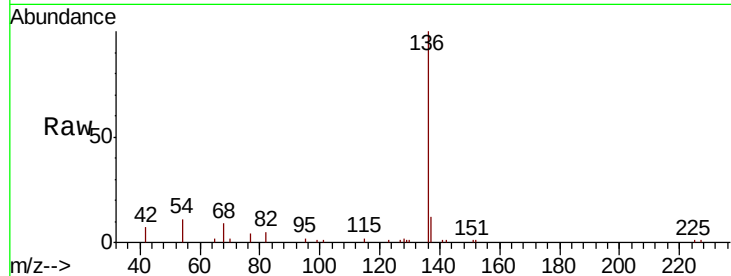
ClientSampleId :

PST-032-B204-062519MS

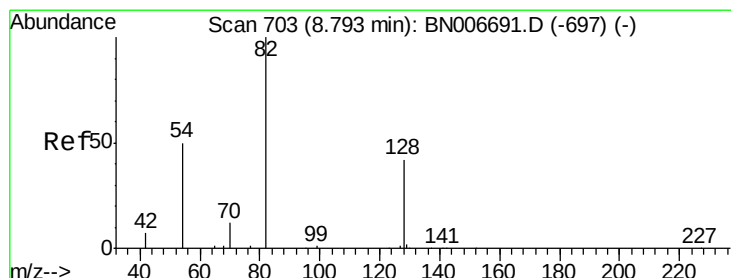
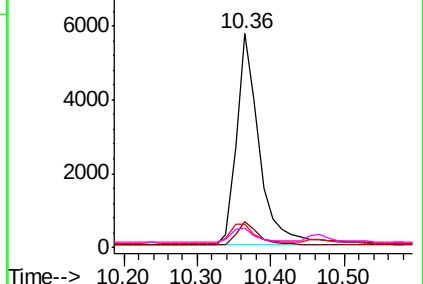
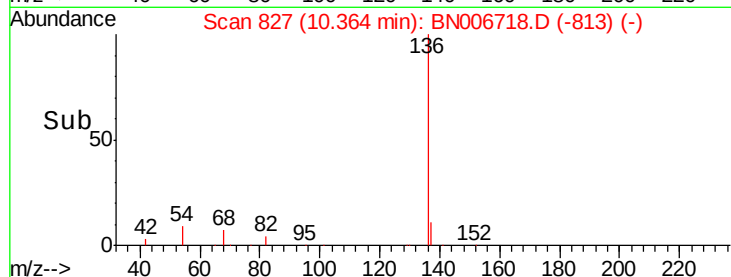
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		12460		
137	11.9		9.3	13.9	
54	10.9		8.4	12.6	
68	9.0		6.8	10.2	

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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: 0.184 ng m

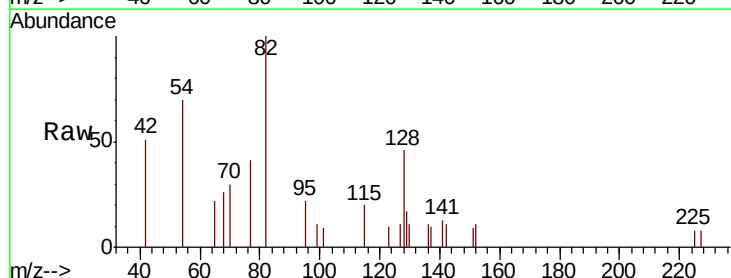
RT: 8.77 min Scan# 701

Delta R.T. -0.03 min

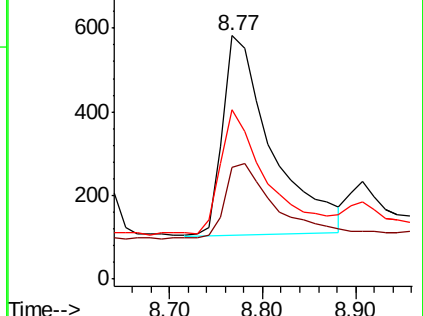
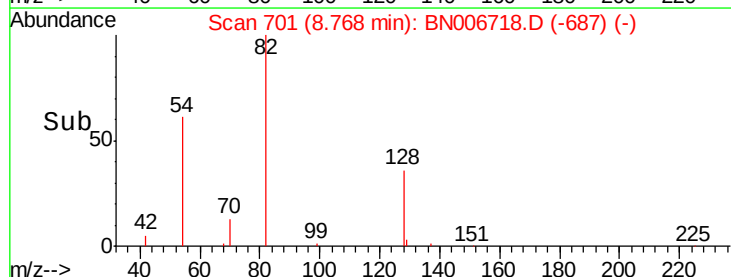
Lab File: BN006718.D

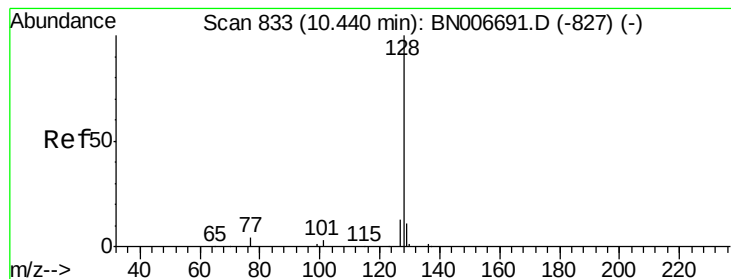
Acq: 05 Jul 2019 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1756		
128	45.9		36.1	54.1	
54	69.6		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: 0.236 ng

RT: 10.42 min Scan# 831

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

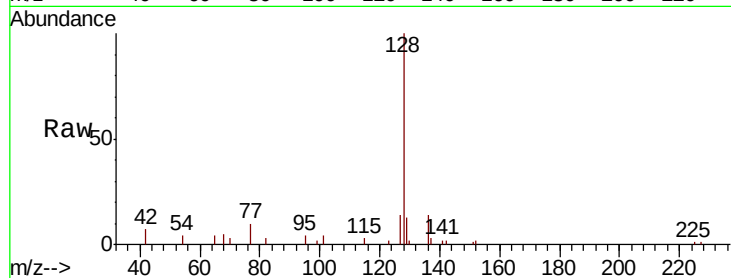
ClientSampleId :

PST-032-B204-062519MS

Tot Ion:	128	Resp:	8046
Ion Ratio	Lower	Upper	
128	100		
129	13.0	9.6	14.4
127	14.5	11.0	16.4

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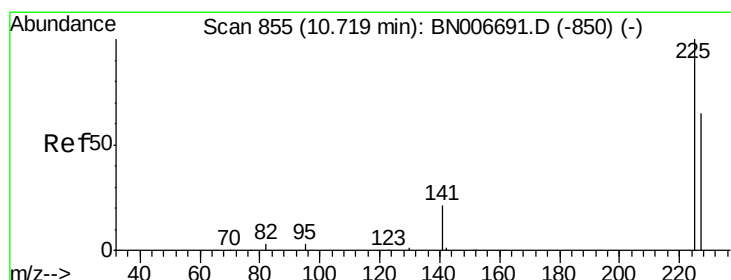
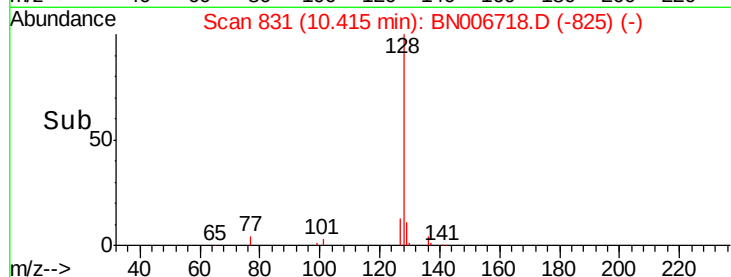
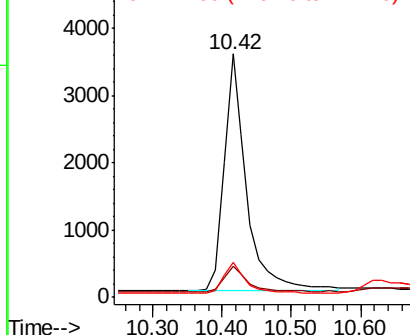


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.200 ng

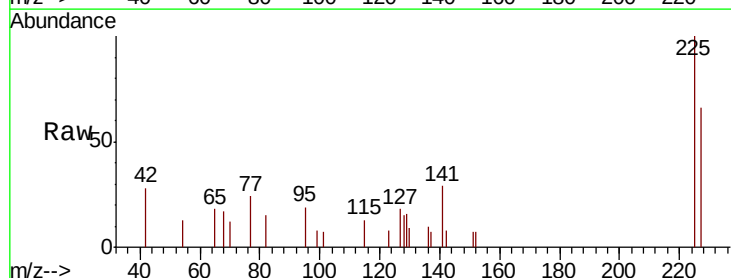
RT: 10.69 min Scan# 853

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tgt Ion:	225	Resp:	1378
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3

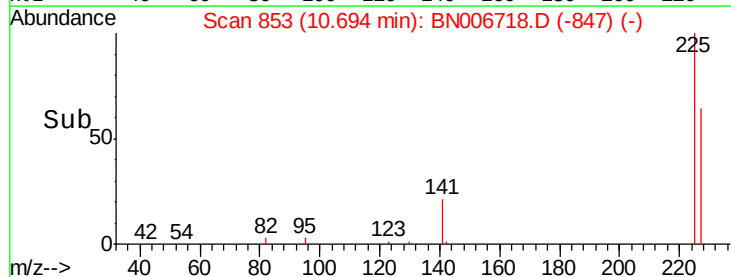
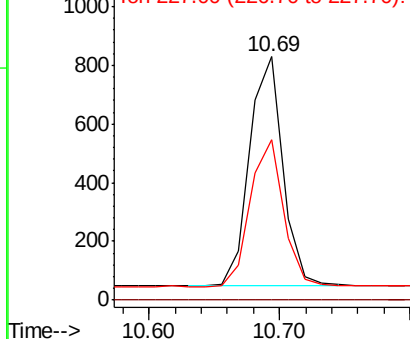


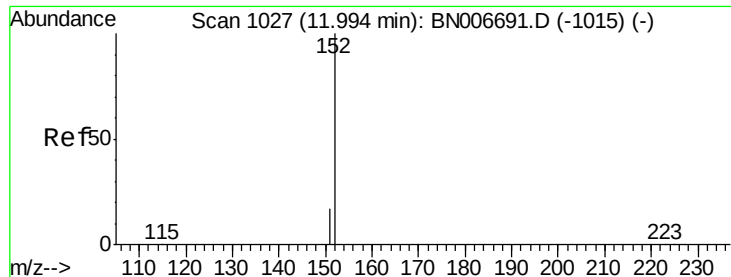
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





