Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018492.D
Acq On : 27 Jan 2022 16:49
Operator : CG/JU
Sample : PB142252BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Quant Time: Jan 28 03:05:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 28 03:03:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	27825	0.400	ng	0.00
7) Naphthalene-d8	10.736	136	120922	0.400	ng	# 0.00
13) Acenaphthene-d10	14.560	164	63197	0.400	ng	0.00
19) Phenanthrene-d10	17.297	188	113822	0.400	ng	0.00
29) Chrysene-d12	21.472	240	108718	0.400	ng	0.00
35) Perylene-d12	23.878	264	111739	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.512	112	24741	0.350	ng	0.03
5) Phenol-d6	7.098	99	24554	0.317	ng	0.02
8) Nitrobenzene-d5	9.088	82	26789	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.323	152	69917	0.358	ng	0.00
14) 2,4,6-Tribromophenol	16.044	330	3284	0.216	ng	0.00
15) 2-Fluorobiphenyl	13.190	172	99831	0.398	ng	0.00
27) Fluoranthene-d10	19.321	212	125919	0.376	ng	0.00
31) Terphenyl-d14	19.917	244	112213	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.392	88	23	0.001	ng	# 1
3) n-Nitrosodimethylamine	3.724	42	240	0.008	ng	# 39
6) bis(2-Chloroethyl)ether	7.356	93	506	0.006	ng	93
9) Naphthalene	10.787	128	1932	0.006	ng	# 89
10) Hexachlorobutadiene	11.091	225	168	0.003	ng	# 96
12) 2-Methylnaphthalene	12.398	142	926	0.004	ng	# 95
16) Acenaphthylene	14.281	152	529	0.002	ng	98
17) Acenaphthene	14.624	154	445	0.003	ng	96
18) Fluorene	15.601	166	426	0.002	ng	98
20) 4,6-Dinitro-2-methylph...	15.753	198	14	0.136	ng	# 1
21) 4-Bromophenyl-phenylether	16.494	248	76	0.001	ng	# 72
22) Hexachlorobenzene	16.616	284	159	0.002	ng	# 83
23) Atrazine	16.750	200	87	0.002	ng	# 42
24) Pentachlorophenol	16.957	266	98	0.327	ng	89
25) Phenanthrene	17.334	178	881	0.003	ng	# 83
26) Anthracene	17.431	178	421	0.001	ng	97
28) Fluoranthene	19.351	202	1315	0.004	ng	98
30) Pyrene	19.713	202	1175	0.003	ng	98
32) Benzo(a)anthracene	21.461	228	1540	0.004	ng	# 92
33) Chrysene	21.503	228	1518	0.004	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.387	149	10421	0.071	ng	97
36) Indeno(1,2,3-cd)pyrene	26.373	276	2293	0.006	ng	# 1
37) Benzo(b)fluoranthene	23.149	252	3039	0.008	ng	# 1
39) Benzo(a)pyrene	23.799	252	3213	0.010	ng	# 1
40) Dibenzo(a,h)anthracene	26.394	278	1738	0.006	ng	# 1
41) Benzo(g,h,i)perylene	27.133	276	2287	0.007	ng	# 71

