Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018259.D
Acq On : 29 Dec 2021 13:12
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 29 13:49:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	29680	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	115555	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	65747	0.400	ng		0.00
19) Phenanthrene-d10	17.005	188	121364	0.400	ng	#	0.00
29) Chrysene-d12	21.196	240	114522	0.400	ng	#	0.00
35) Perylene-d12	23.420	264	91602	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.245	112	104366	1.611	ng		0.00
5) Phenol-d6	6.822	99	105267	1.517	ng		0.00
8) Nitrobenzene-d5	8.785	82	121719	1.565	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	329587	1.660	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	38722	1.209	ng		-0.01
15) 2-Fluorobiphenyl	12.899	172	424333	1.726	ng		0.00
27) Fluoranthene-d10	19.038	212	693845	1.805	ng		0.00
31) Terphenyl-d14	19.644	244	455893	1.809	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.180	88	28266	1.586	ng	#	63
3) n-Nitrosodimethylamine	3.502	42	44092	1.700	ng		97
6) bis(2-Chloroethyl)ether	7.071	93	123797	1.656	ng		100
9) Naphthalene	10.457	128	474822	1.665	ng		100
10) Hexachlorobutadiene	10.762	225	131250	1.730	ng	#	99
12) 2-Methylnaphthalene	12.083	142	310015	1.645	ng		99
16) Acenaphthylene	13.977	152	433421	1.774	ng		100
17) Acenaphthene	14.332	154	288367	1.693	ng		98
18) Fluorene	15.309	166	350009	1.671	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	4178	0.968	ng	#	83
21) 4-Bromophenyl-phenylether	16.202	248	135496	1.824	ng		97
22) Hexachlorobenzene	16.324	284	156997	1.783	ng		100
23) Atrazine	16.482	200	87327	1.895	ng	#	96
24) Pentachlorophenol	16.665	266	21250	0.861	ng		99
25) Phenanthrene	17.042	178	557422	1.731	ng		100
26) Anthracene	17.139	178	475109	1.790	ng		100
28) Fluoranthene	19.068	202	669601	1.780	ng		99
30) Pyrene	19.430	202	678430	1.846	ng		100
32) Benzo(a)anthracene	21.174	228	579517	1.742	ng		99
33) Chrysene	21.228	228	602926	1.661	ng		99
34) Bis(2-ethylhexyl)phtha...	21.121	149	246364	1.980	ng		99
36) Indeno(1,2,3-cd)pyrene	25.679	276	390758	1.474	ng		99
37) Benzo(b)fluoranthene	22.749	252	518839	1.831	ng		99
38) Benzo(k)fluoranthene	22.793	252	508469	1.781	ng		99
39) Benzo(a)pyrene	23.320	252	435338	1.710	ng		99
40) Dibenzo(a,h)anthracene	25.699	278	278726	1.432	ng		98
41) Benzo(g,h,i)perylene	26.370	276	370598	1.517	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018259.D
Acq On : 29 Dec 2021 13:12
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 29 13:49:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
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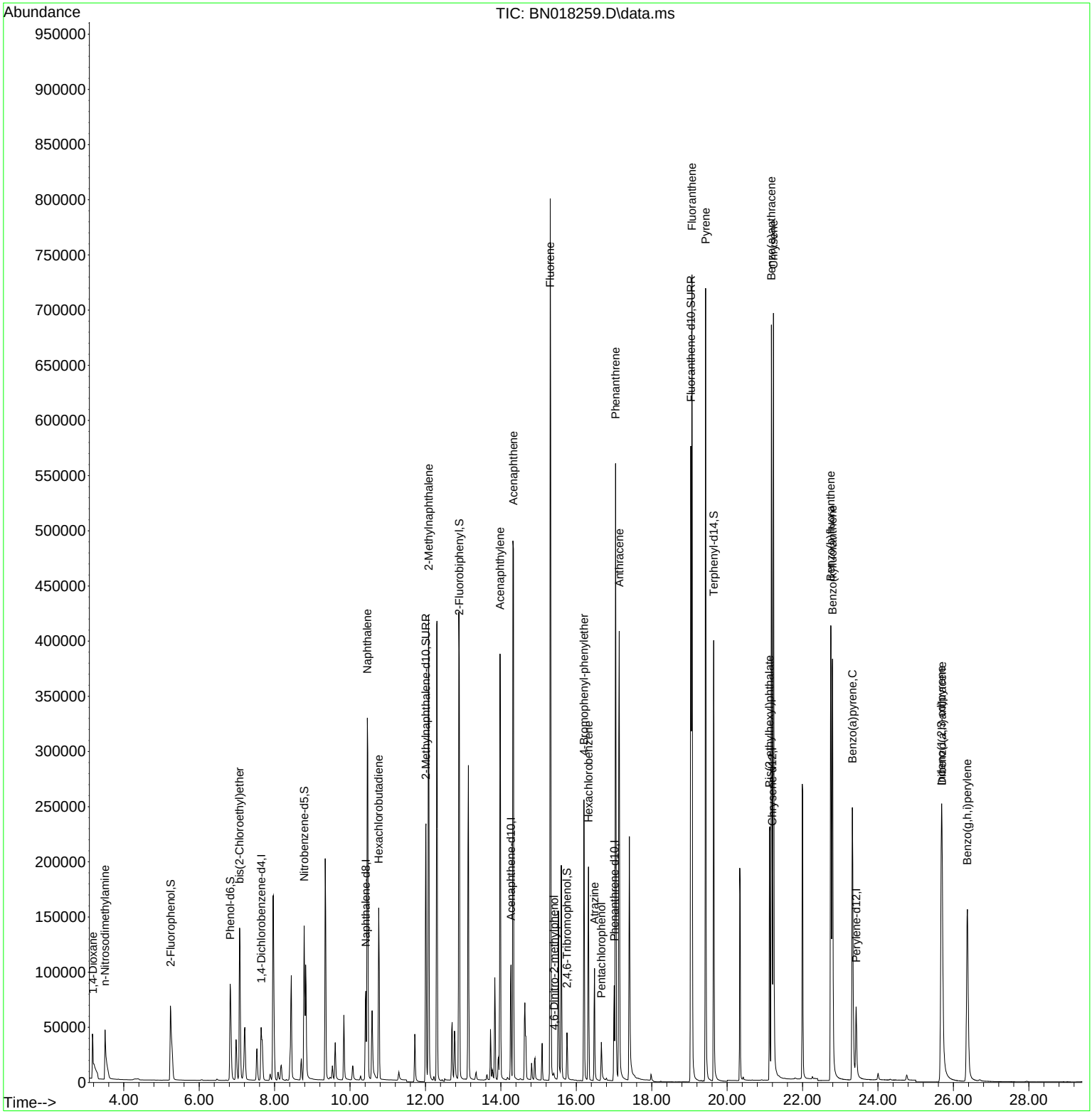
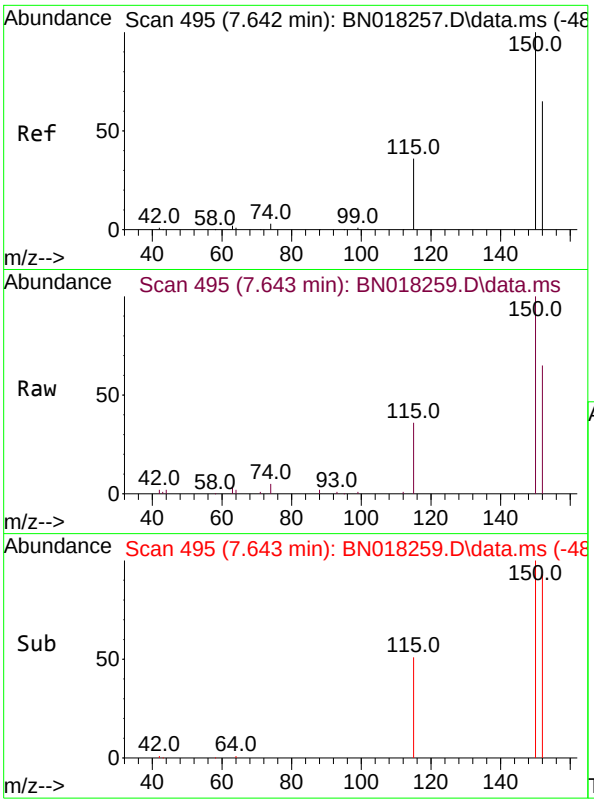


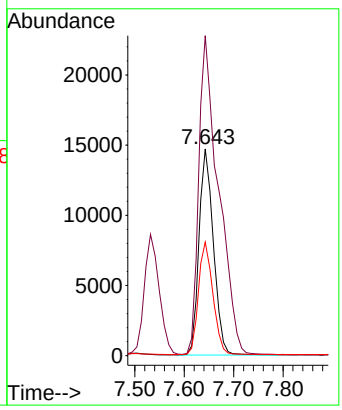


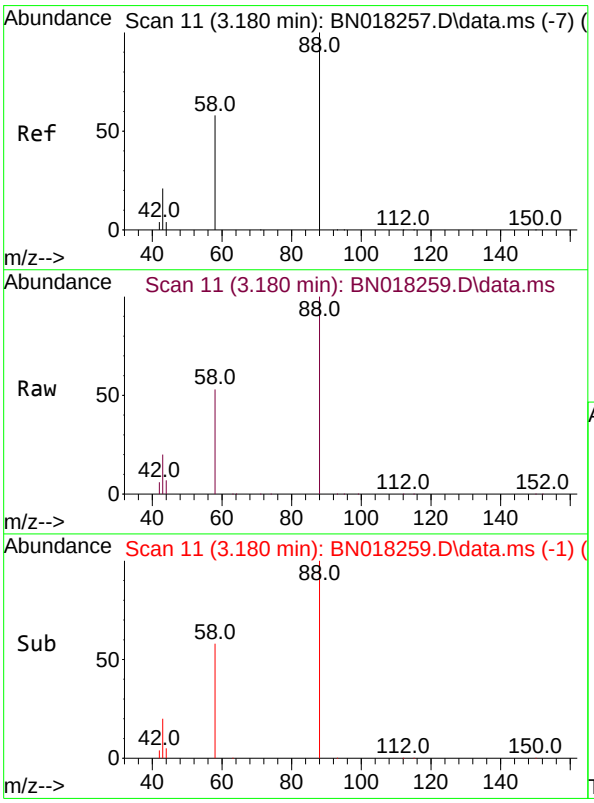
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 29680

Ion	Ratio	Lower	Upper
152	100		
150	154.7	121.7	182.5
115	54.9	43.8	65.8

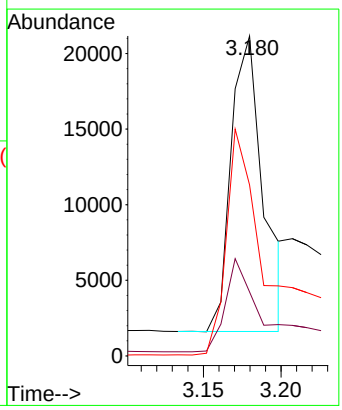


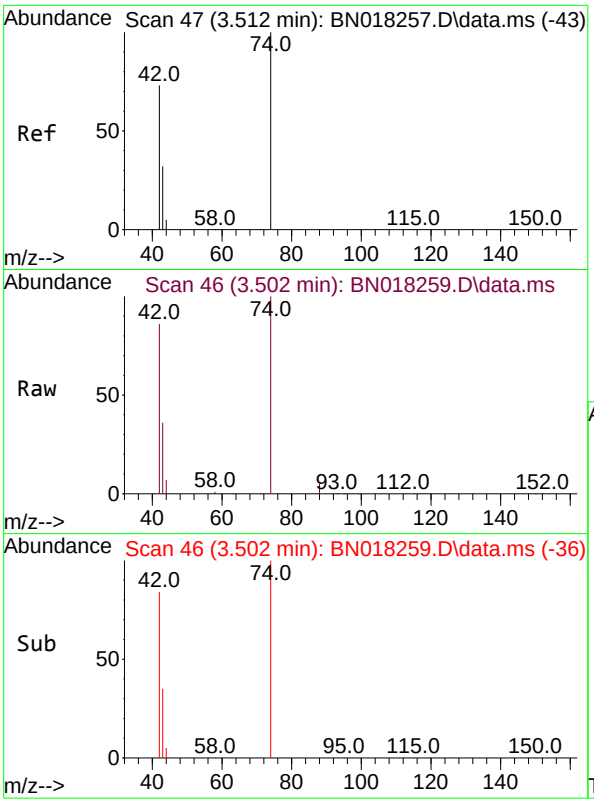


#2
1,4-Dioxane
Concen: 1.586 ng
RT: 3.180 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion: 88 Resp: 28266