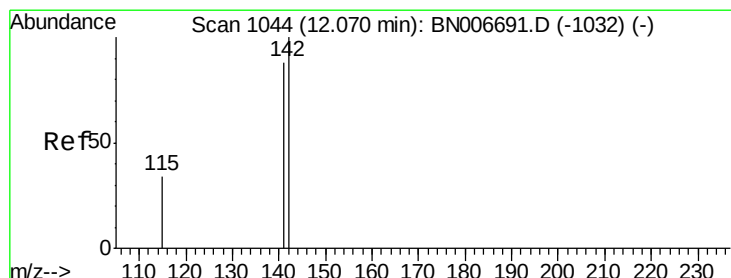
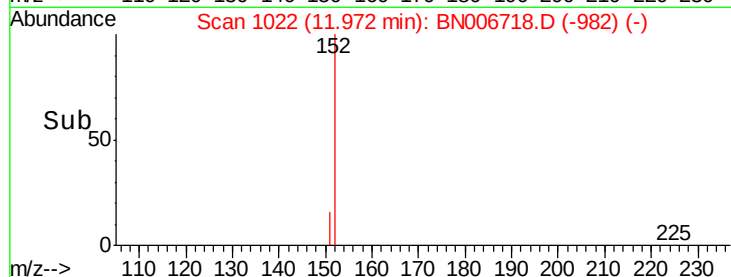
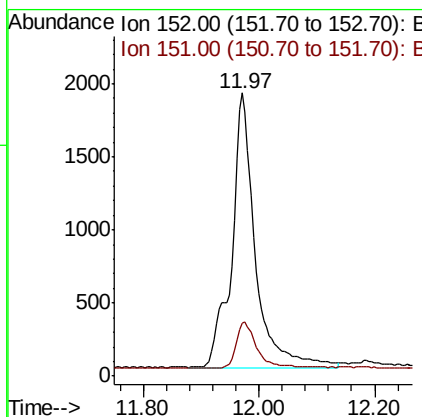
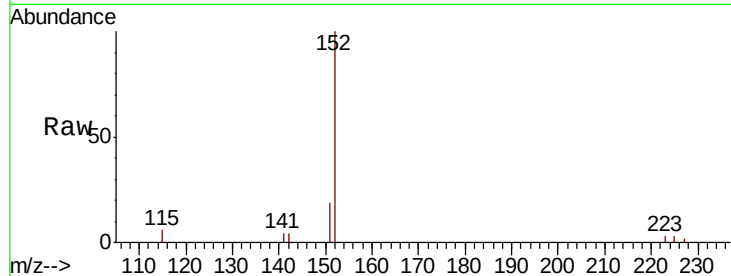
#11
 2-Methylnaphthalene-d10
 Concen: 0.275 ng
 RT: 11.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BN006718.D
 Acq: 05 Jul 2019 16:33

Instrument :
 BNA_N
 ClientSampleId :
 PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	14.7	14.9	22.3#

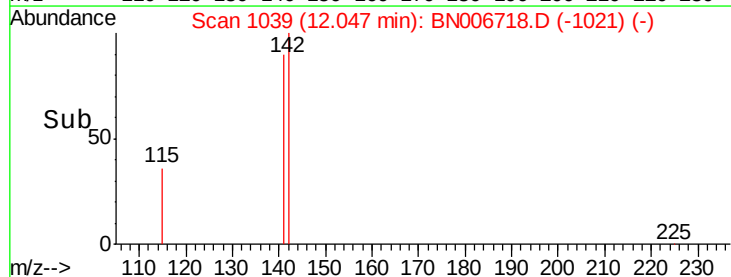
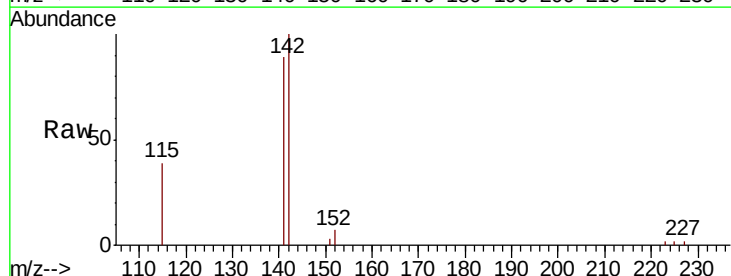
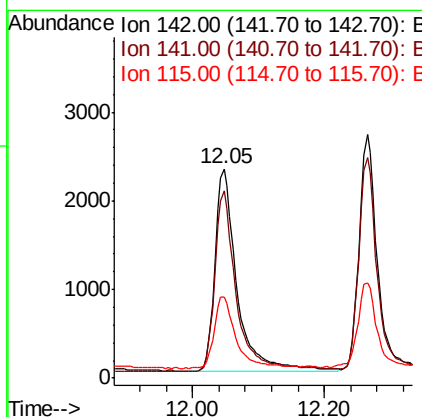
Manual Integrations
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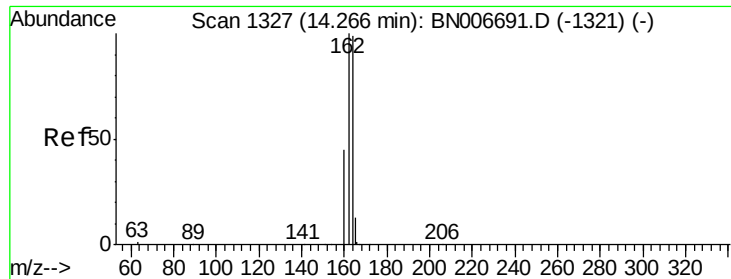
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#12
 2-Methylnaphthalene
 Concen: 0.198 ng
 RT: 12.05 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BN006718.D
 Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.3	105.5
115	39.1	28.9	43.3





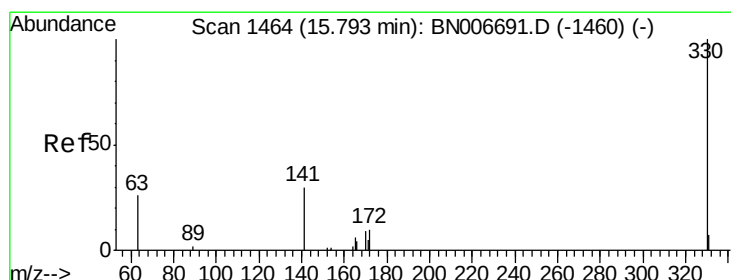
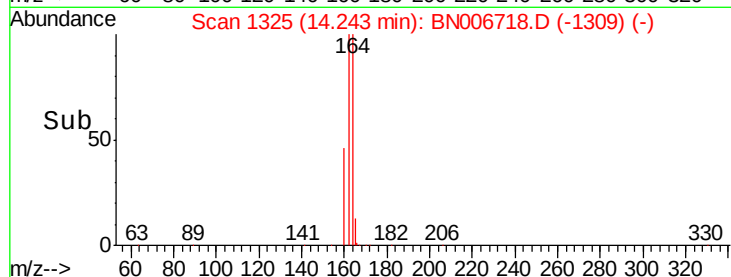
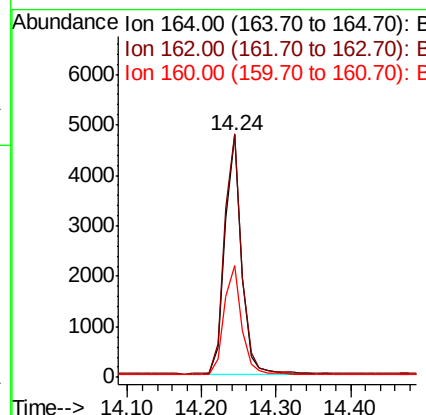
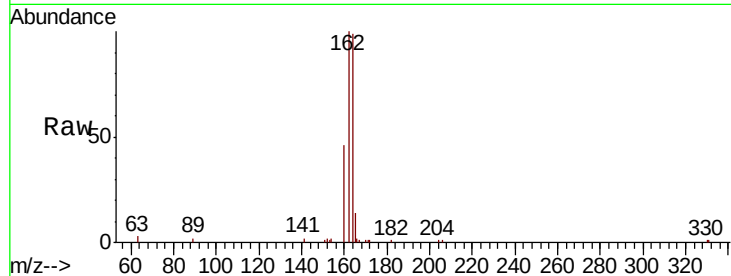
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.8	121.2
160	46.4	37.0	55.6

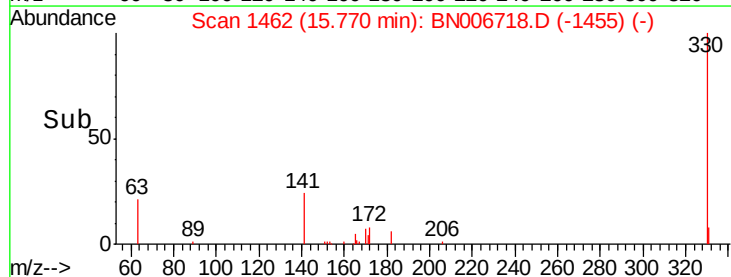
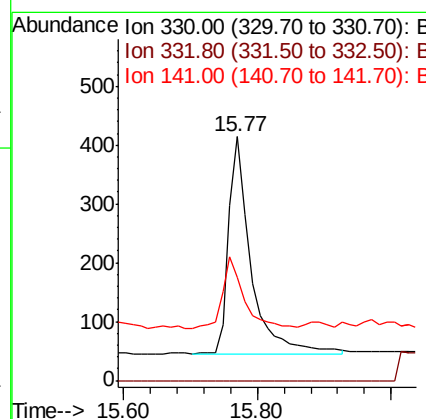
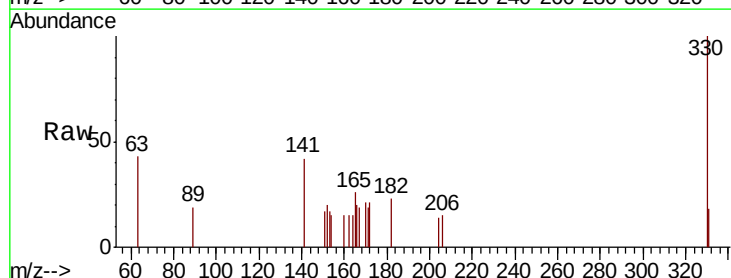
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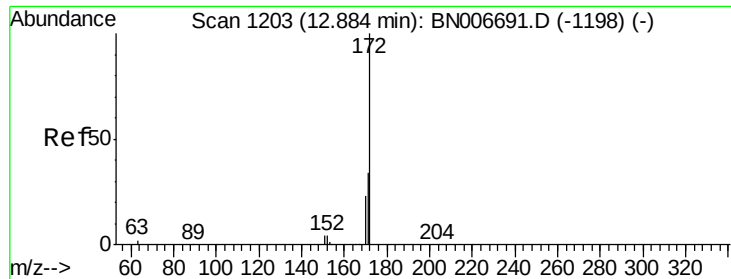
mohammad
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#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.77 min Scan# 1462
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.0	24.8	37.2





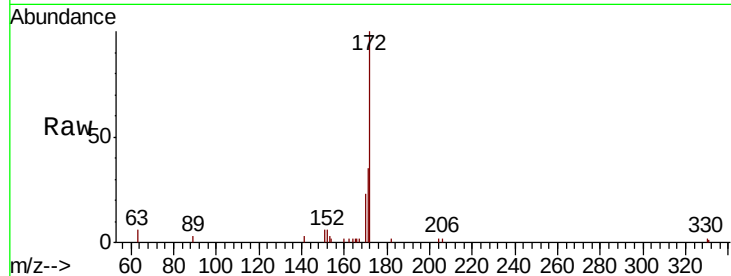
#15
2-Fluorobiphenyl
Concen: 0.195 ng
RT: 12.86 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.1	18.9	28.3