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
Data File : BN018492.D
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Misc :
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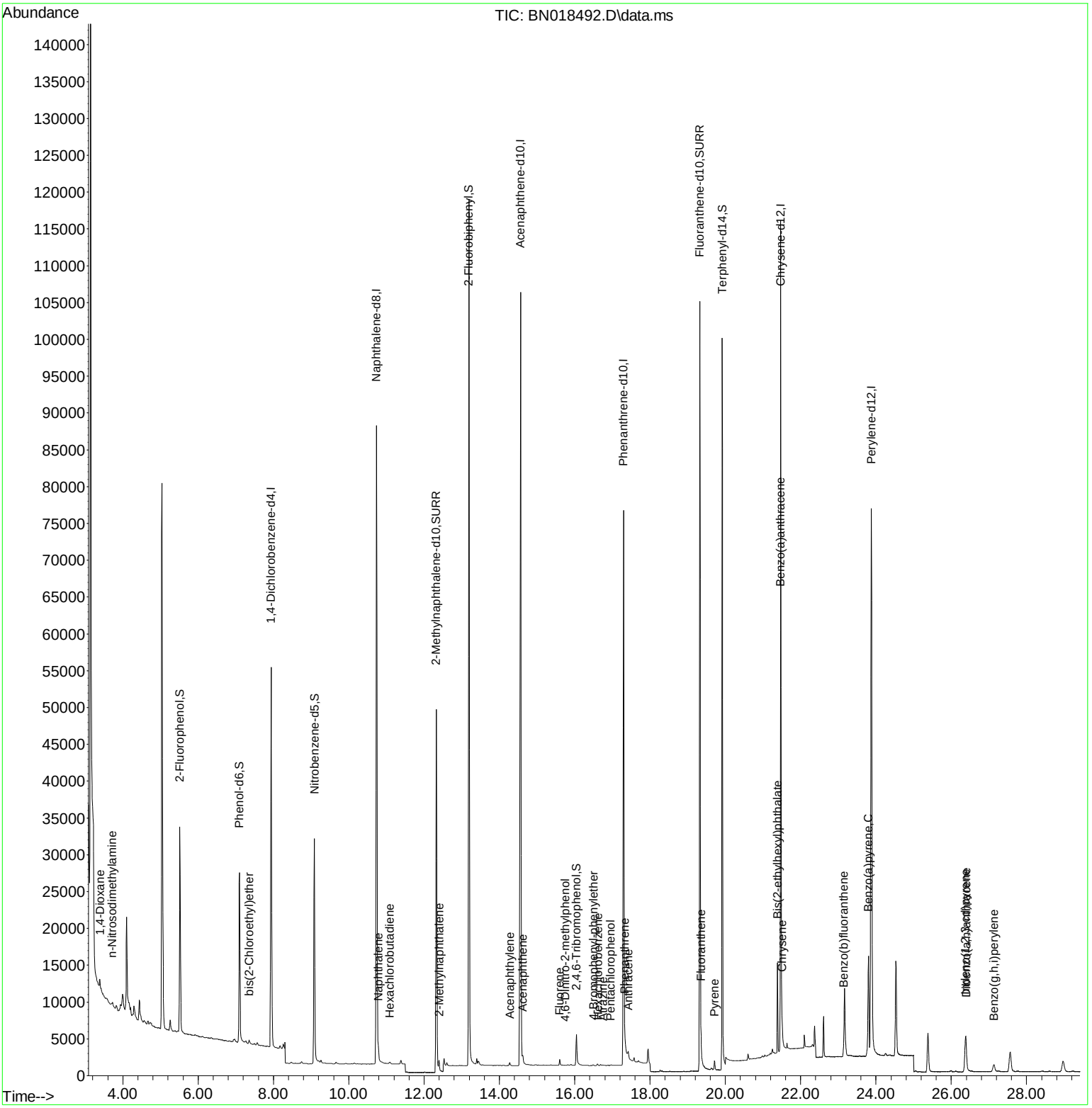
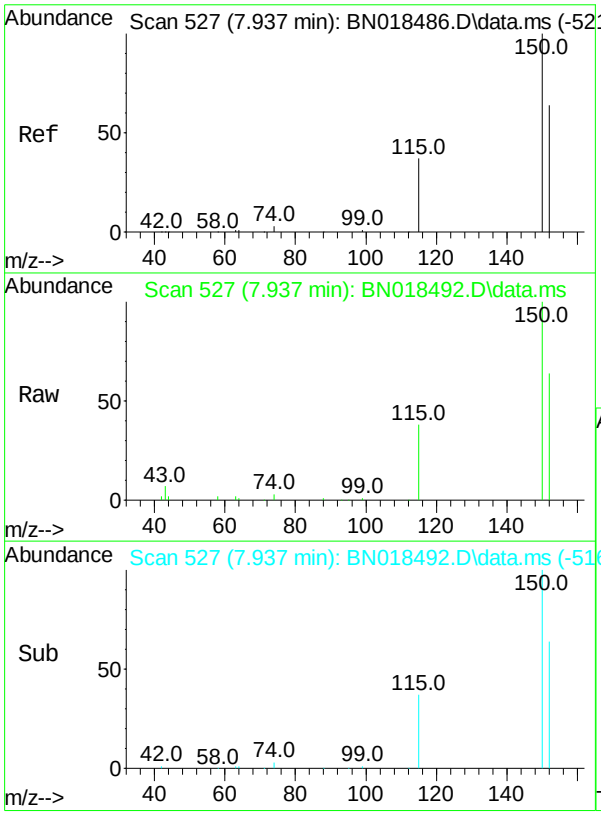
Instrument :
BNA_N
ClientSampleId :
PB142252BL