Ion	Ratio	Lower	Upper
88	100		
43	33.9	69.7	104.5#
58	85.0	83.8	125.8



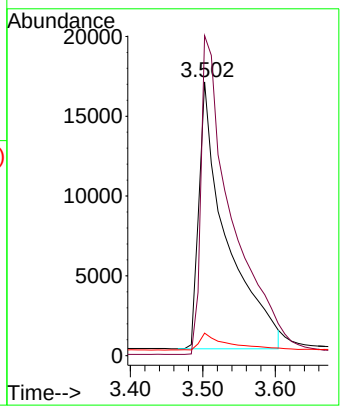


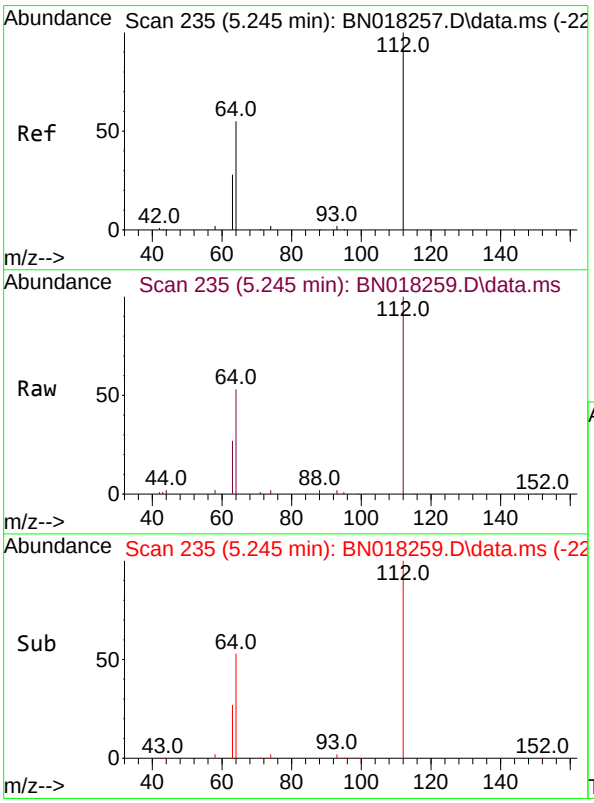
#3
n-Nitrosodimethylamine
Concen: 1.700 ng
RT: 3.502 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 44092

Ion	Ratio	Lower	Upper
42	100		
74	132.1	108.6	163.0
44	6.5	5.8	8.8

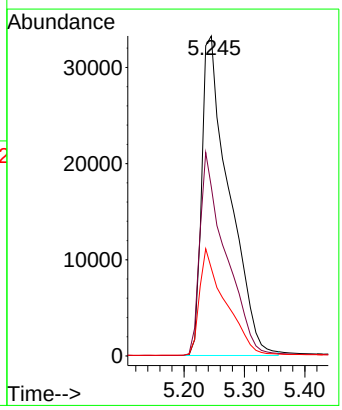


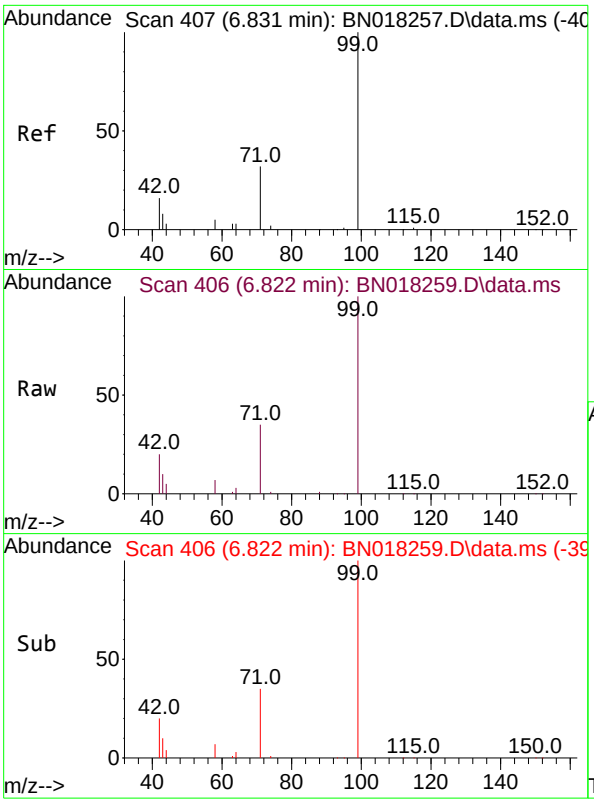


#4
2-Fluorophenol
Concen: 1.611 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:112 Resp: 104366

Ion	Ratio	Lower	Upper
112	100		
64	59.9	48.0	72.0
63	31.4	25.3	37.9



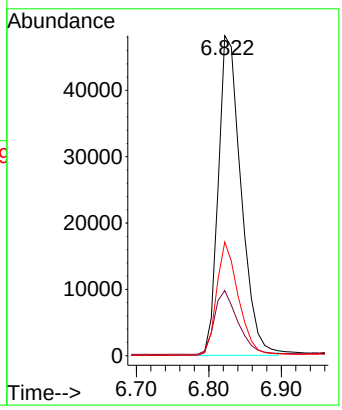


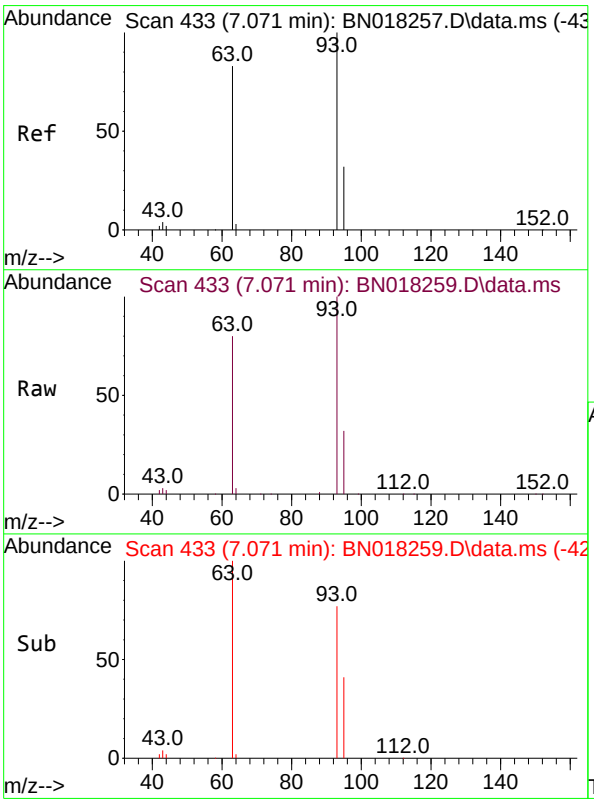
#5
Phenol-d6
Concen: 1.517 ng
RT: 6.822 min Scan# 40
Delta R.T. -0.009 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 105267

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.3	24.5
71	33.9	26.8	40.2

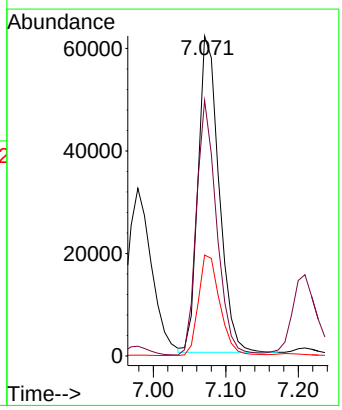


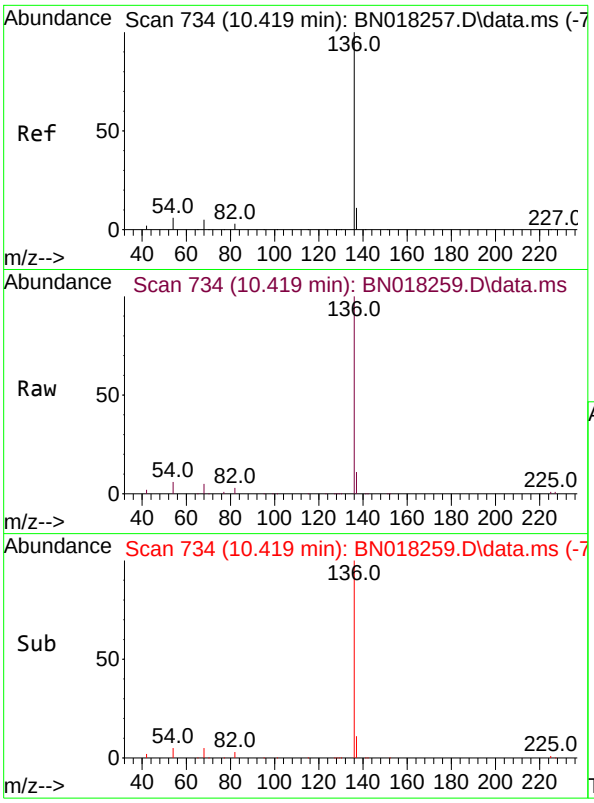


#6
bis(2-Chloroethyl)ether
Concen: 1.656 ng
RT: 7.071 min Scan# 433
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion: 93 Resp: 123797

Ion	Ratio	Lower	Upper
93	100		
63	77.5	61.7	92.5
95	32.6	26.2	39.4



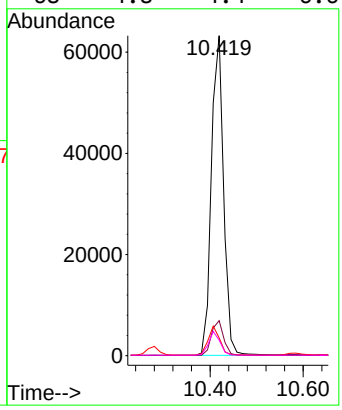


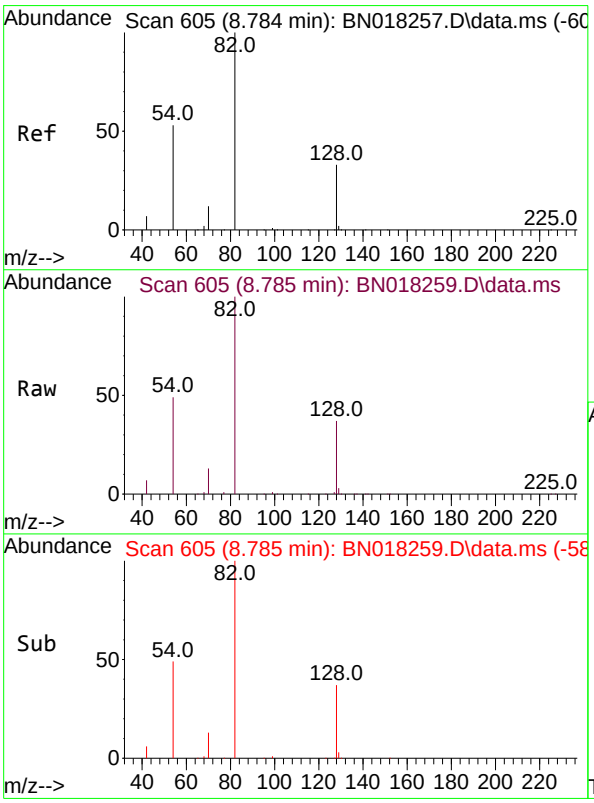
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 115555