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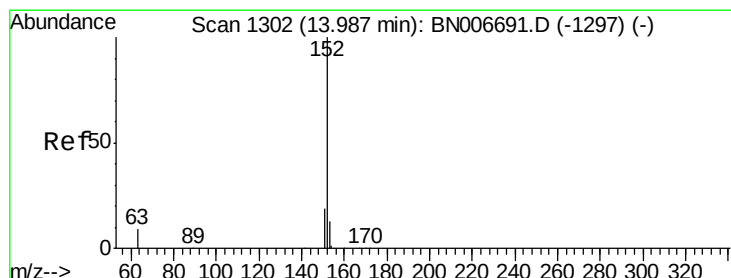
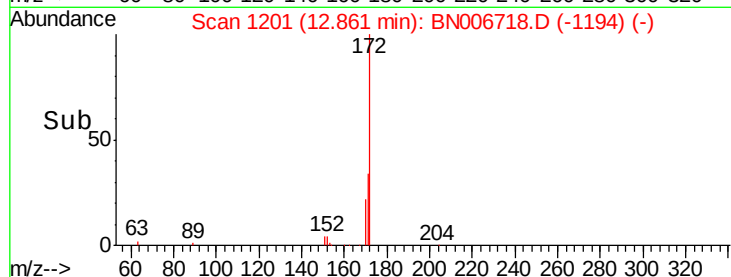
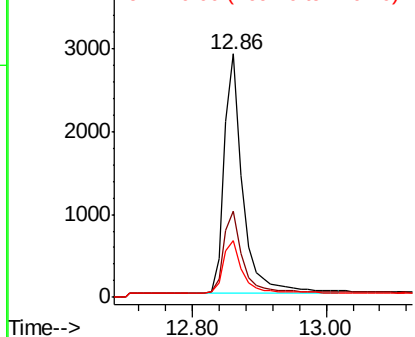


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.250 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

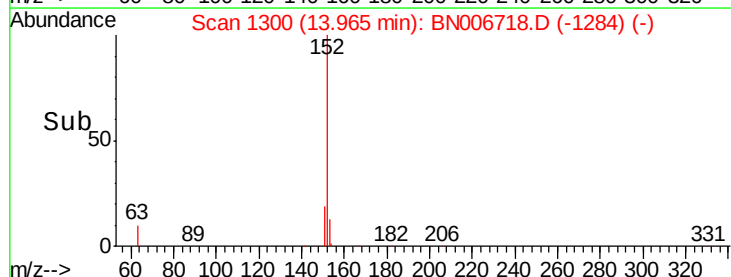
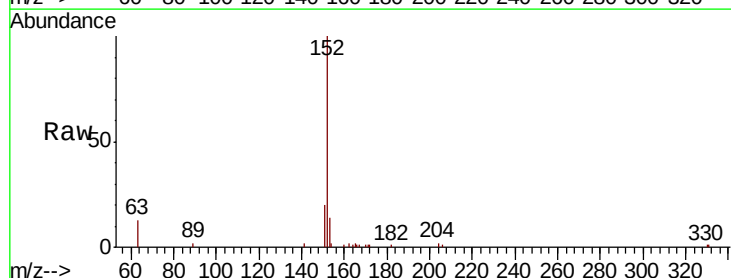
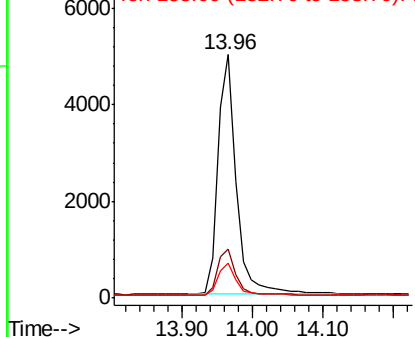
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8

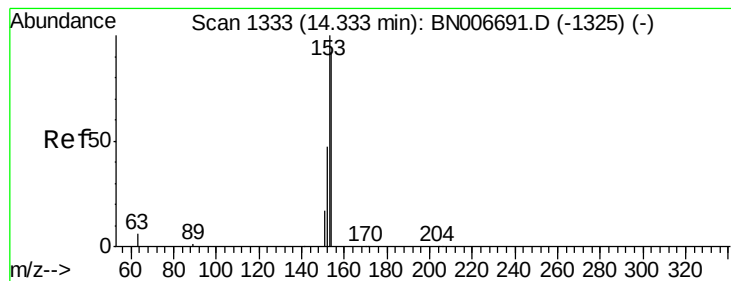
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.227 ng

RT: 14.30 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

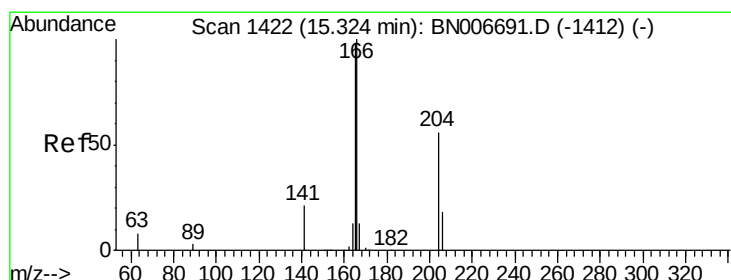
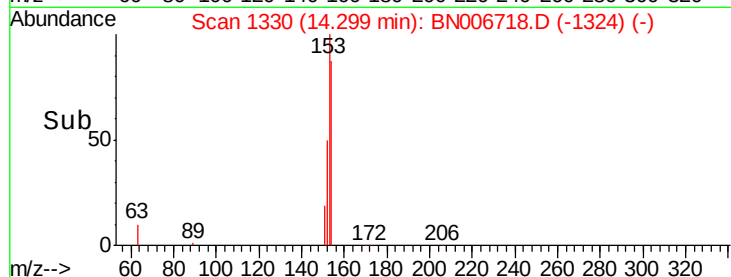
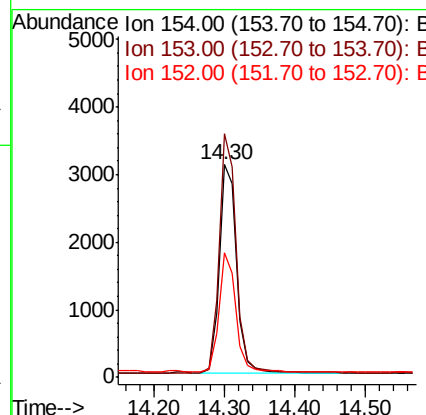
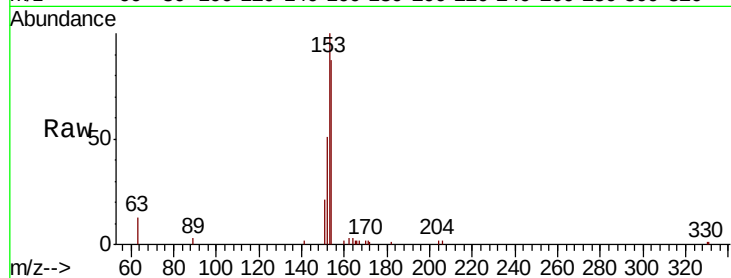
ClientSampleId :

PST-032-B204-062519MS

Tot Ion:	154	Resp:	5305
Ion Ratio	Lower	Upper	
154	100		
153	113.7	88.9	133.3
152	56.0	42.8	64.2

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#18

Fluorene

Concen: 0.240 ng

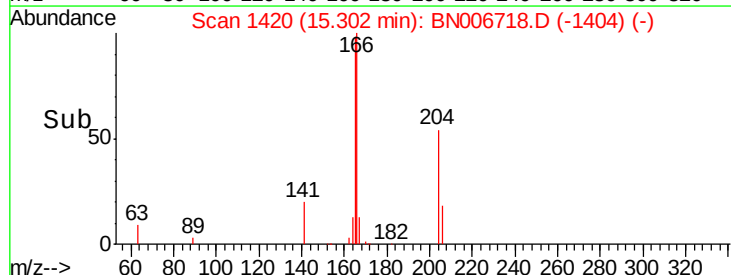
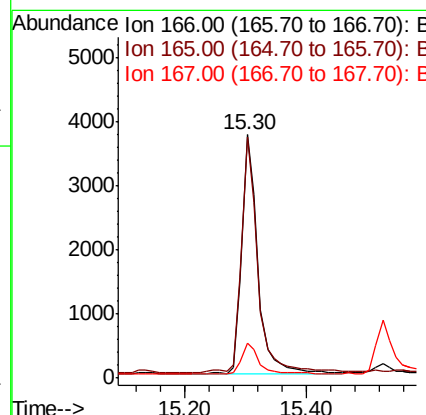
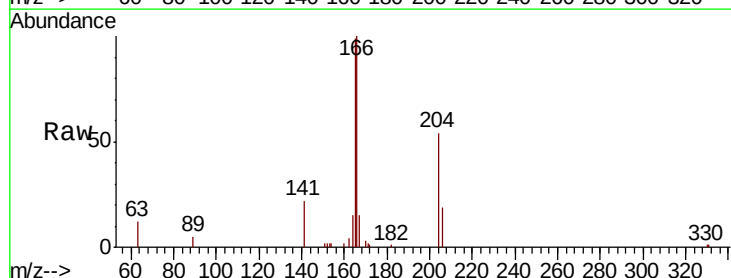
RT: 15.30 min Scan# 1420

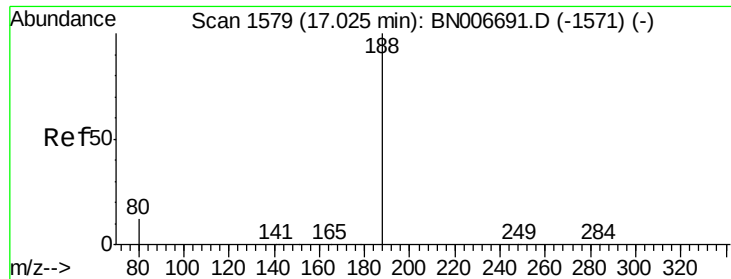
Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tgt Ion:	166	Resp:	6961
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.0	117.0
167	13.9	10.7	16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.00 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