Quant Time: Jan 28 03:05:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 28 03:03:43 2022
Response via : Initial Calibration



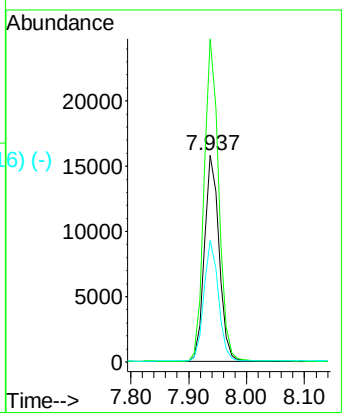


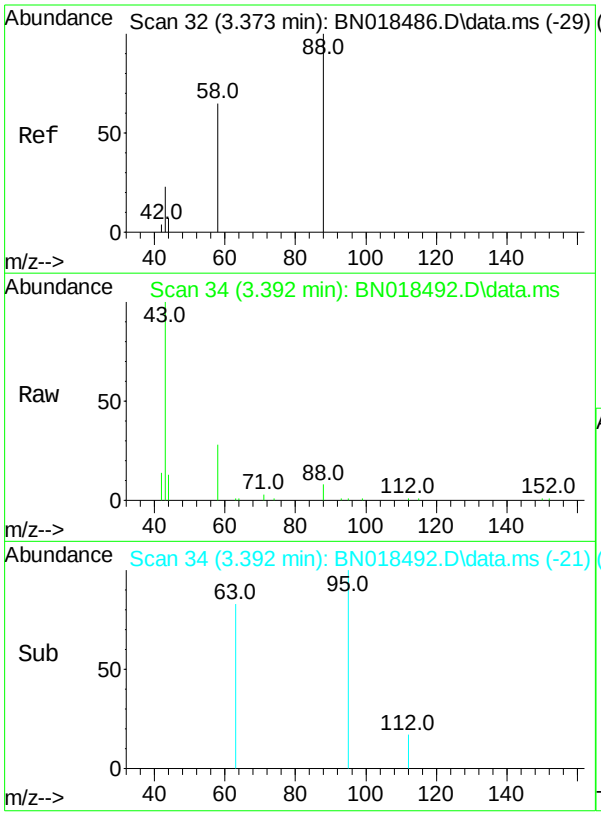
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.937 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:152 Resp: 27825