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.6	5.0	7.6
68	4.8	4.4	6.6

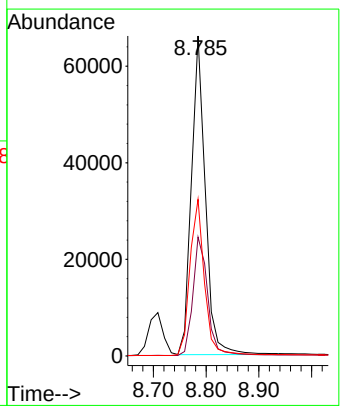


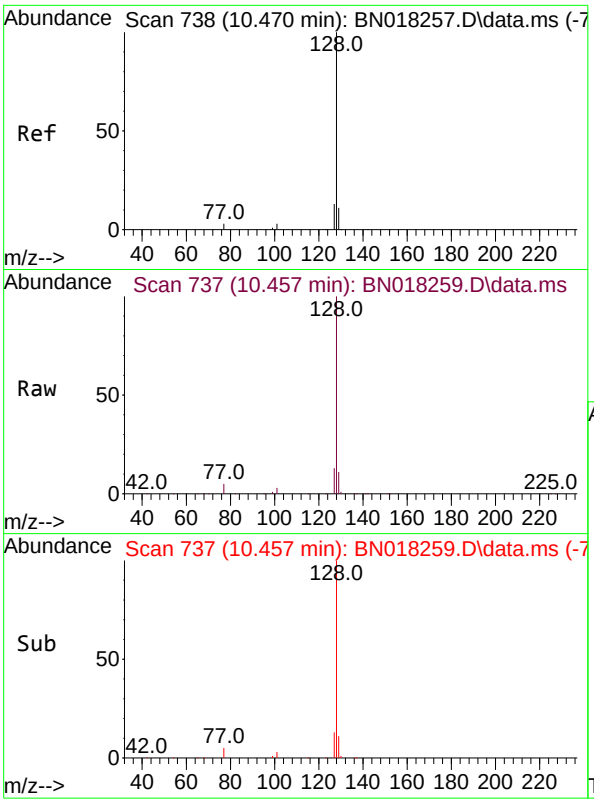


#8
Nitrobenzene-d5
Concen: 1.565 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion: 82 Resp: 121719

Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.7	50.5
54	49.0	36.6	55.0



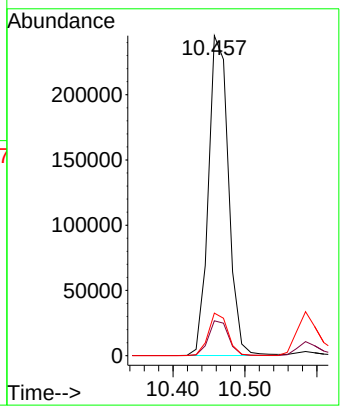


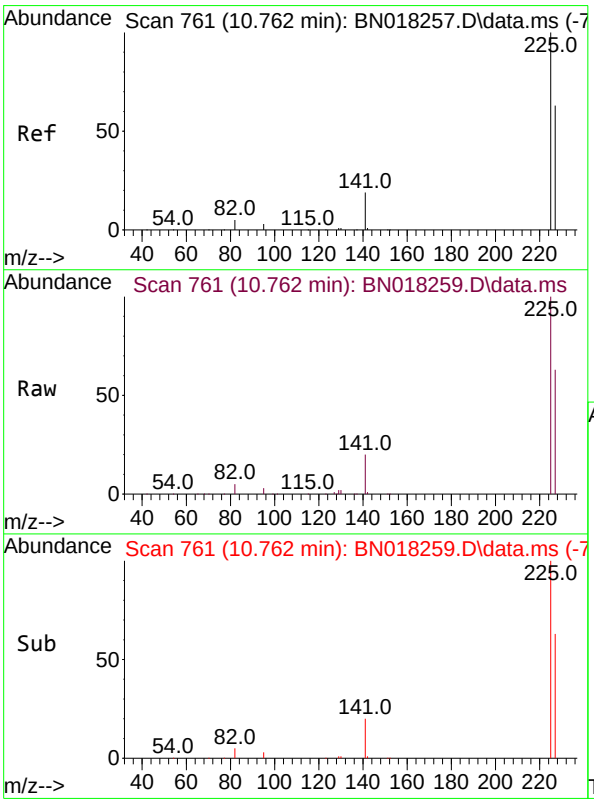
#9
Naphthalene
Concen: 1.665 ng
RT: 10.457 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 474822

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.4	15.6

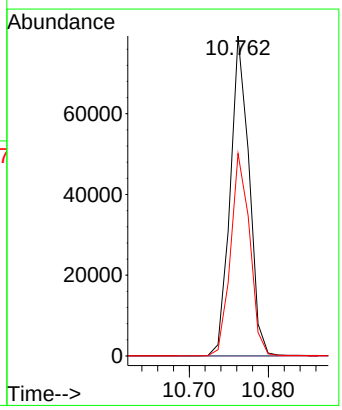


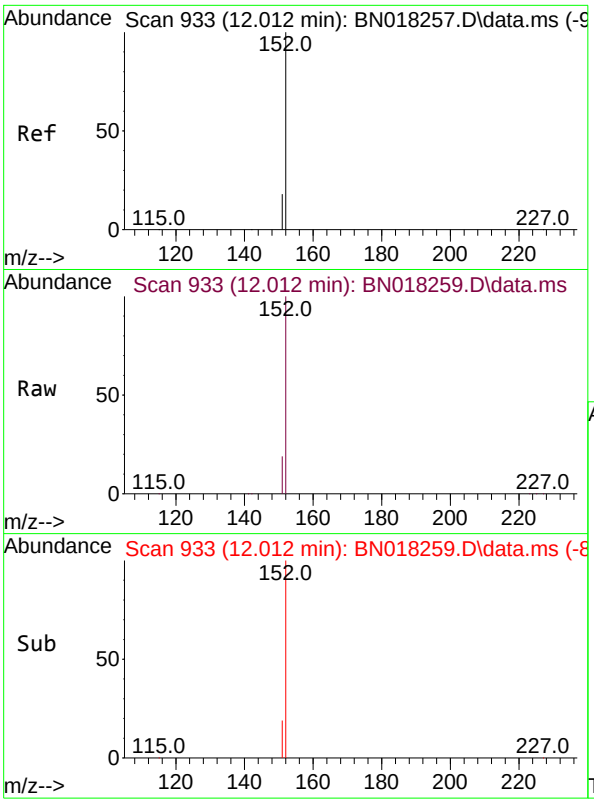


#10
Hexachlorobutadiene
Concen: 1.730 ng
RT: 10.762 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:225 Resp: 131250

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.0	76.6



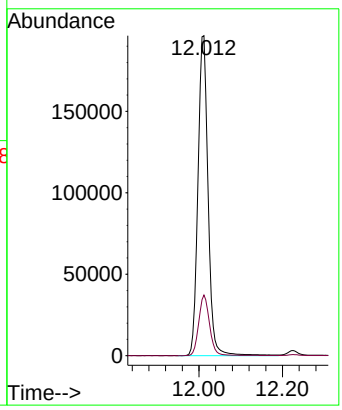


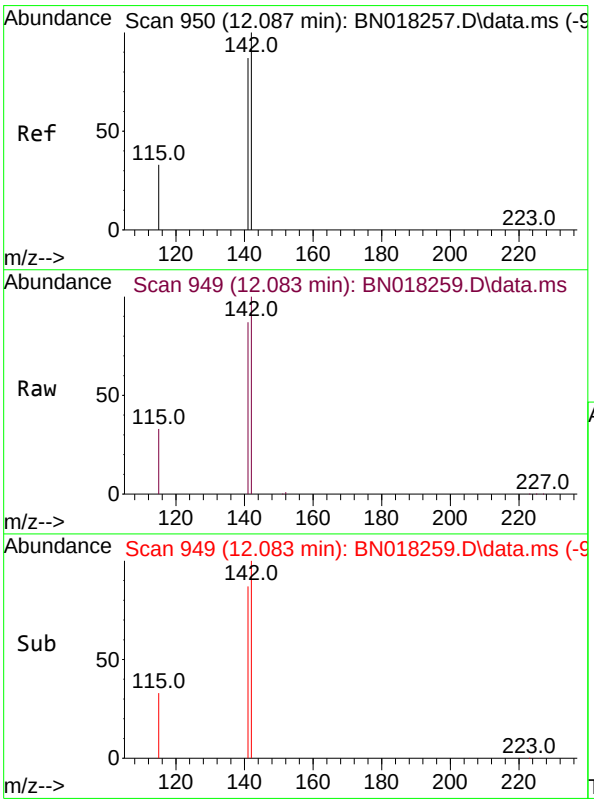
#11
2-Methylnaphthalene-d10
Concen: 1.660 ng
RT: 12.012 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 329587

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2

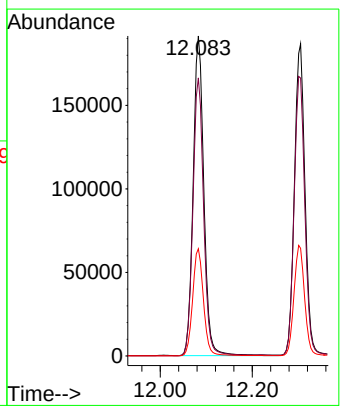


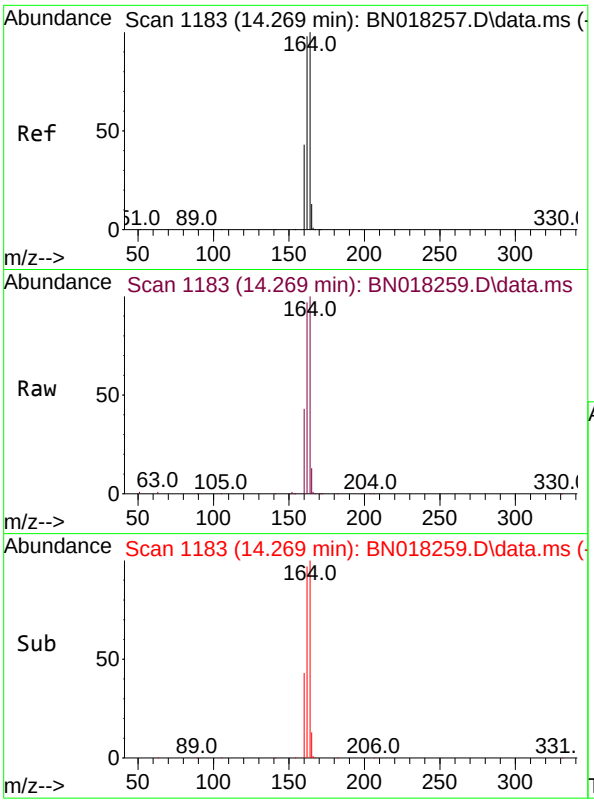


#12
2-Methylnaphthalene
Concen: 1.645 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.004 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:142 Resp: 310015

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.0	105.0
115	33.5	27.8	41.8



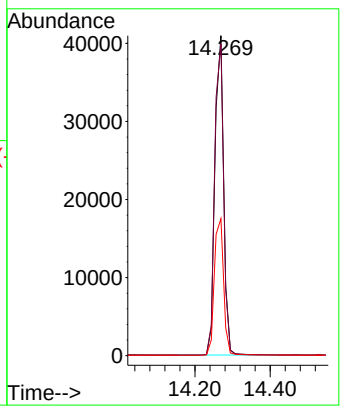


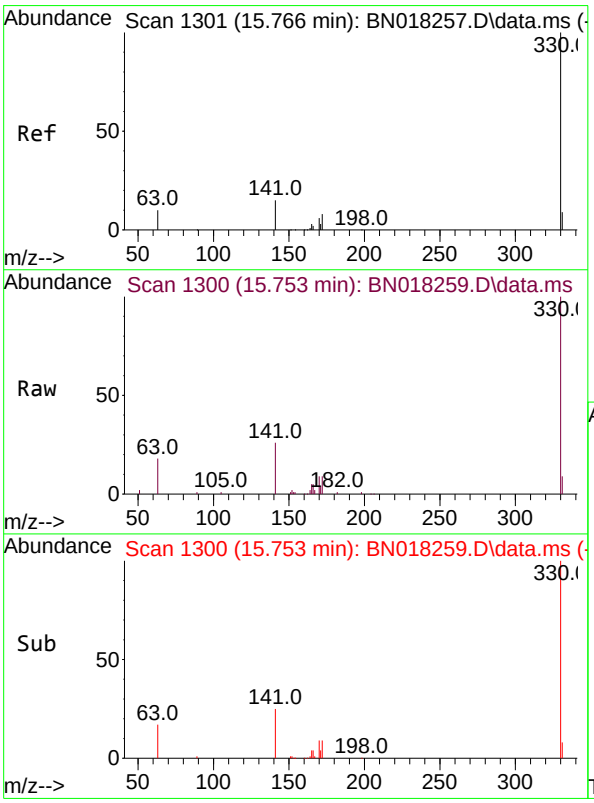
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 65747