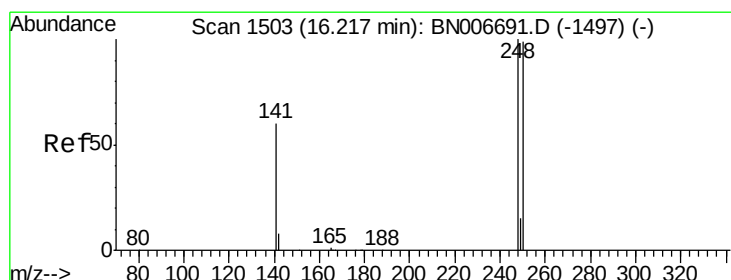
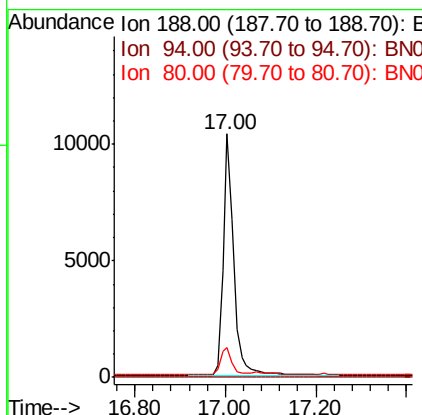
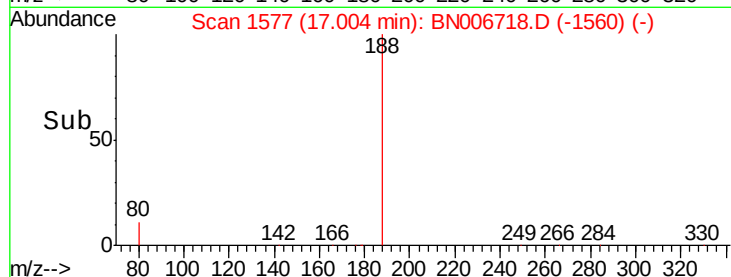
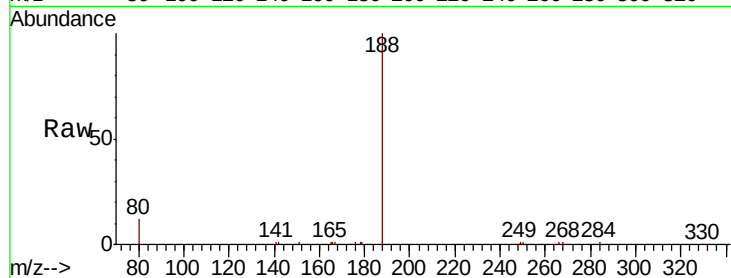
ClientSampleId :

PST-032-B204-062519MS

Tot Ion:	188	Resp:	17363
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.1	10.3	15.5

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#20

4-Bromophenyl-phenylether

Concen: 0.196 ng

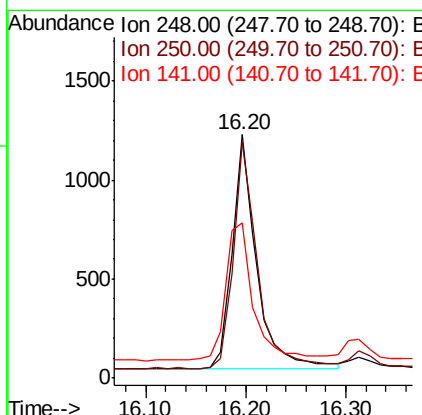
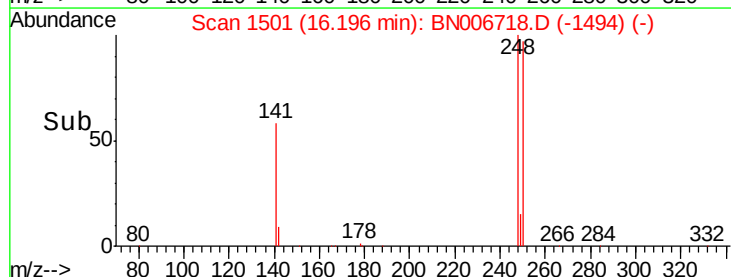
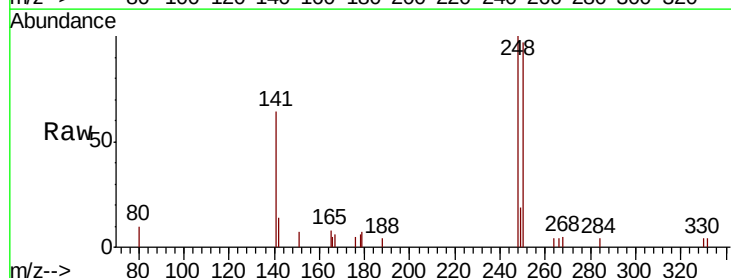
RT: 16.20 min Scan# 1501

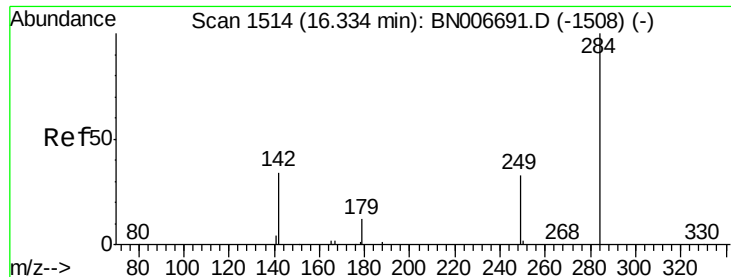
Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tgt Ion:	248	Resp:	2009
Ion Ratio	Lower	Upper	
248	100		
250	96.8	79.0	118.6
141	63.7	50.2	75.4





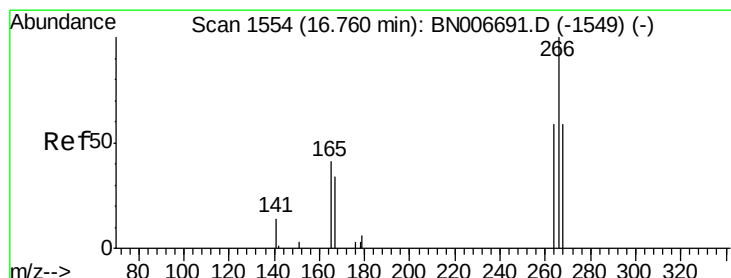
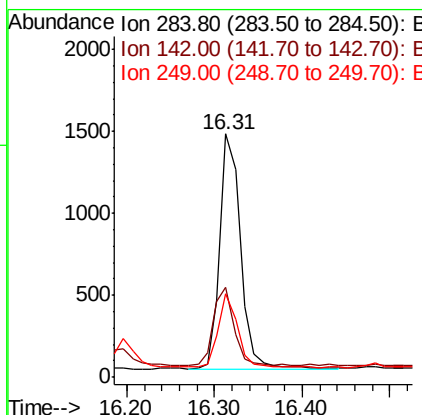
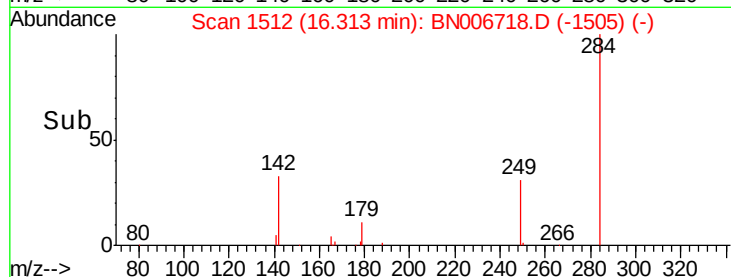
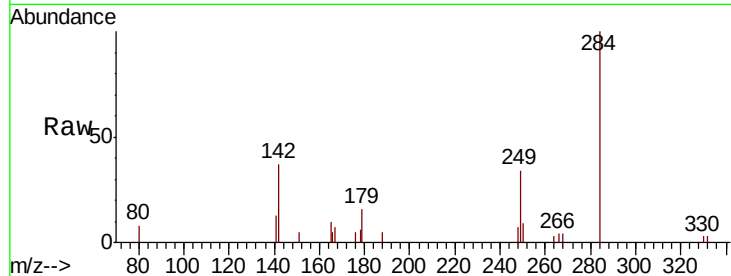
#21
Hexachlorobenzene
Concen: 0.193 ng
RT: 16.31 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.9	40.3
249	29.5	24.4	36.6

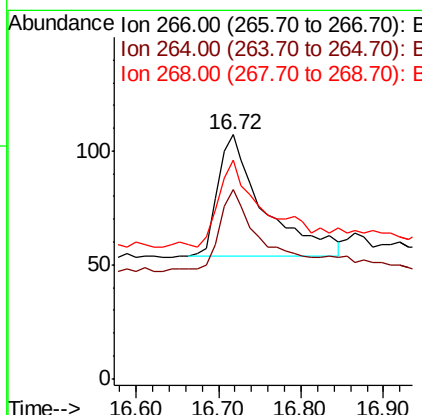
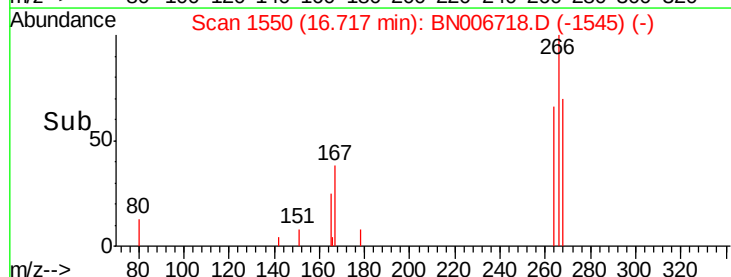
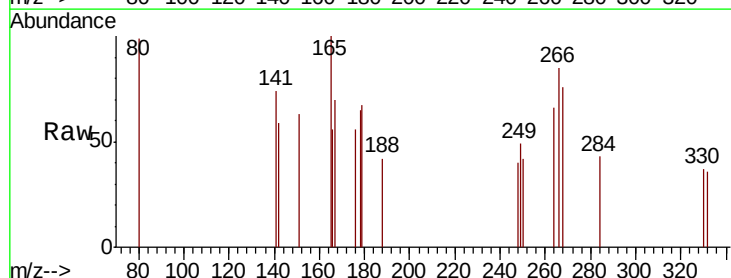
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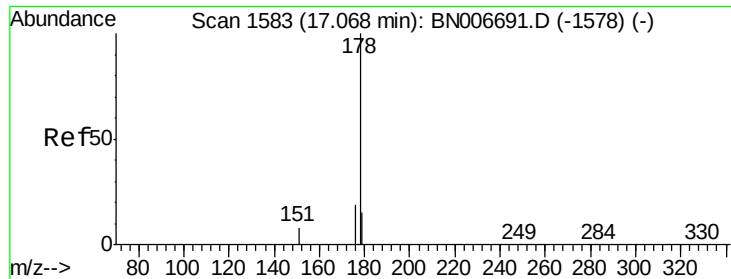
mohammad
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#22
Pentachlorophenol
Concen: 0.237 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.04 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	77.6	57.6	86.4
268	89.7	66.6	99.8