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.7	182.5
115	58.8	43.8	65.8

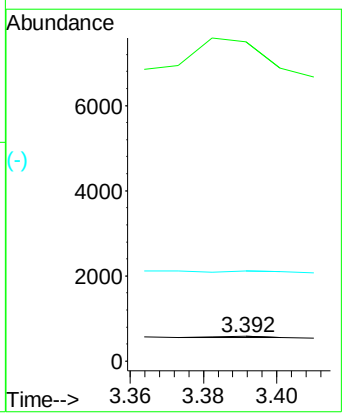


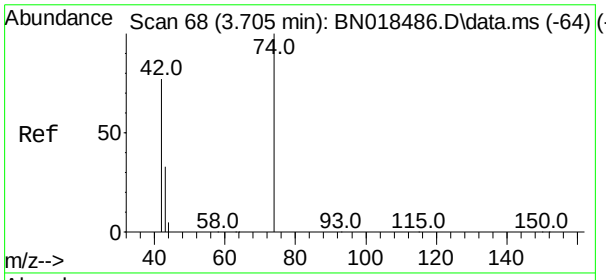


#2
1,4-Dioxane
Concen: 0.001 ng
RT: 3.392 min Scan# 34
Delta R.T. 0.019 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	3560.9	69.7	104.5#
58	0.0	83.8	125.8#



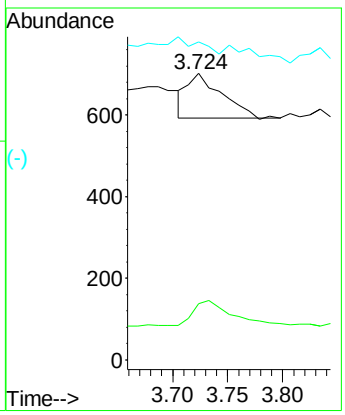


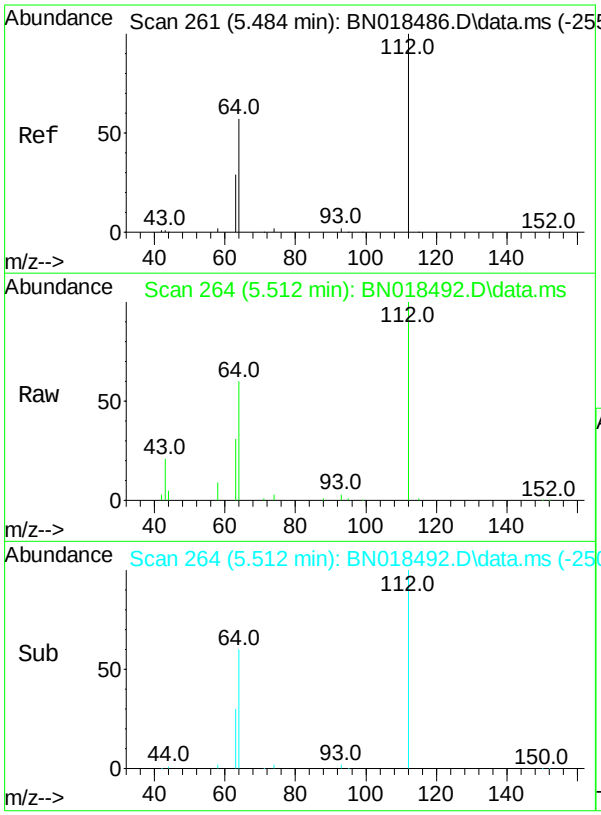
#3
n-Nitrosodimethylamine
Concen: 0.008 ng
RT: 3.724 min Scan# 1
Delta R.T. 0.019 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion: 42 Resp: 240