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.2	120.2
160	42.8	36.9	55.3

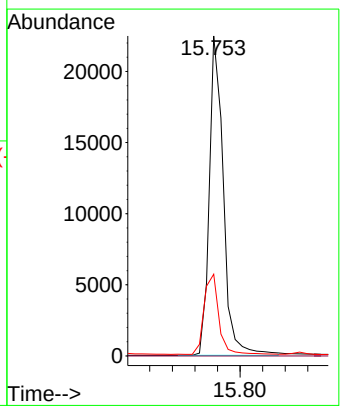


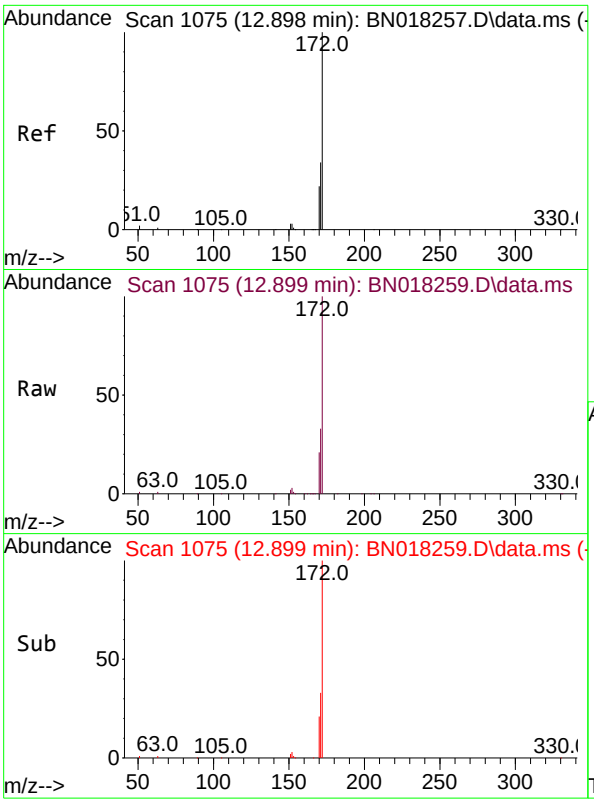


#14
2,4,6-Tribromophenol
Concen: 1.209 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:330 Resp: 38722

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.4	21.3	31.9



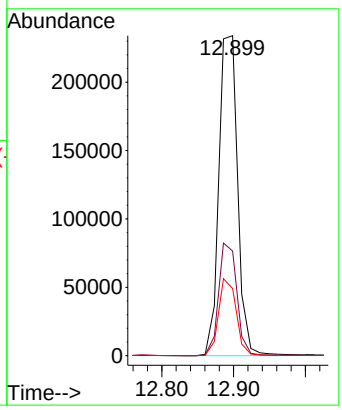


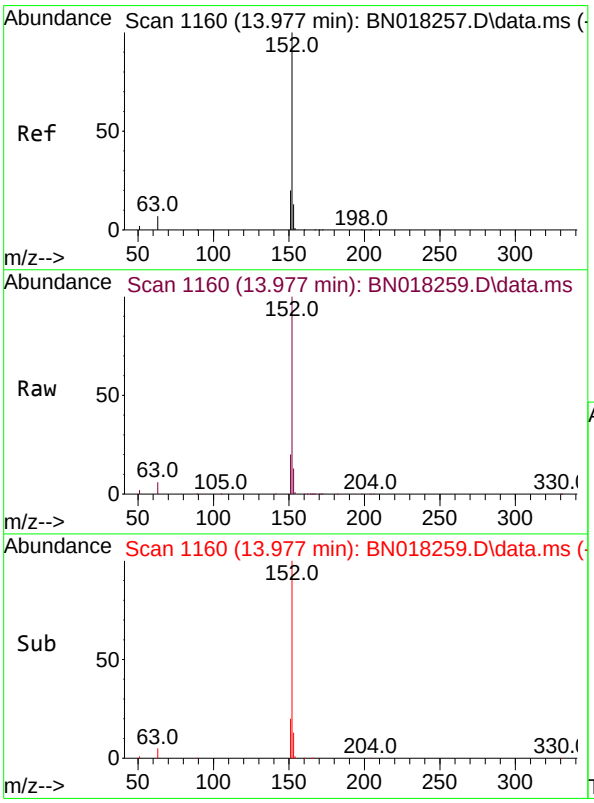
#15
2-Fluorobiphenyl
Concen: 1.726 ng
RT: 12.899 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 424333

Ion	Ratio	Lower	Upper
172	100		
171	32.7	27.4	41.0
170	21.0	18.4	27.6

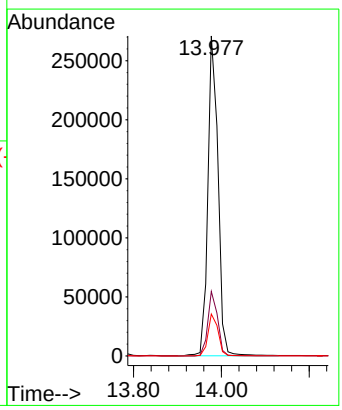


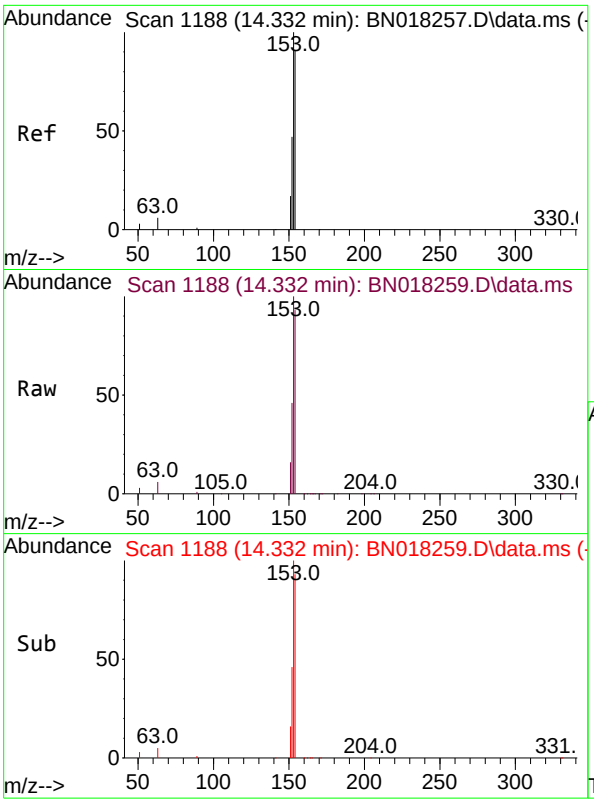


#16
Acenaphthylene
Concen: 1.774 ng
RT: 13.977 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:152 Resp: 433421

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.5	15.7



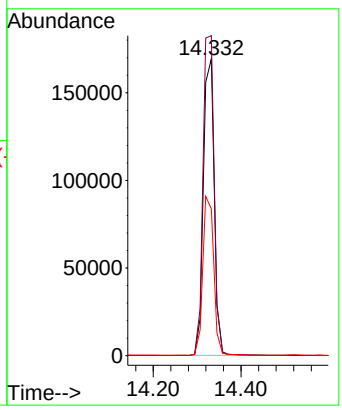


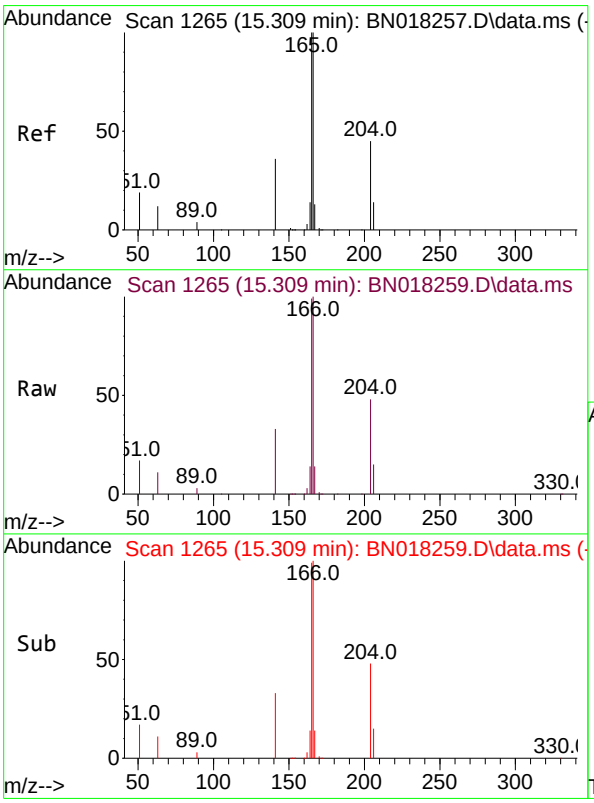
#17
Acenaphthene
Concen: 1.693 ng
RT: 14.332 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 288367

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.9	136.3
152	54.1	45.0	67.4

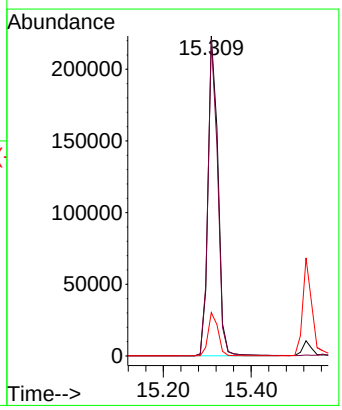


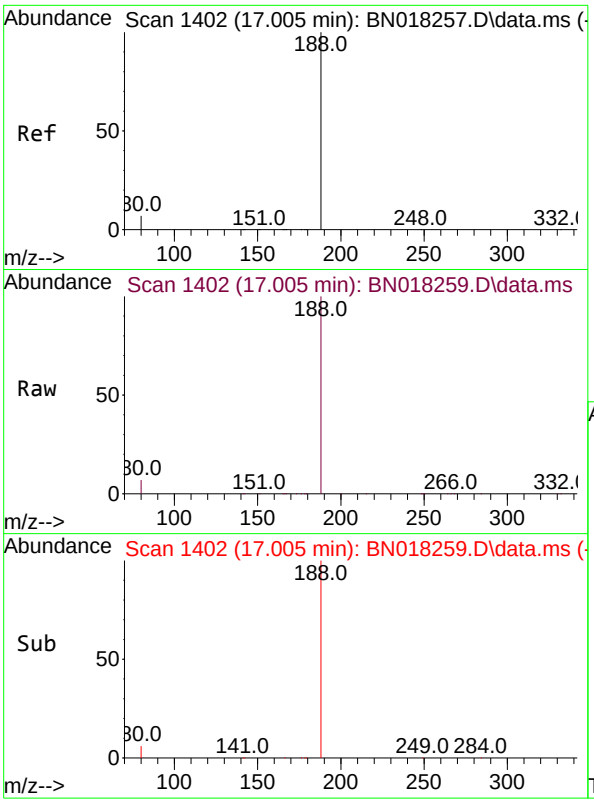


#18
Fluorene
Concen: 1.671 ng
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:166 Resp: 350009