#23

Phenanthrene

Concen: 0.299 ng

RT: 17.05 min Scan# 1581

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

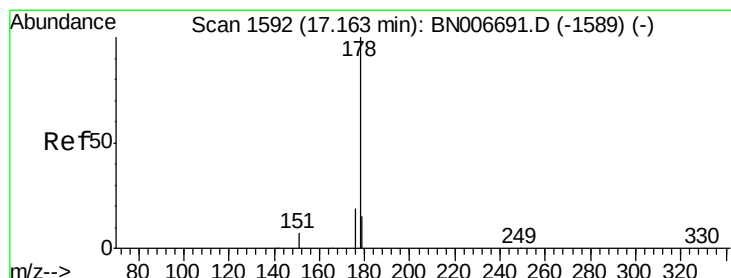
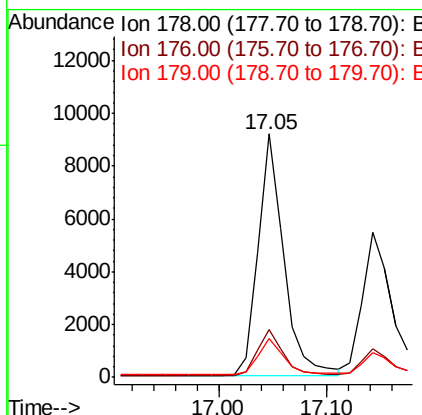
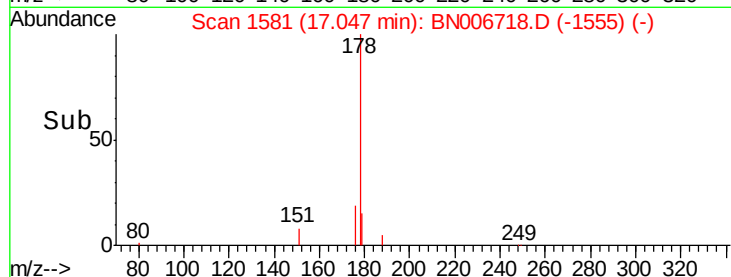
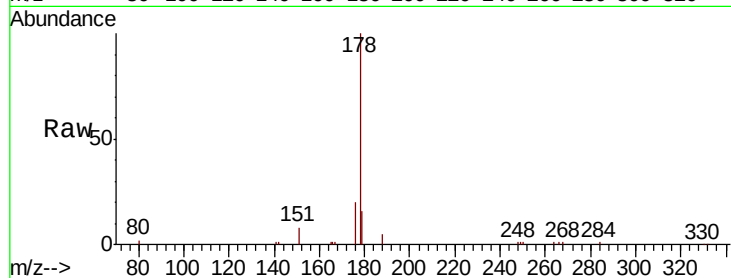
ClientSampleId :

PST-032-B204-062519MS

Tot Ion:178	Resp:	14978
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.3 22.9
179	15.6	12.4 18.6

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#24

Anthracene

Concen: 0.229 ng

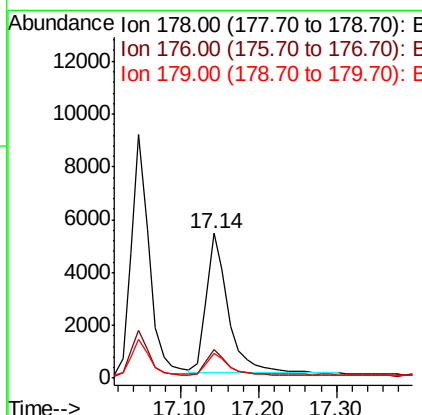
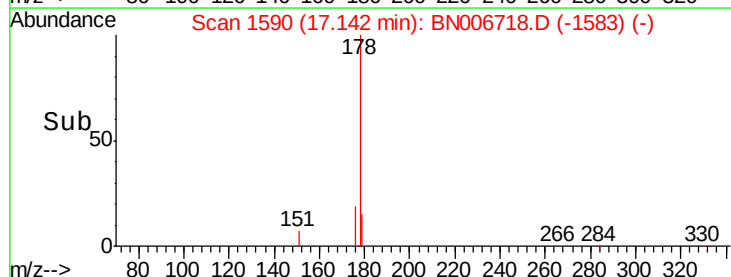
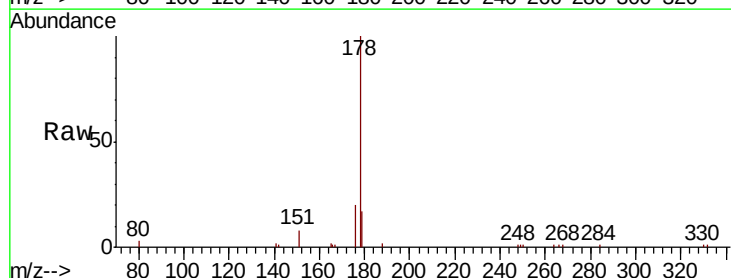
RT: 17.14 min Scan# 1590

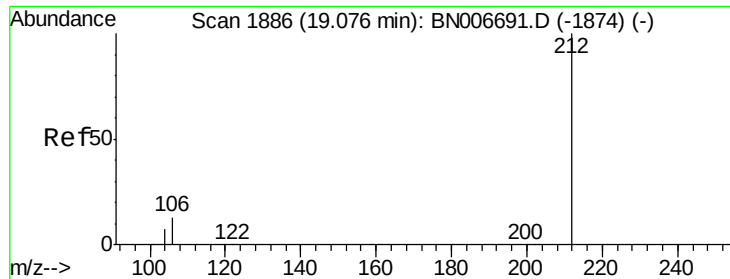
Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tgt Ion:178	Resp:	10379
Ion Ratio	Lower	Upper
178	100	
176	18.5	14.8 22.2
179	14.7	11.9 17.9





#25

Fluoranthene-d10

Concen: 0.204 ng

RT: 19.05 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

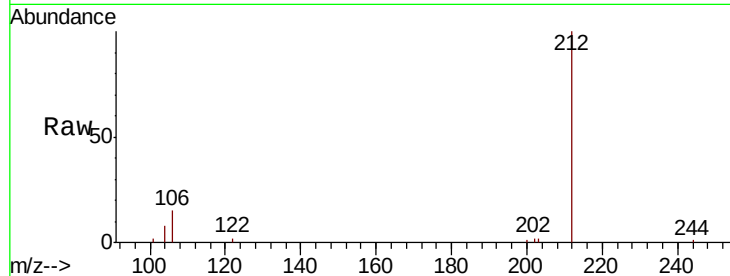
ClientSampleId :

PST-032-B204-062519MS

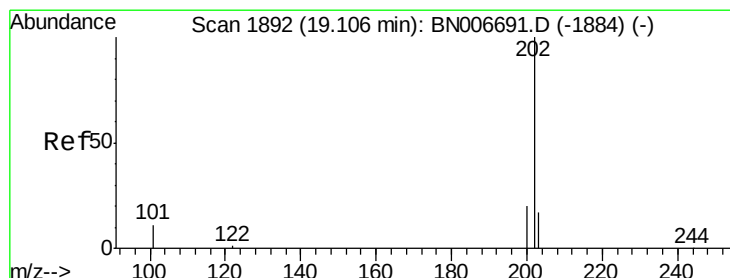
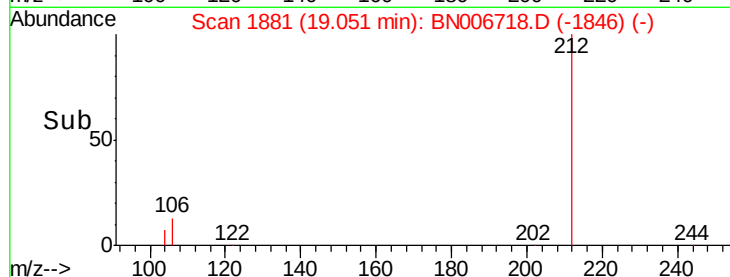
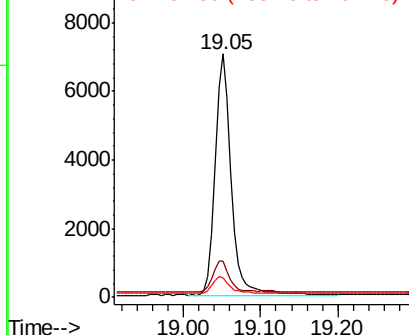
Tot Ion:	212	Resp:	10138
Ion Ratio	Lower	Upper	
212	100		
106	13.4	11.0	16.6
104	7.6	6.1	9.1

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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: 0.389 ng

RT: 19.08 min Scan# 1887

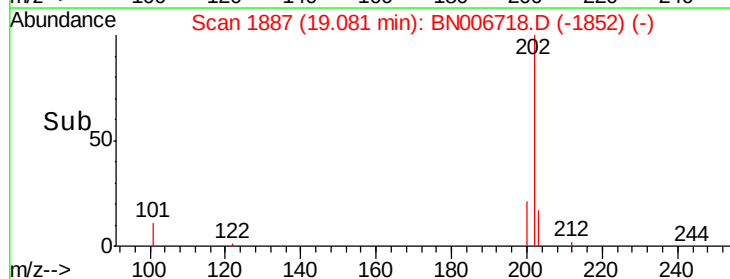
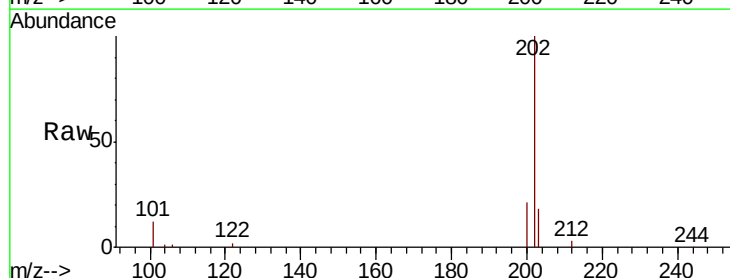
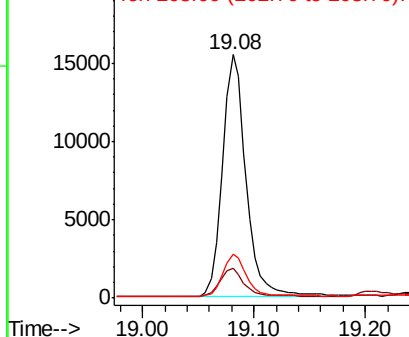
Delta R.T. -0.02 min

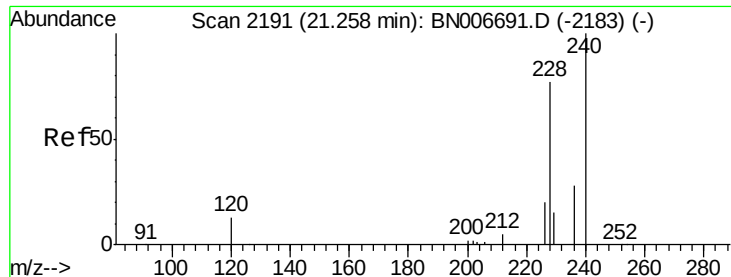
Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Tgt Ion:	202	Resp:	22855
Ion Ratio	Lower	Upper	
202	100		
101	12.6	8.7	13.1
203	17.2	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