Ion	Ratio	Lower	Upper
42	100		
74	60.8	108.6	163.0#
44	0.0	5.8	8.8#

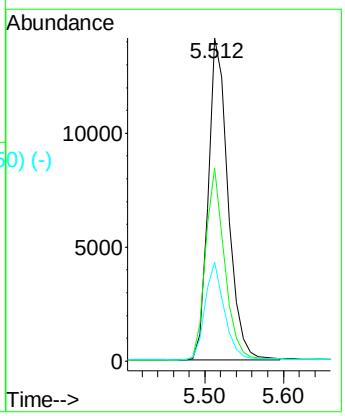


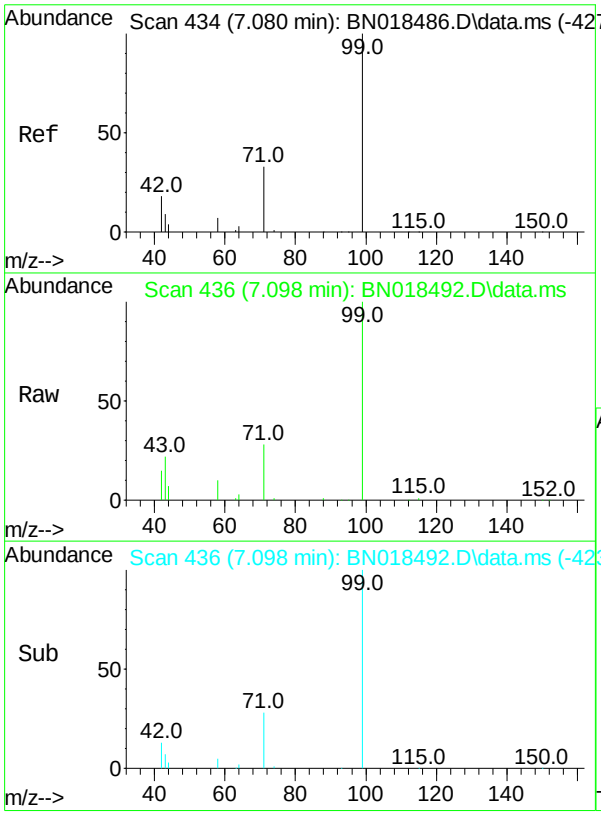


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.512 min Scan# 264
Delta R.T. 0.028 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:112 Resp: 24741

Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.0	72.0
63	29.5	25.3	37.9



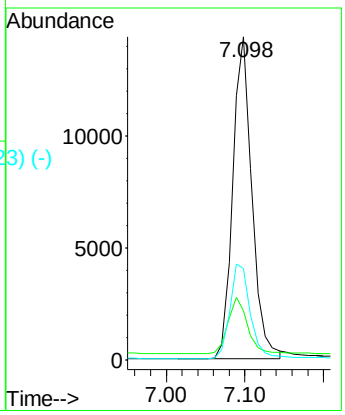


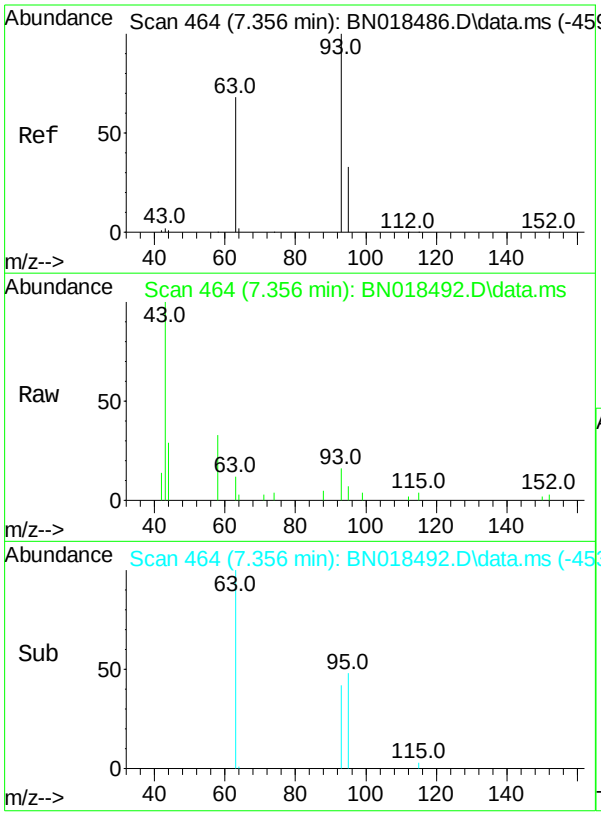
#5
Phenol-d6
Concen: 0.317 ng
RT: 7.098 min Scan# 4
Delta R.T. 0.019 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion: 99 Resp: 24554