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.8	116.6
167	13.6	10.9	16.3



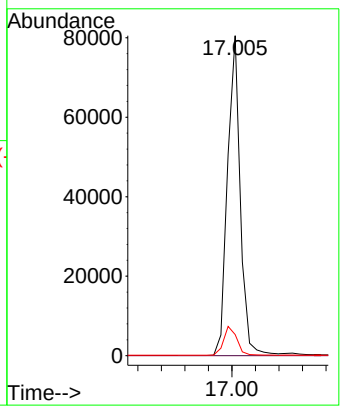


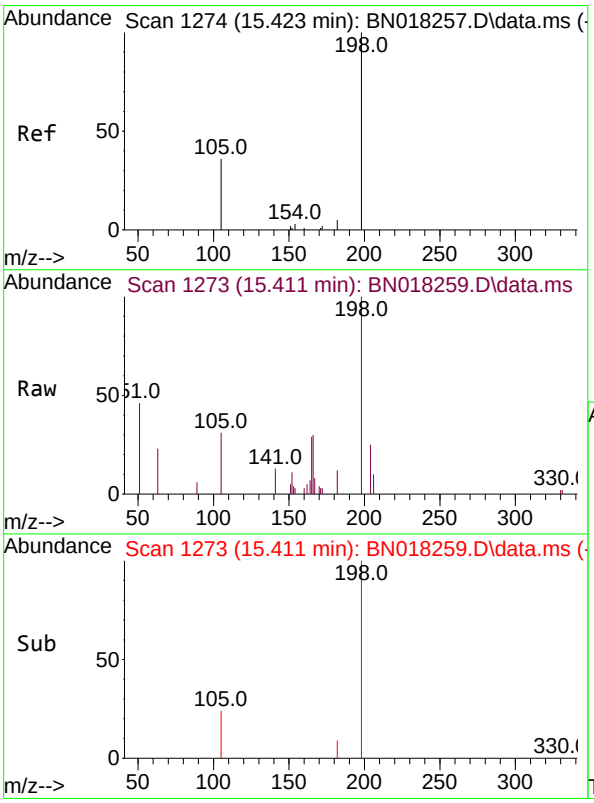
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 121364

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.0	10.4#

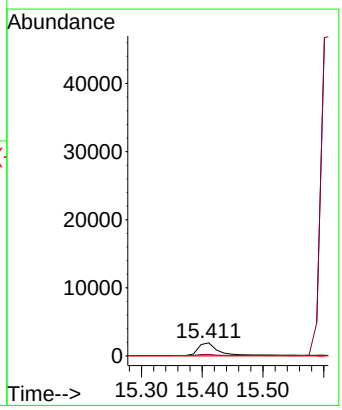


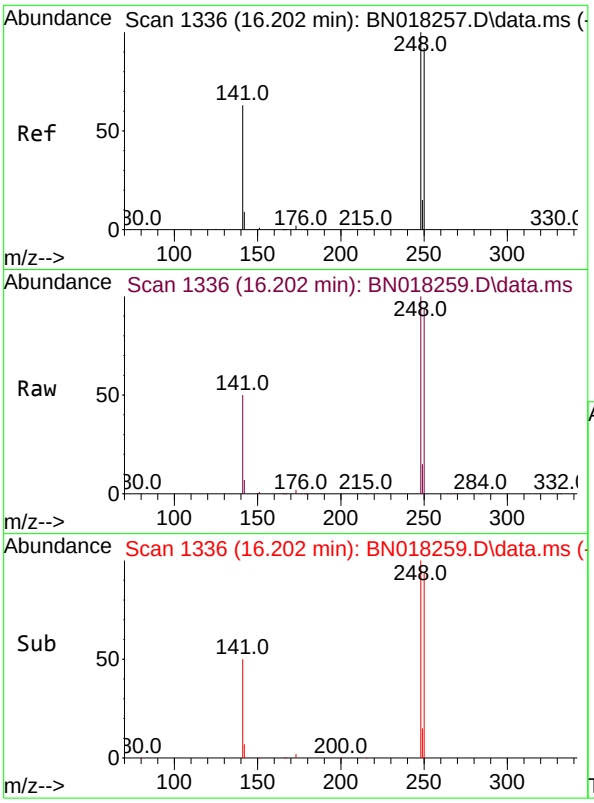


#20
4,6-Dinitro-2-methylphenol
Concen: 0.968 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.013 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:198 Resp: 4178

Ion	Ratio	Lower	Upper
198	100		
182	11.8	15.5	23.3#
77	0.0	0.0	0.0



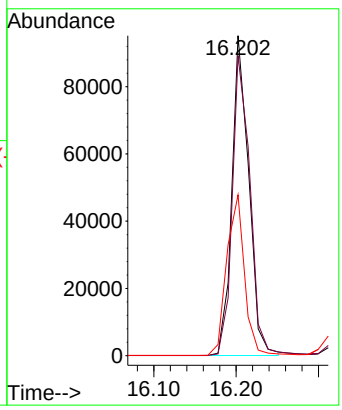


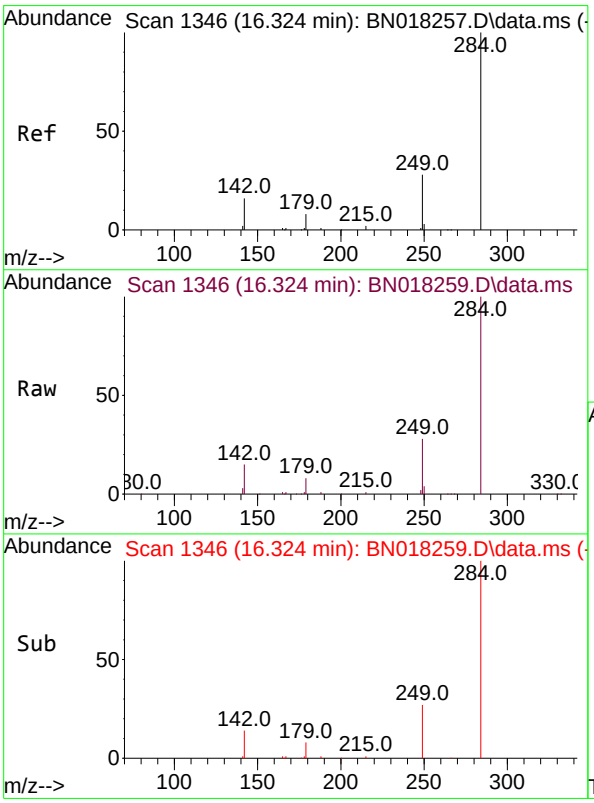
#21
4-Bromophenyl-phenylether
Concen: 1.824 ng
RT: 16.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 135496

Ion	Ratio	Lower	Upper
248	100		
250	93.8	74.4	111.6
141	50.3	43.7	65.5

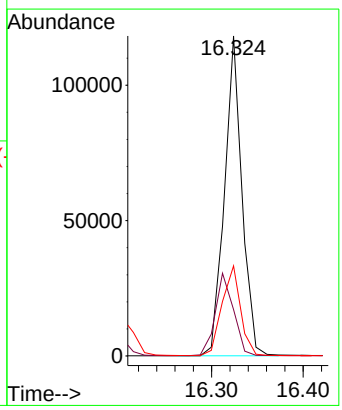


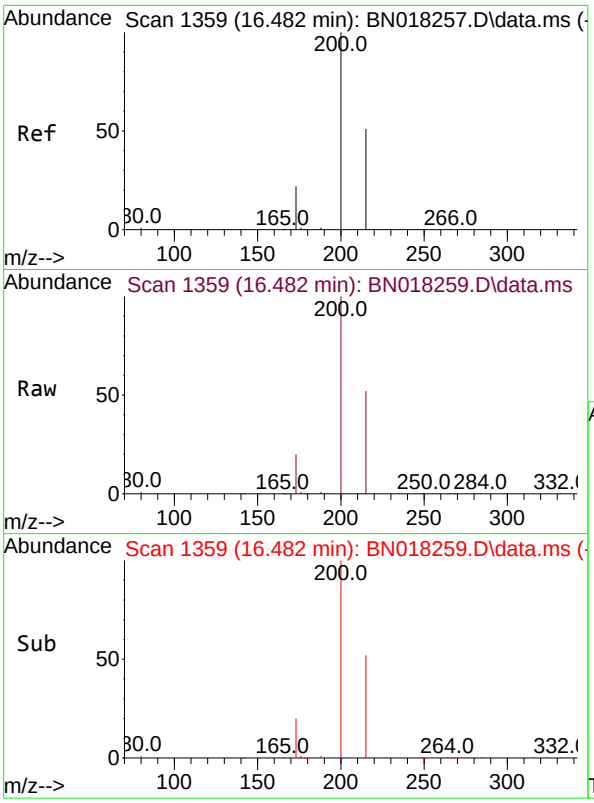


#22
Hexachlorobenzene
Concen: 1.783 ng
RT: 16.324 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:284 Resp: 156997

Ion	Ratio	Lower	Upper
284	100		
142	26.9	21.6	32.4
249	29.7	23.5	35.3



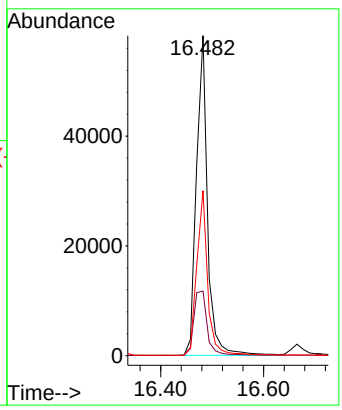


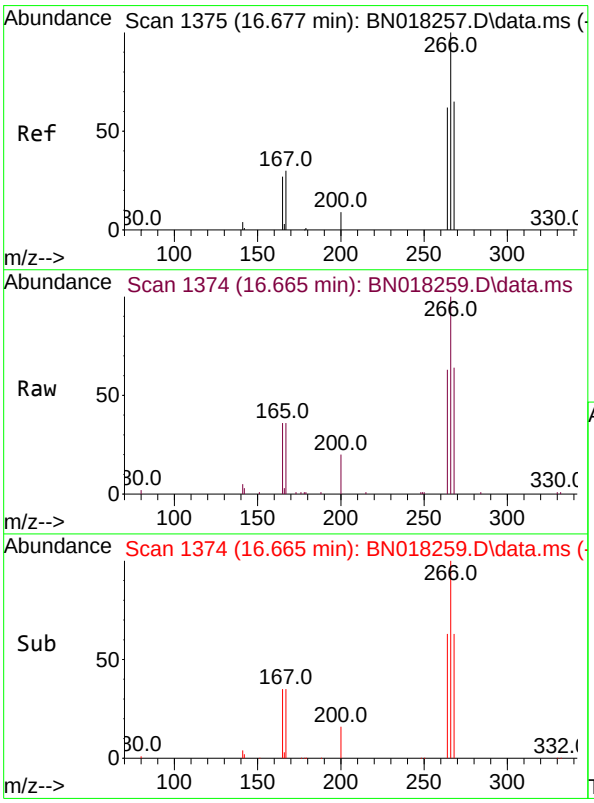
#23
Atrazine
Concen: 1.895 ng
RT: 16.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 87327

Ion	Ratio	Lower	Upper
200	100		
173	20.2	20.3	30.5#
215	51.5	40.4	60.6

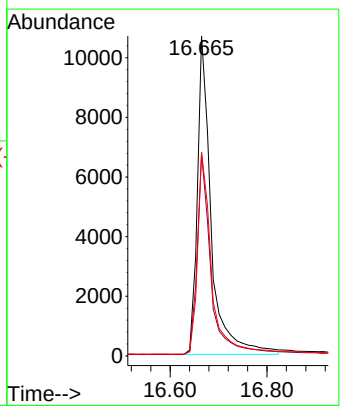


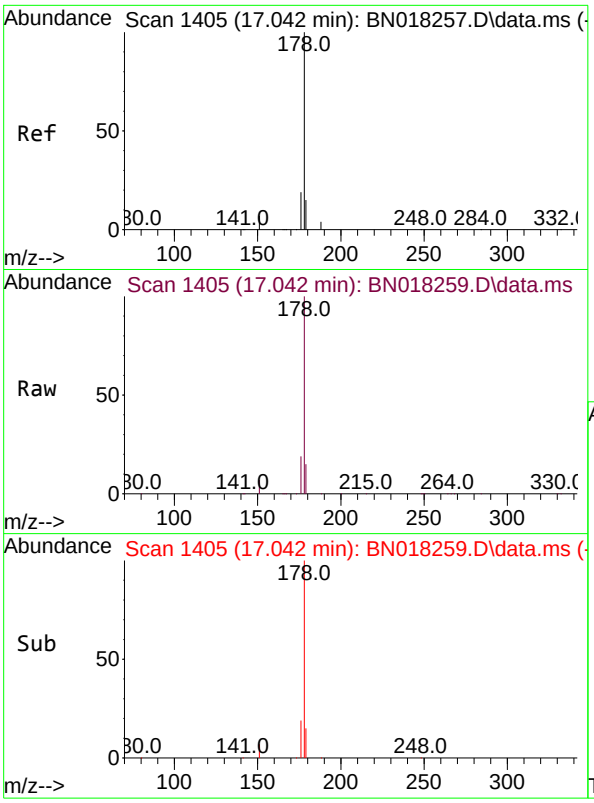


#24
Pentachlorophenol
Concen: 0.861 ng
RT: 16.665 min Scan# 1374
Delta R.T. -0.012 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:266 Resp: 21250