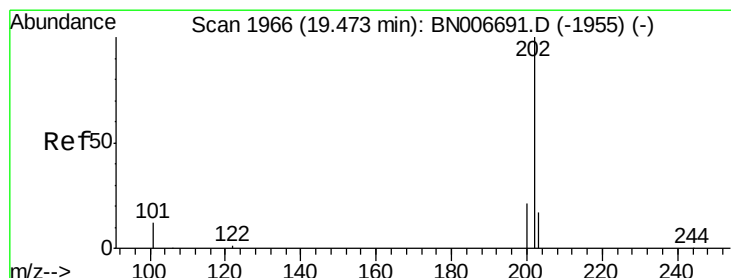
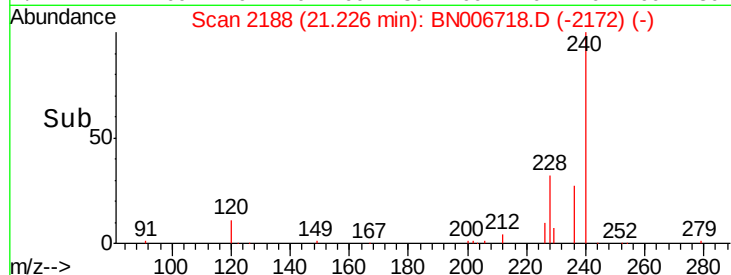
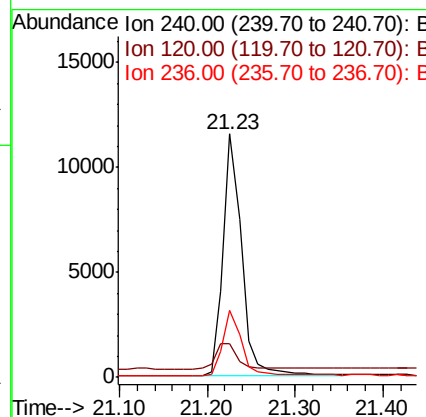
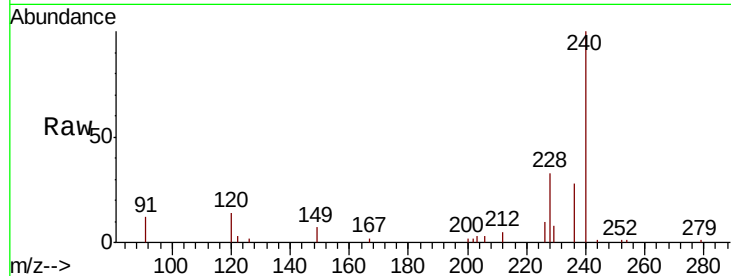
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	27.7	23.2	34.8

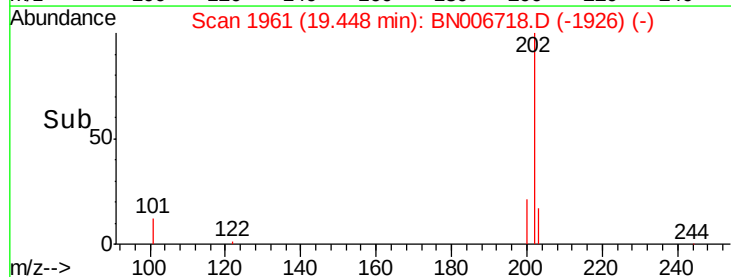
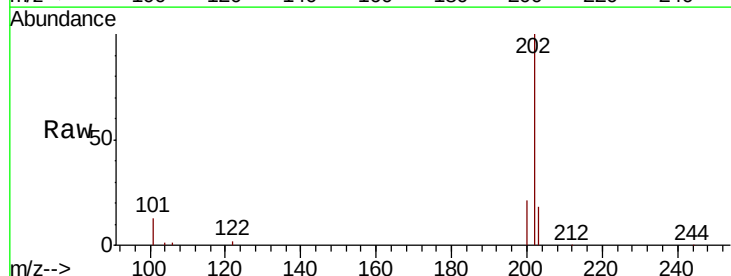
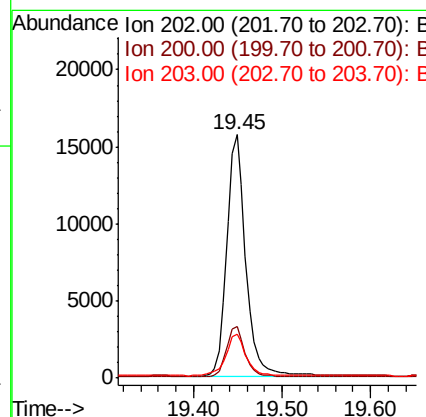
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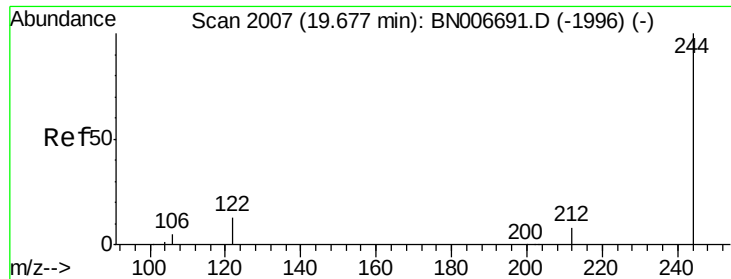
mohammad
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#28
Pyrene
Concen: 0.345 ng
RT: 19.45 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	18.4	14.2	21.2





#29

Terphenyl-d14

Concen: 0.182 ng

RT: 19.65 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

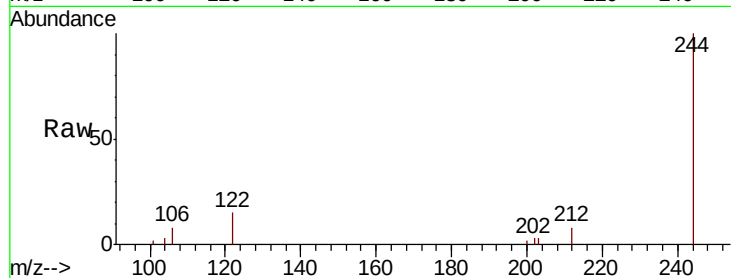
ClientSampleId :

PST-032-B204-062519MS

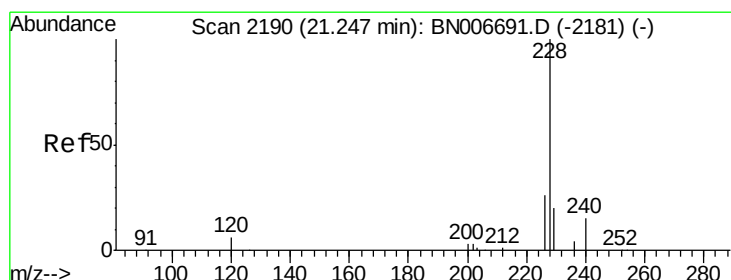
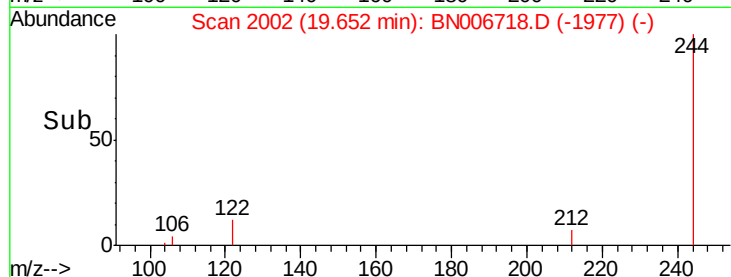
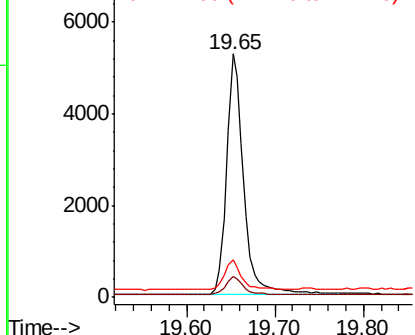
Tot Ion:	244	Resp:	7119
Ion Ratio	Lower	Upper	
244	100		
212	8.5	7.0	10.4
122	15.3	11.5	17.3

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.287 ng

RT: 21.22 min Scan# 2187

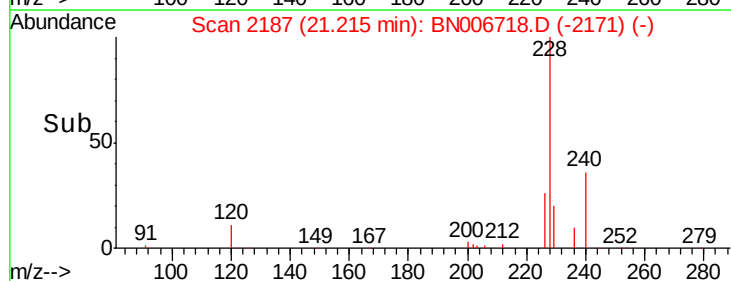
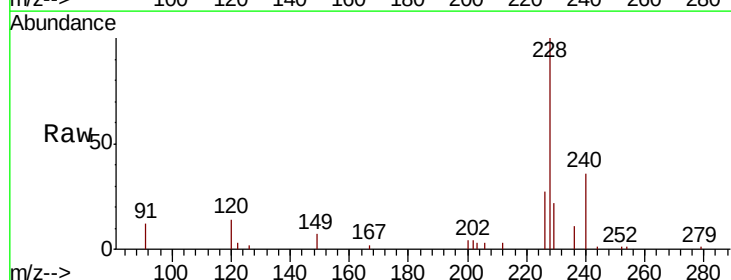
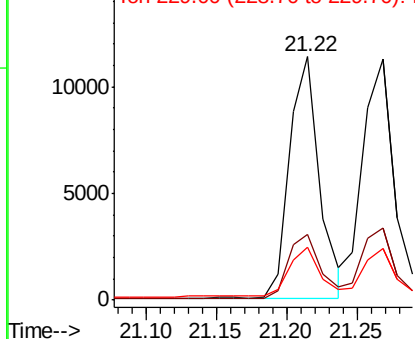
Delta R.T. -0.03 min

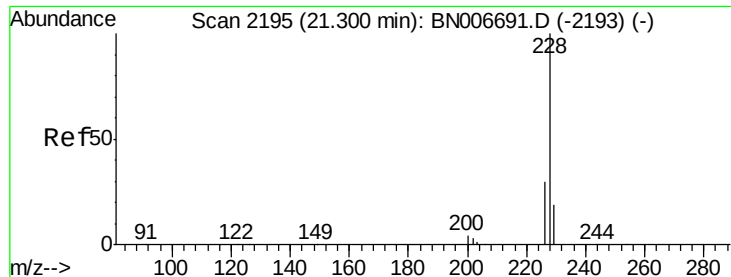
Lab File: BN006718.D

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Tgt Ion:	228	Resp:	16836
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.5	32.3
229	21.6	16.2	24.4