Ion	Ratio	Lower	Upper
99	100		
42	17.7	16.3	24.5
71	31.1	26.8	40.2

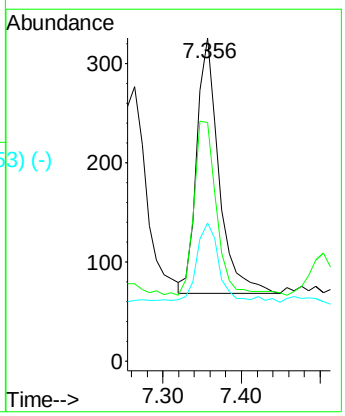


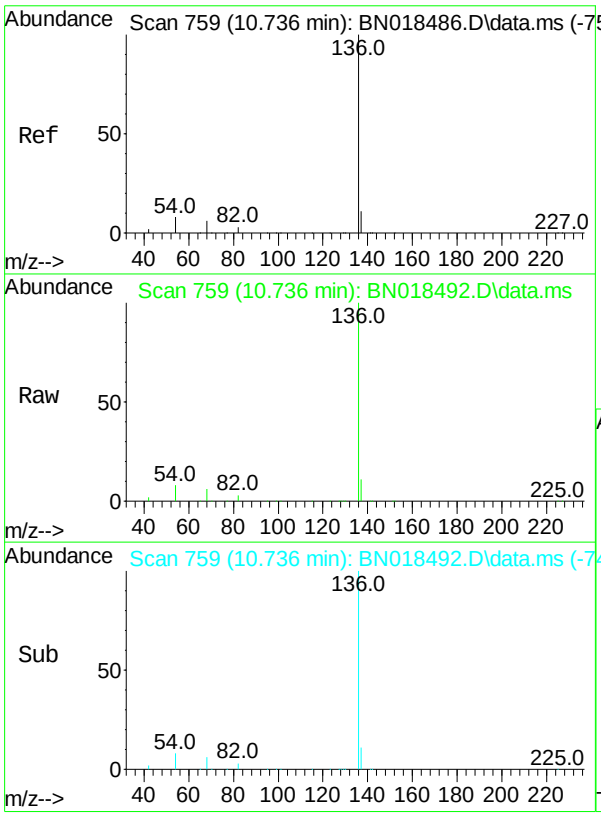


#6
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 7.356 min Scan# 464
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion: 93 Resp: 506