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.5	74.3
268	64.2	50.6	76.0



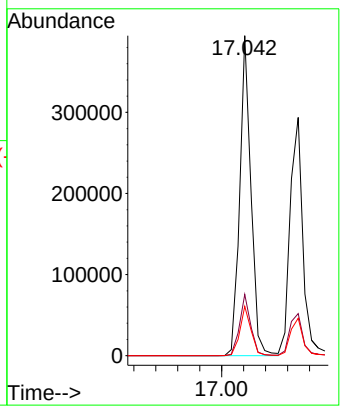


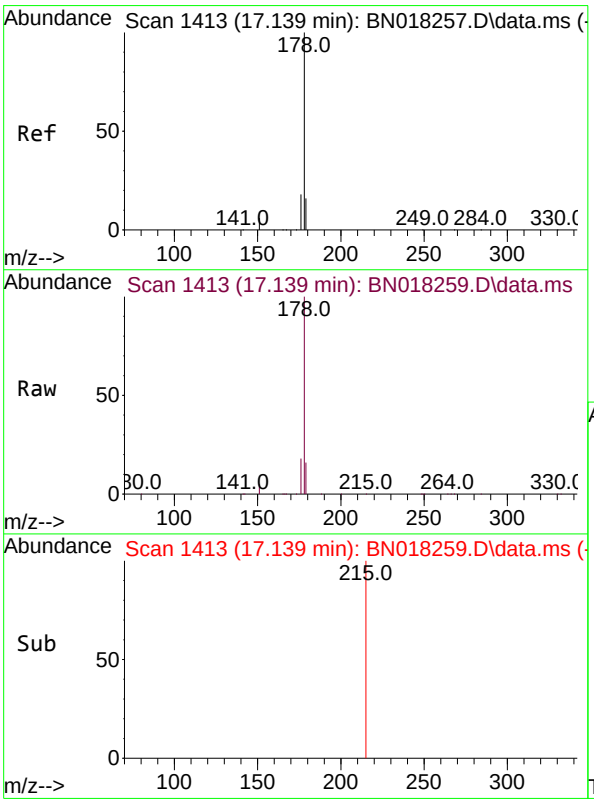
#25
Phenanthrene
Concen: 1.731 ng
RT: 17.042 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 557422

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.3	18.5

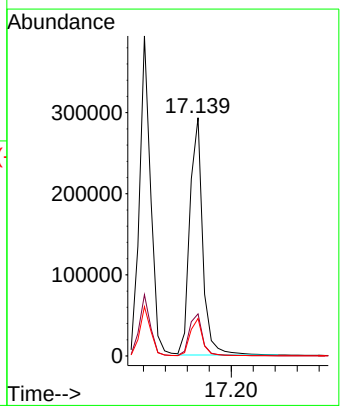


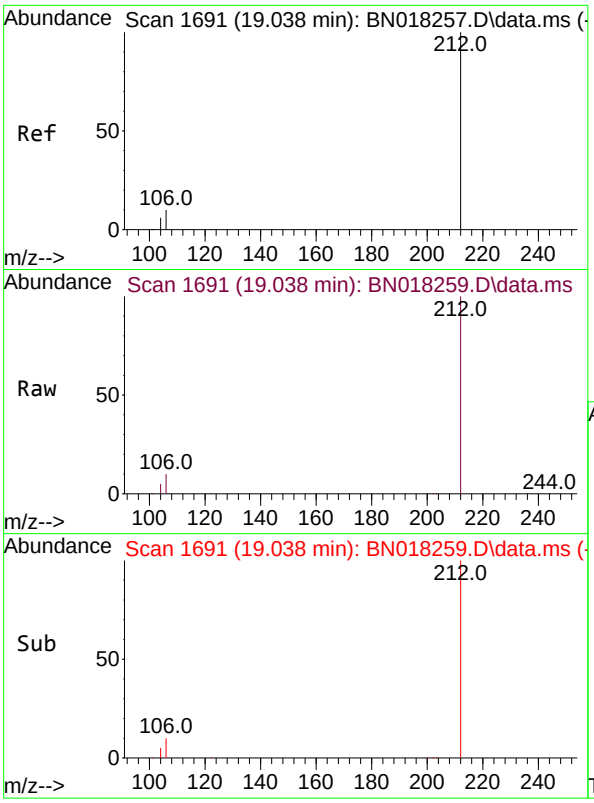


#26
Anthracene
Concen: 1.790 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:178 Resp: 475109

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.4	12.2	18.4



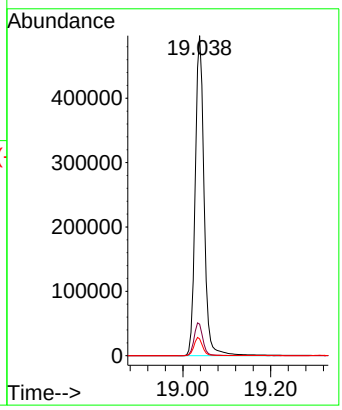


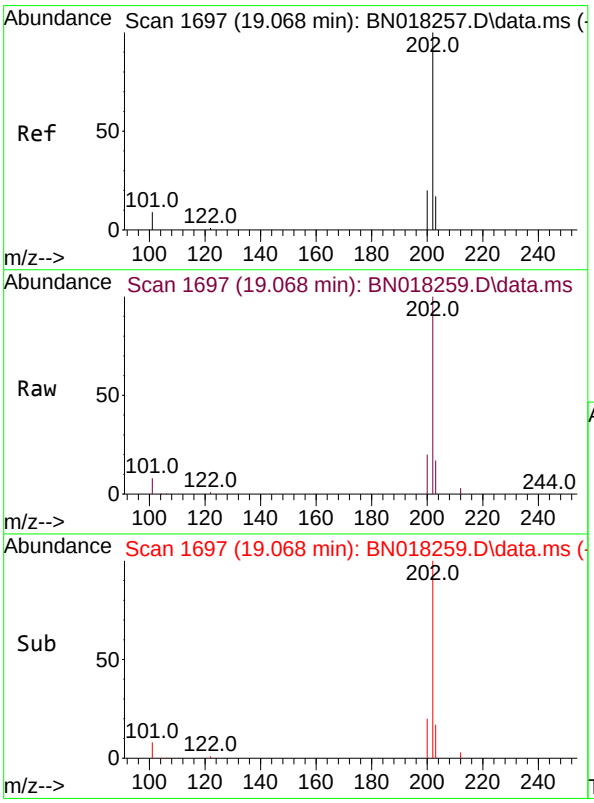
#27
Fluoranthene-d10
Concen: 1.805 ng
RT: 19.038 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 693845

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.4	12.6
104	5.6	4.5	6.7

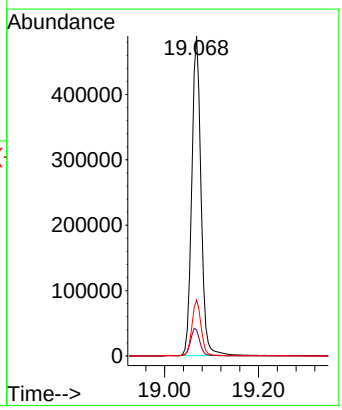


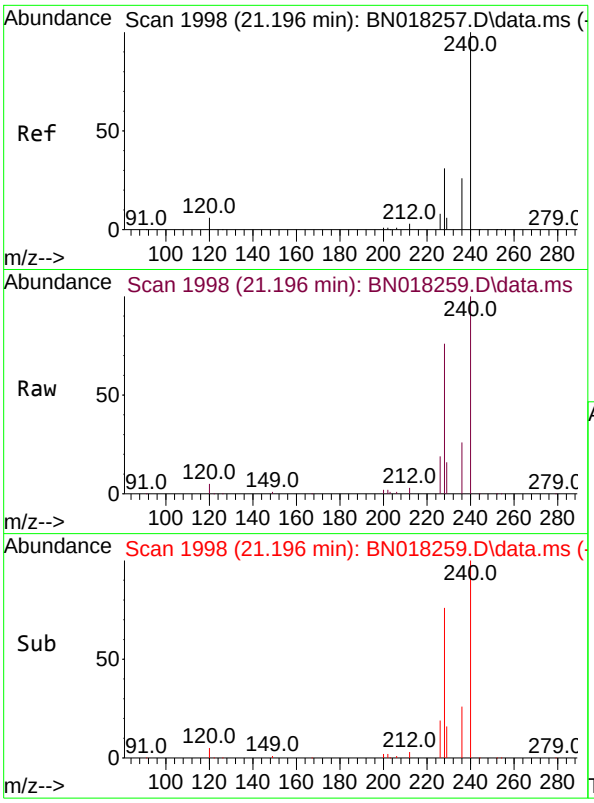


#28
Fluoranthene
Concen: 1.780 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:202 Resp: 669601

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.5	13.7	20.5



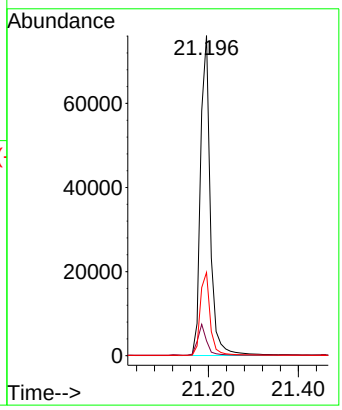


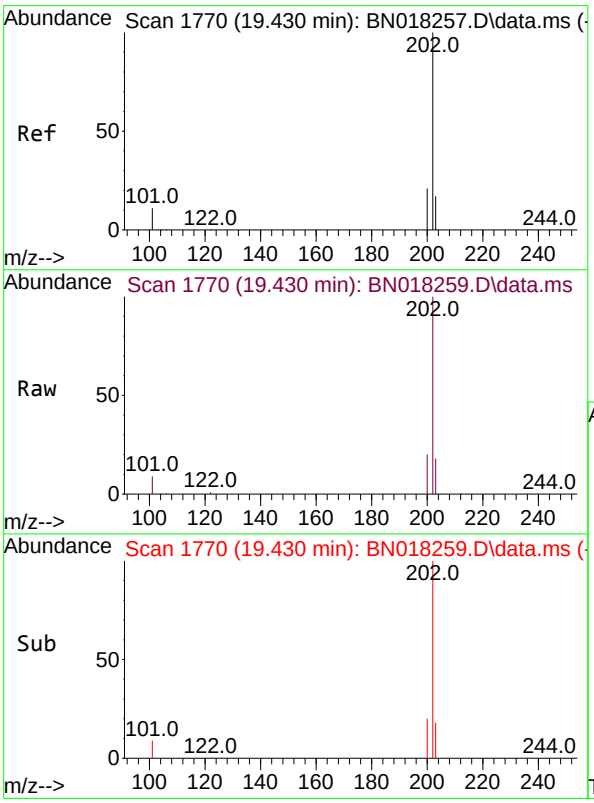
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 114522