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





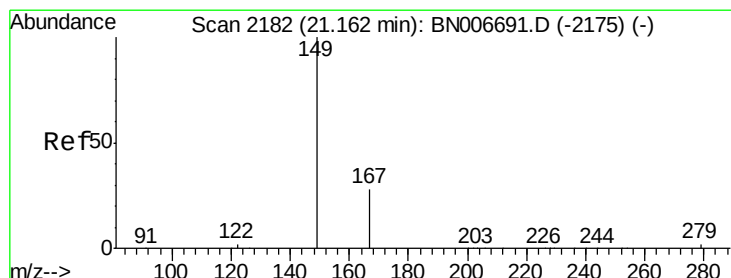
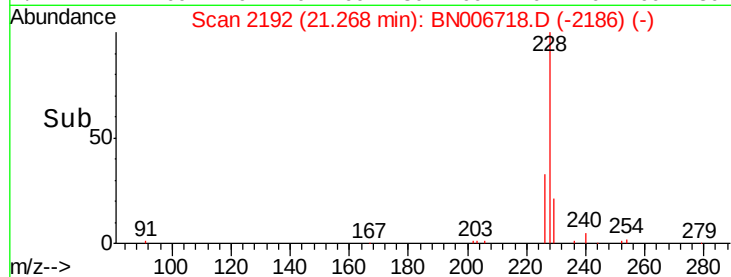
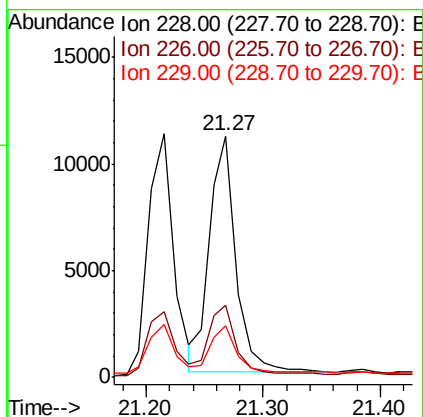
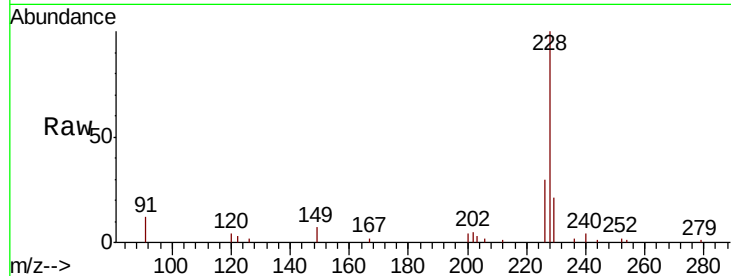
#31
Chrysene
Concen: 0.289 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	21.3	15.8	23.6

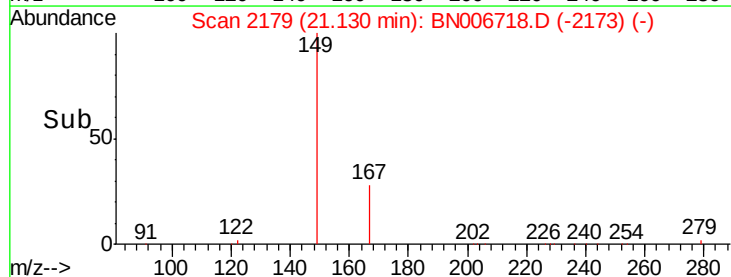
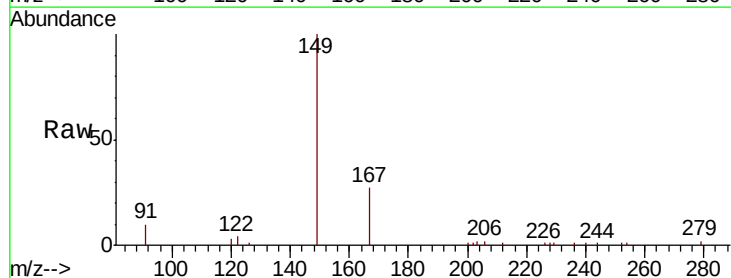
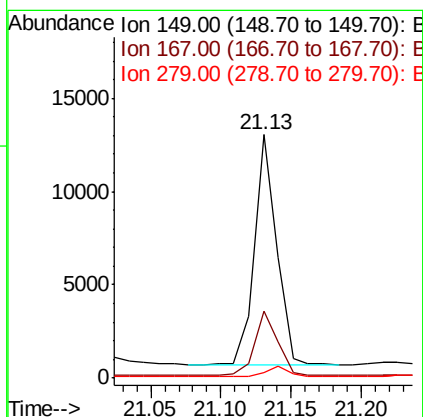
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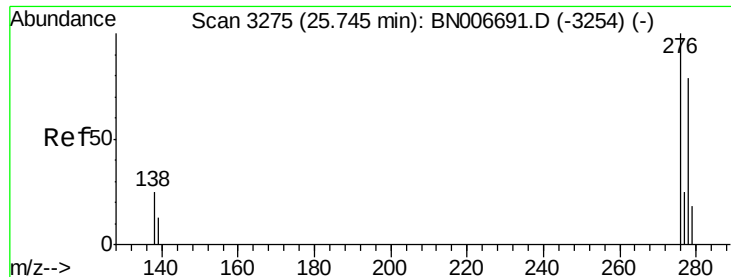
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.078 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.03 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.9	34.3
279	4.5	3.2	4.8





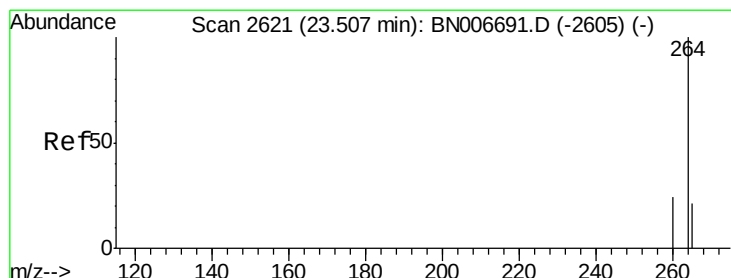
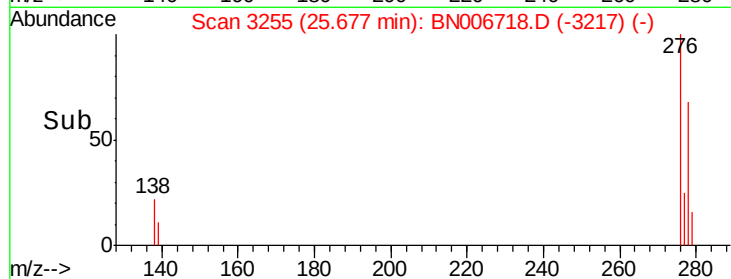
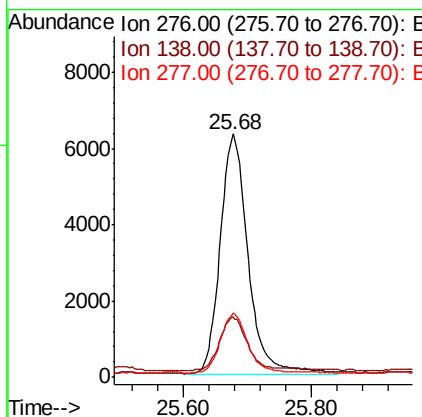
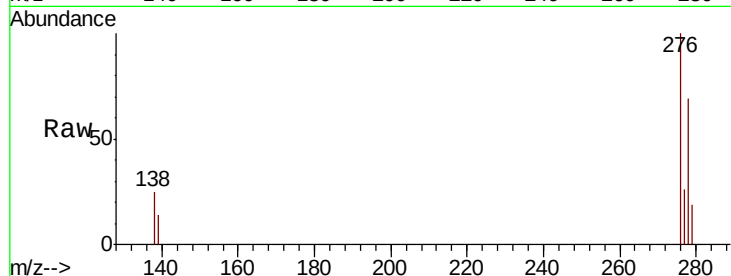
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng
RT: 25.68 min Scan# 3255
Delta R.T. -0.07 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	19.5	29.3
277	24.5	19.7	29.5

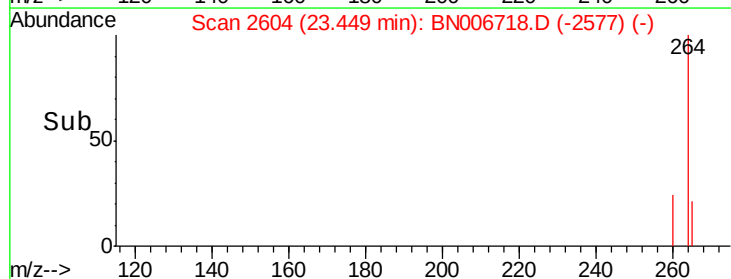
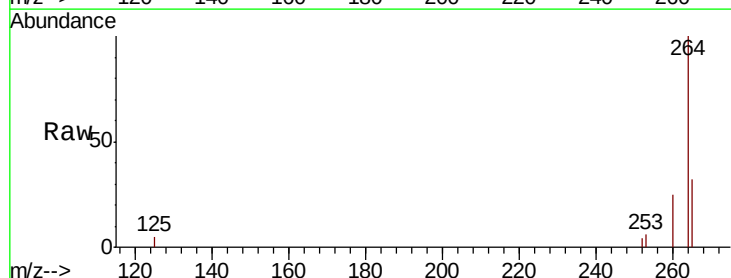
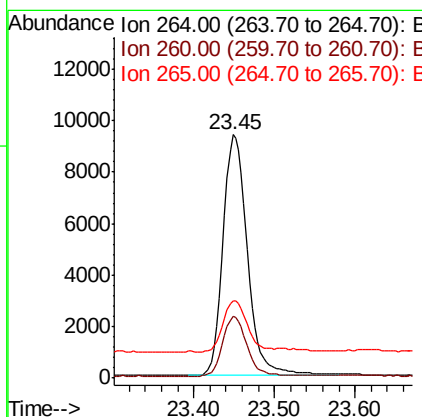
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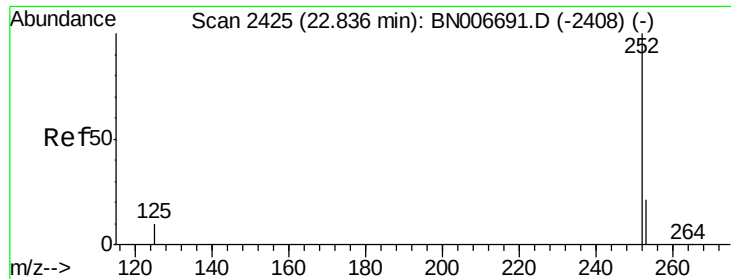
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.45 min Scan# 2604
Delta R.T. -0.06 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	31.9	33.7	50.5#





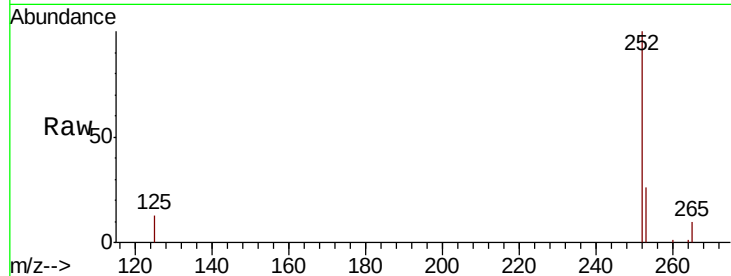
#35
Benzo(b)fluoranthene
Concen: 0.293 ng
RT: 22.79 min Scan# 2411
Delta R.T. -0.05 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