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.0	9.0#
236	26.0	21.4	32.2

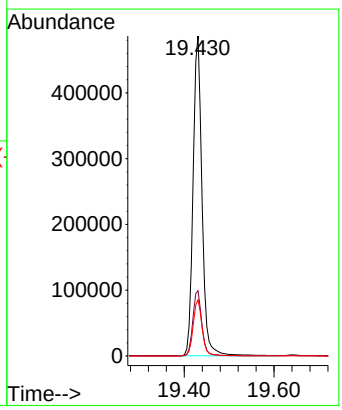


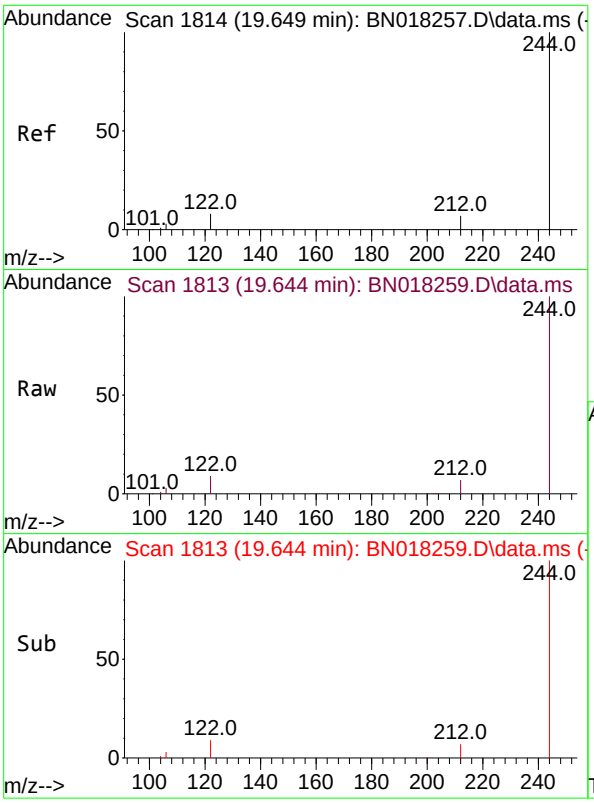


#30
Pyrene
Concen: 1.846 ng
RT: 19.430 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:202 Resp: 678430

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.6	14.1	21.1



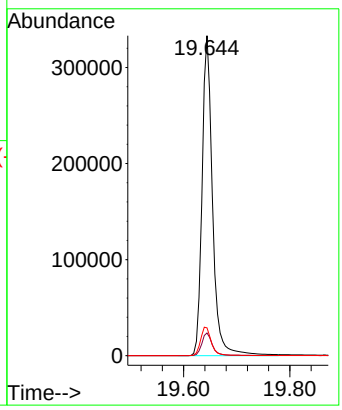


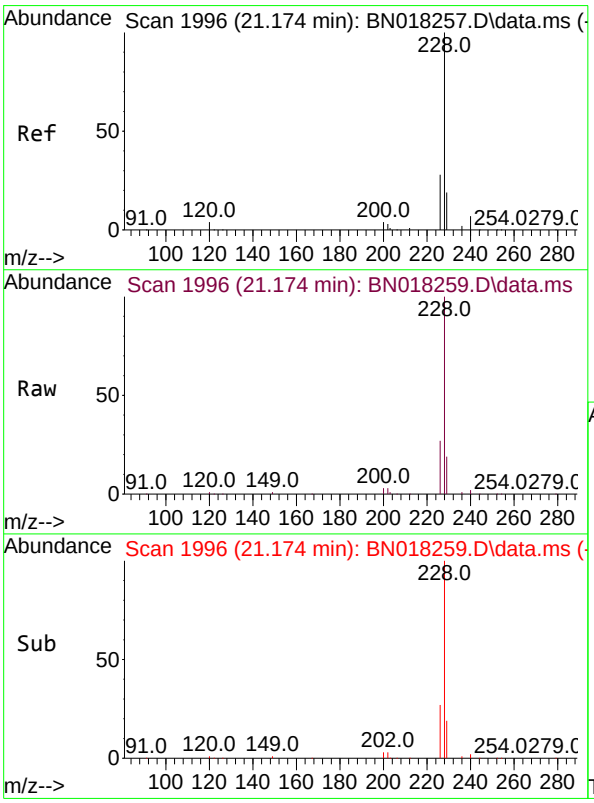
#31
Terphenyl-d14
Concen: 1.809 ng
RT: 19.644 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 455893

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.7	7.9	11.9

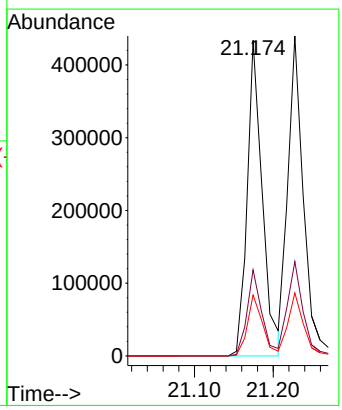


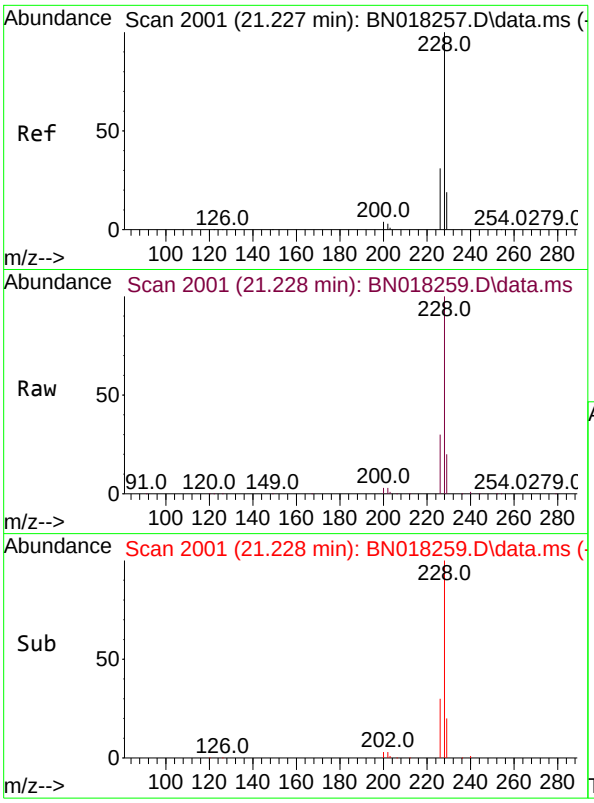


#32
Benzo(a)anthracene
Concen: 1.742 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:228 Resp: 579517

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	19.3	15.9	23.9



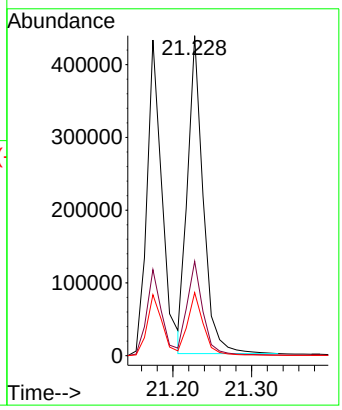


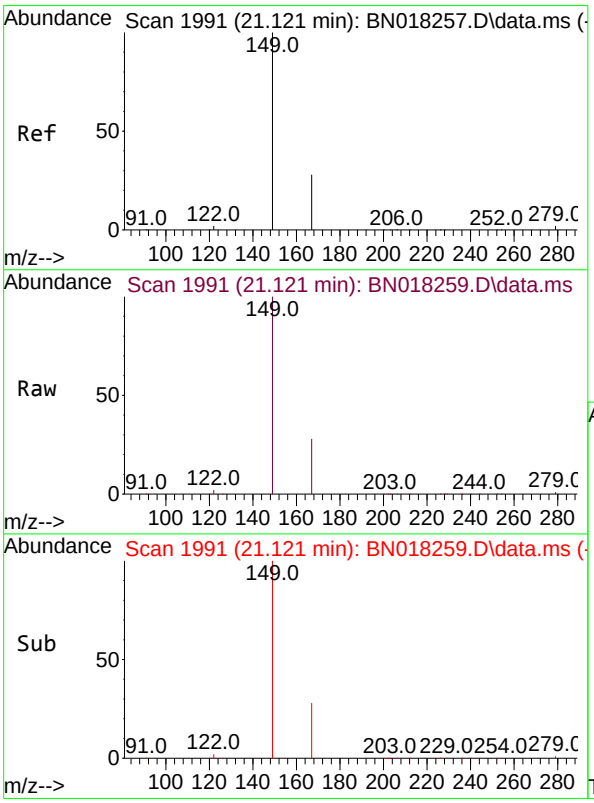
#33
Chrysene
Concen: 1.661 ng
RT: 21.228 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 602926

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	19.7	15.5	23.3

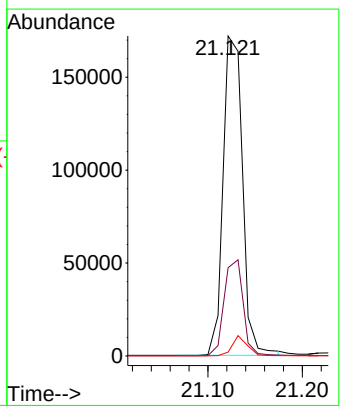


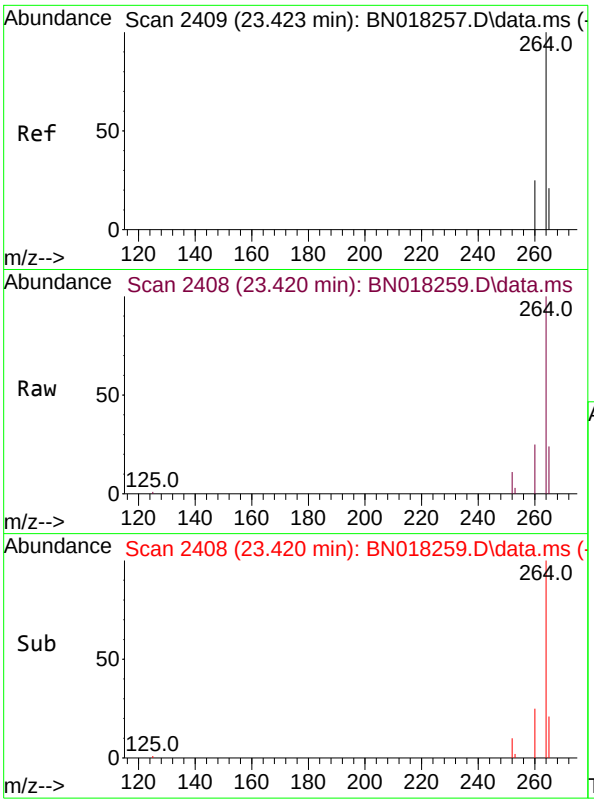


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.980 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:149 Resp: 246364

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	4.9	3.6	5.4



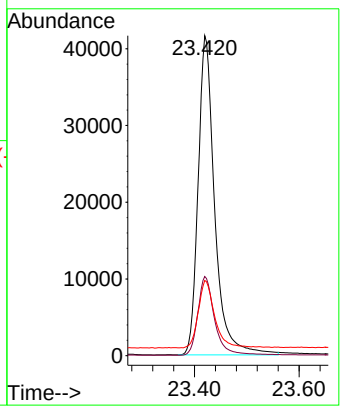


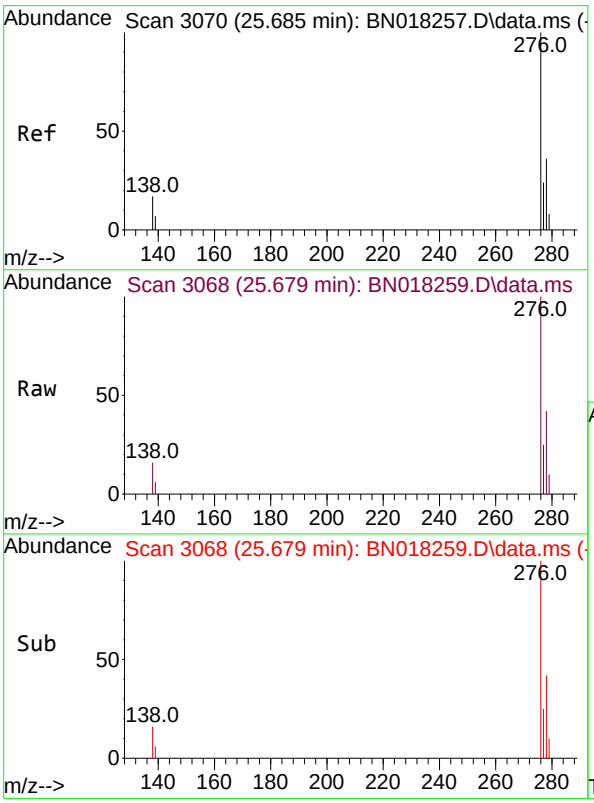
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 91602

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.4
265	23.5	18.2	27.2

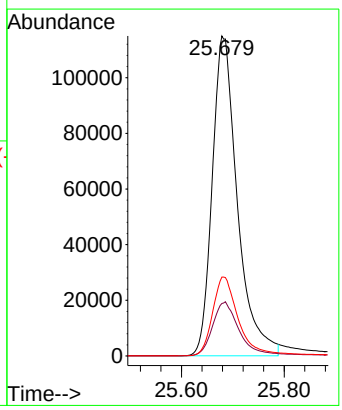


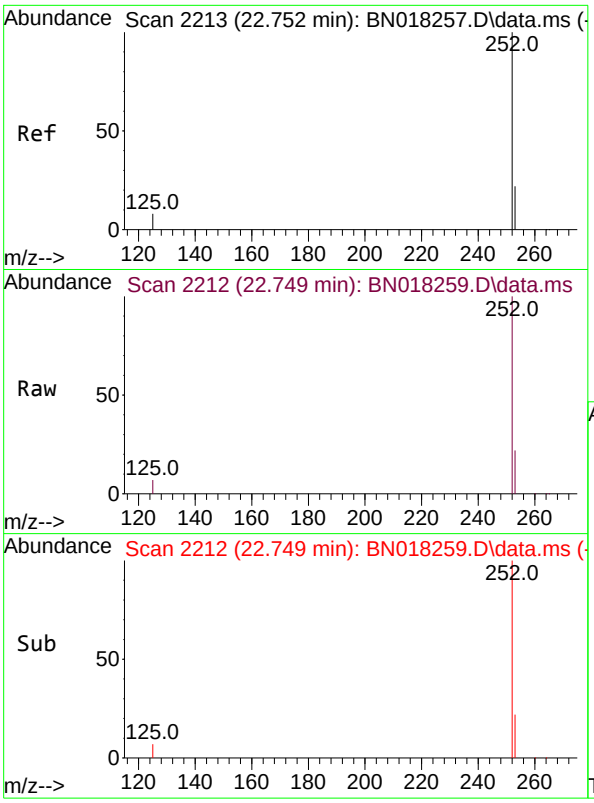


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.474 ng
RT: 25.679 min Scan# 3068
Delta R.T. -0.007 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:276 Resp: 390758

Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.9	22.3
277	24.9	19.9	29.9



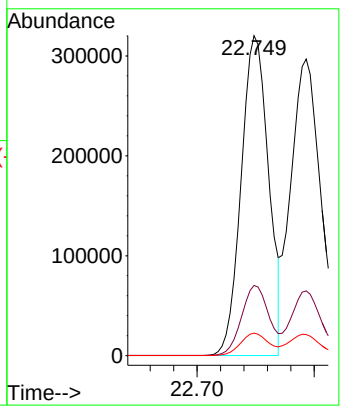


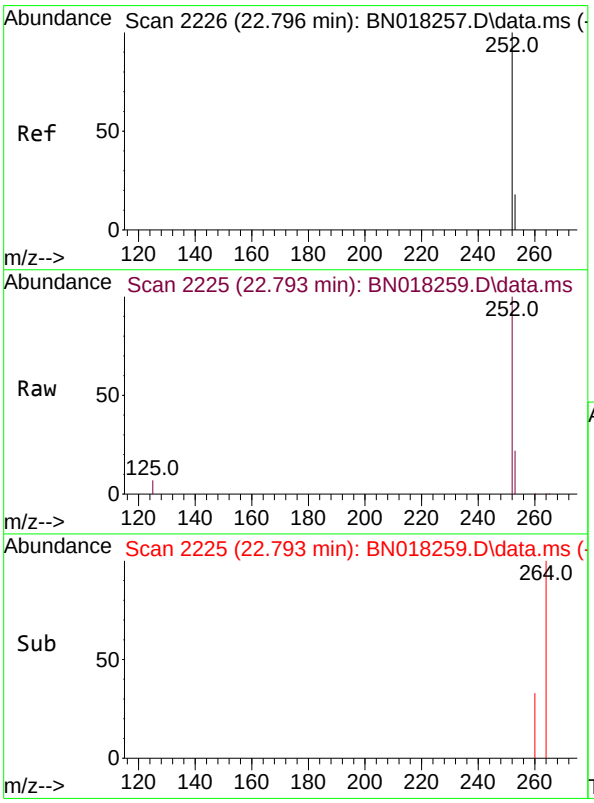
#37
Benzo(b)fluoranthene
Concen: 1.831 ng
RT: 22.749 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 518839

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.0	6.0	9.0

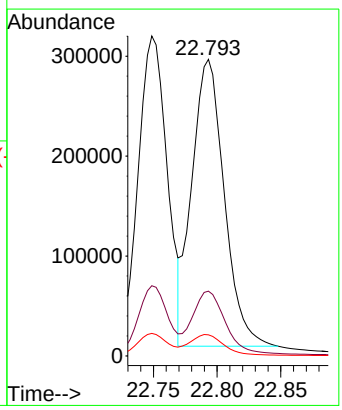


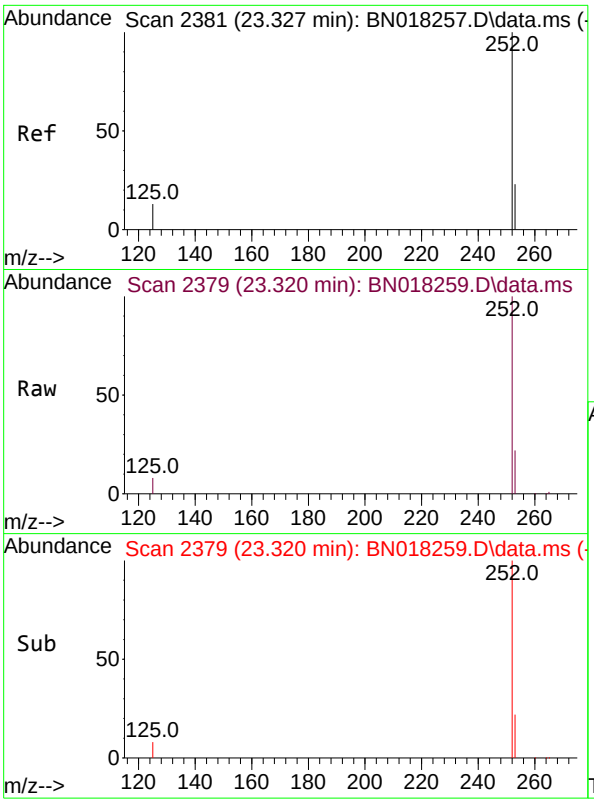


#38
Benzo(k)fluoranthene
Concen: 1.781 ng
RT: 22.793 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:252 Resp: 508469

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	7.1	6.2	9.2



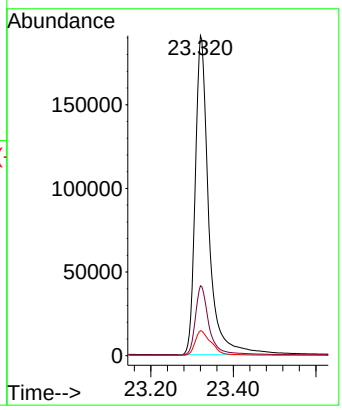


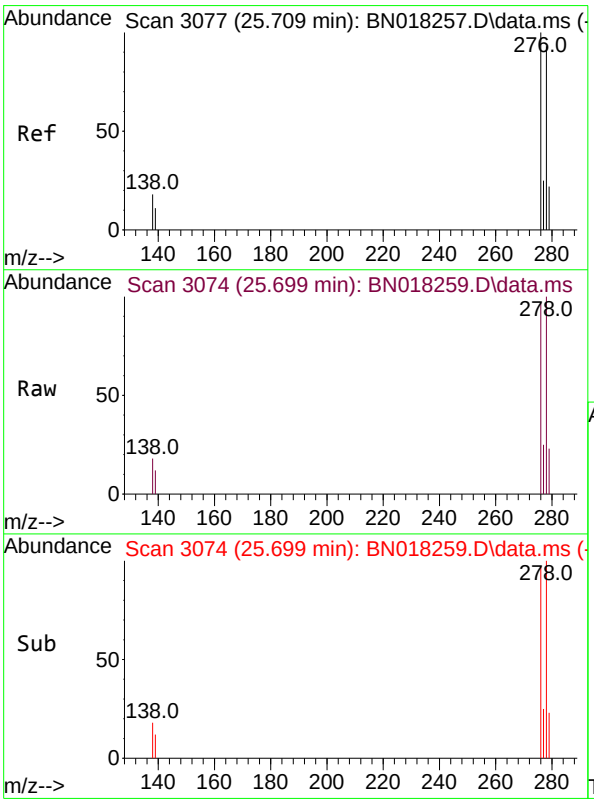
#39
Benzo(a)pyrene
Concen: 1.710 ng
RT: 23.320 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 435338

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.8	7.0	10.4

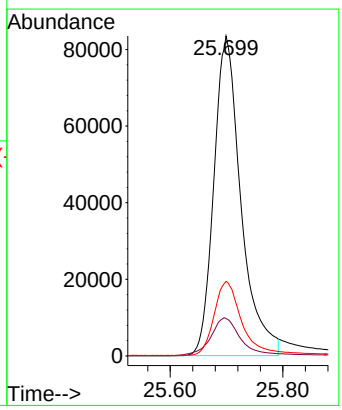


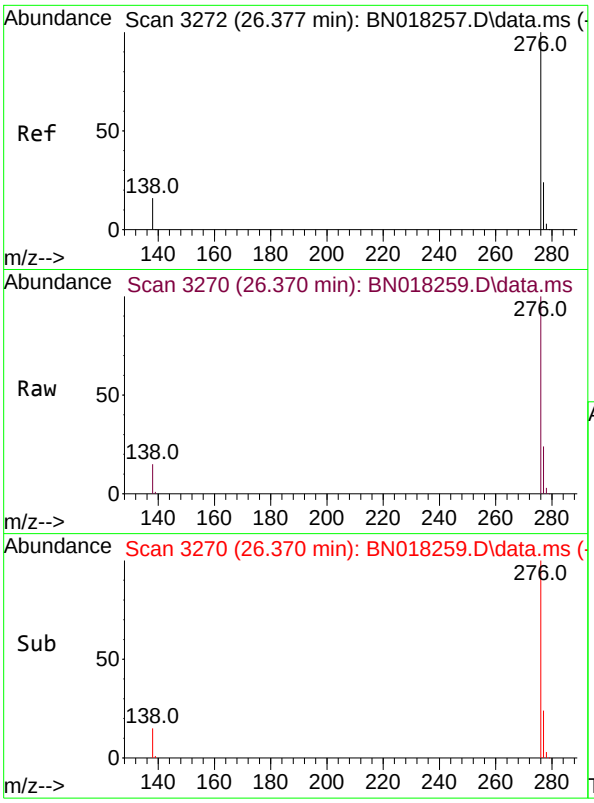


#40
Dibenzo(a,h)anthracene
Concen: 1.432 ng
RT: 25.699 min Scan# 3074
Delta R.T. -0.010 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Tgt Ion:278 Resp: 278726

Ion	Ratio	Lower	Upper
278	100		
139	11.7	10.8	16.2
279	23.3	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 1.517 ng
RT: 26.370 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN018259.D
Acq: 29 Dec 2021 13:12

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 370598

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	15.3	12.6	19.0