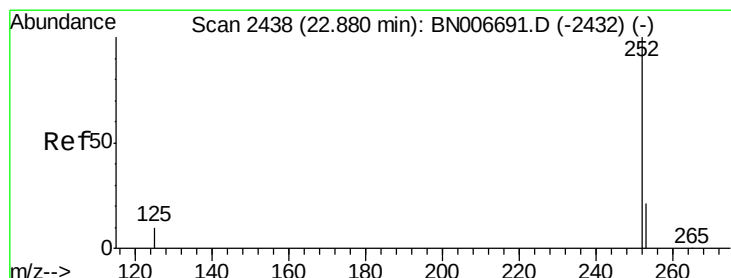
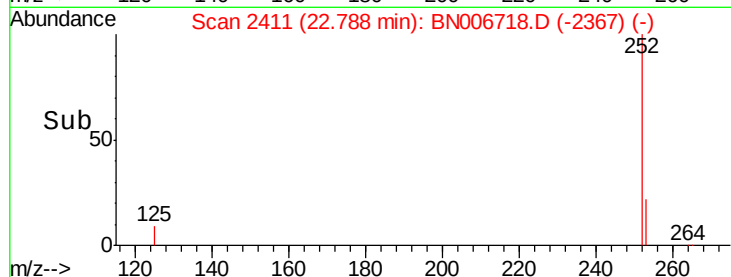
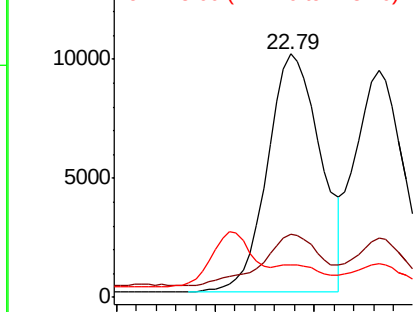
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.2	30.2
125	13.5	11.5	17.3

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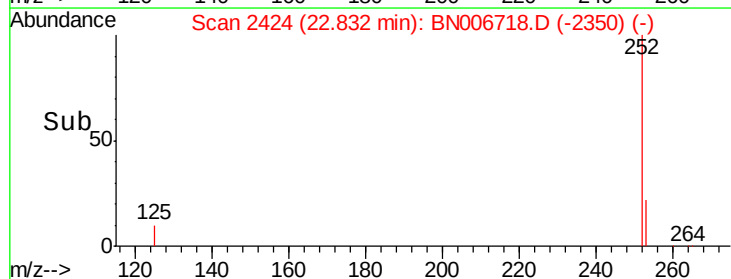
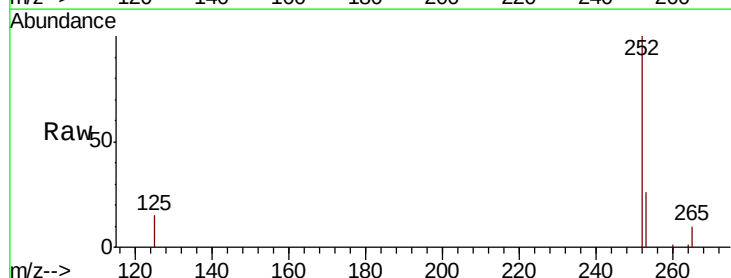
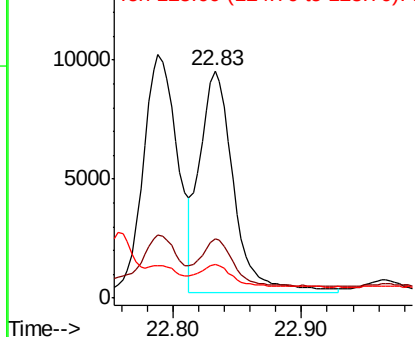
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

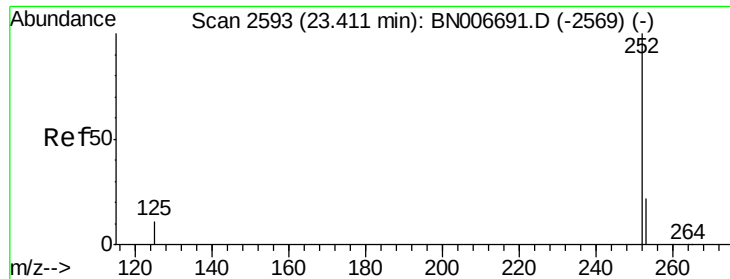


#36
Benzo(k)fluoranthene
Concen: 0.248 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.05 min
Lab File: BN006718.D
Acq: 05 Jul 2019 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.1	30.1
125	14.6	11.4	17.0

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





#37

Benzo(a)pyrene

Concen: 0.282 ng

RT: 23.36 min Scan# 2577

Delta R.T. -0.05 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

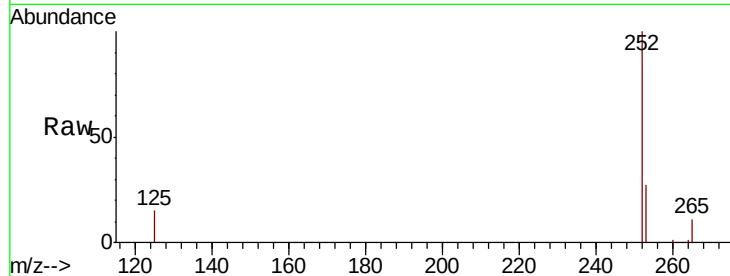
ClientSampleId :

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Tot Ion:	252	Resp:	17345
Ion Ratio	Lower	Upper	
252	100		
253	26.8	21.4	32.2
125	15.1	13.3	19.9

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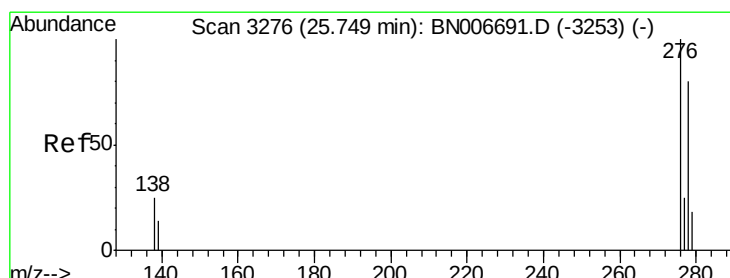
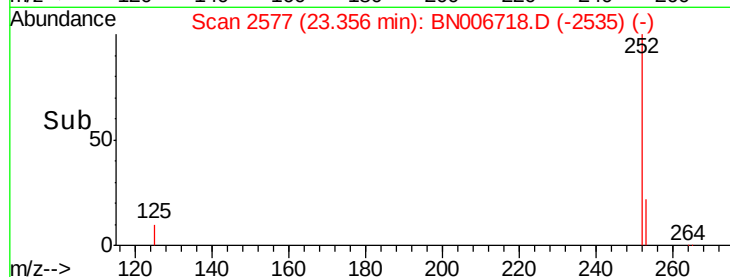
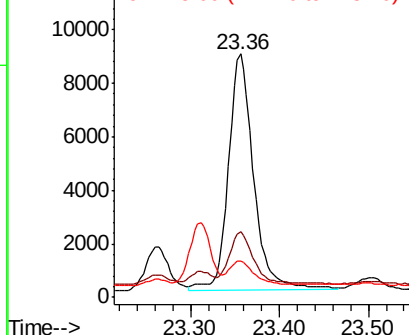


Abundance

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: 0.216 ng

RT: 25.68 min Scan# 3256

Delta R.T. -0.07 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

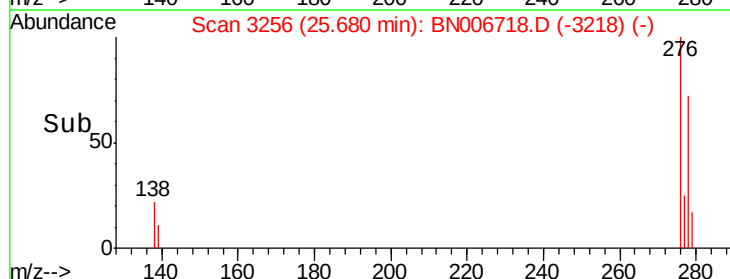
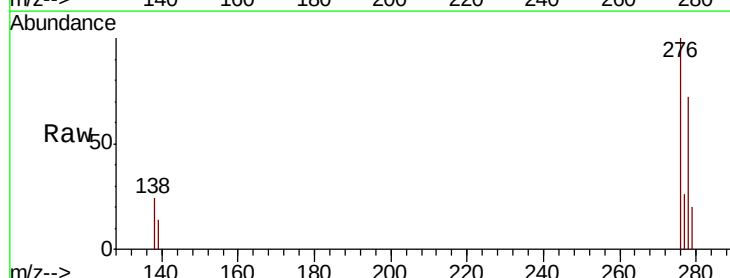
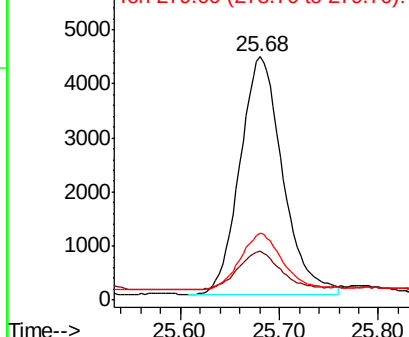
Tgt Ion:	278	Resp:	13215
Ion Ratio	Lower	Upper	
278	100		
139	20.1	16.2	24.4
279	27.6	20.7	31.1

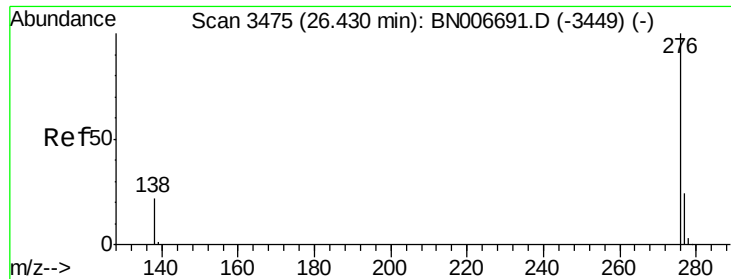
Abundance

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: 0.270 ng

RT: 26.35 min Scan# 3452

Delta R.T. -0.08 min

Lab File: BN006718.D

Acq: 05 Jul 2019 16:33

Instrument :

BNA_N

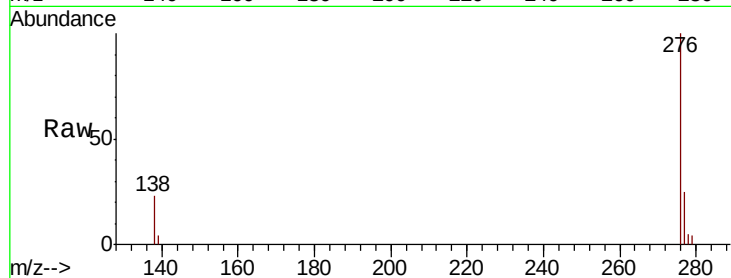
ClientSampleId :

PST-032-B204-062519MS

Tot Ion:	276	Resp:	16940
Ion Ratio	Lower	Upper	
276	100		
277	25.1	20.6	30.8
138	22.7	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