Ion	Ratio	Lower	Upper
93	100		
63	70.0	61.7	92.5
95	29.8	26.2	39.4



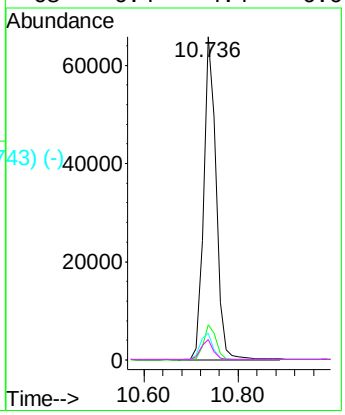


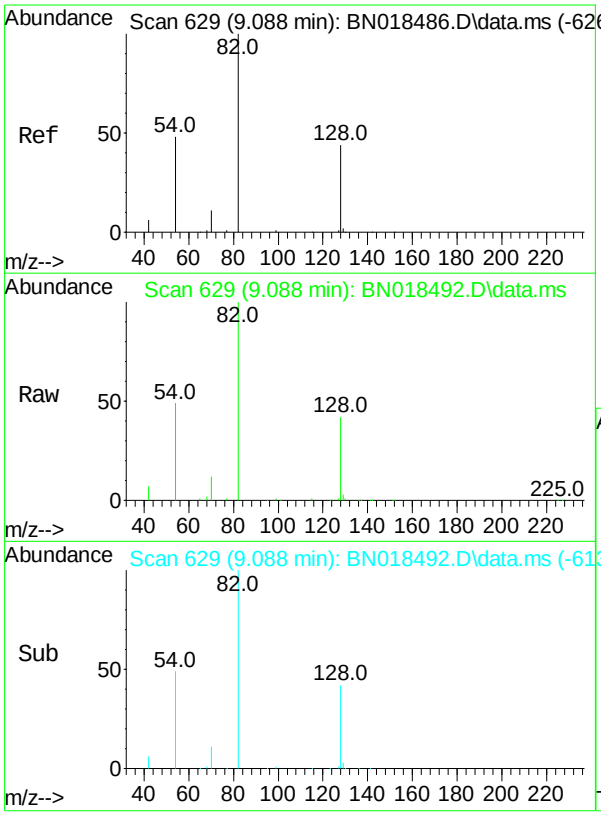
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.736 min Scan#
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:136 Resp: 120922

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.2	5.0	7.6#
68	6.4	4.4	6.6

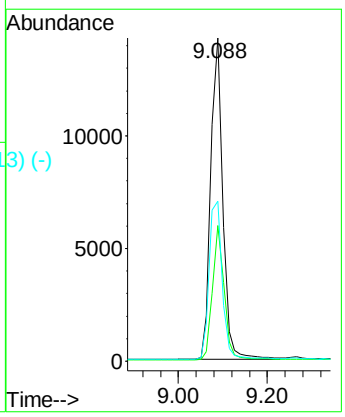


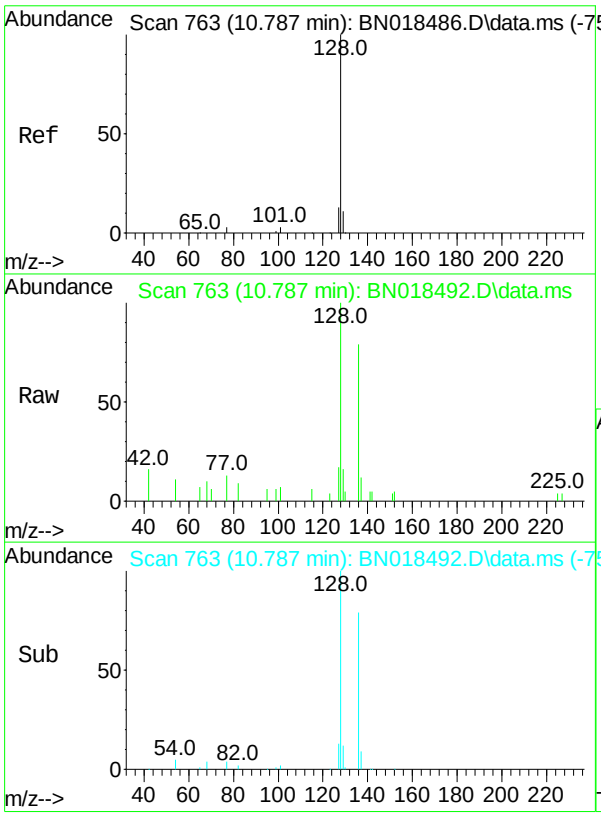


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 9.088 min Scan# 629
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion: 82 Resp: 26789

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.7	50.5
54	49.4	36.6	55.0



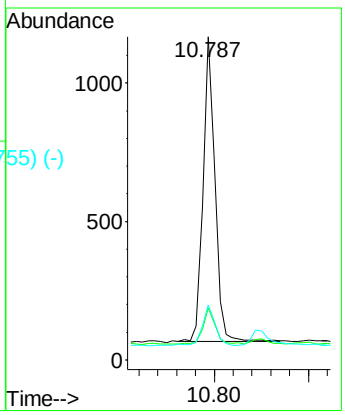


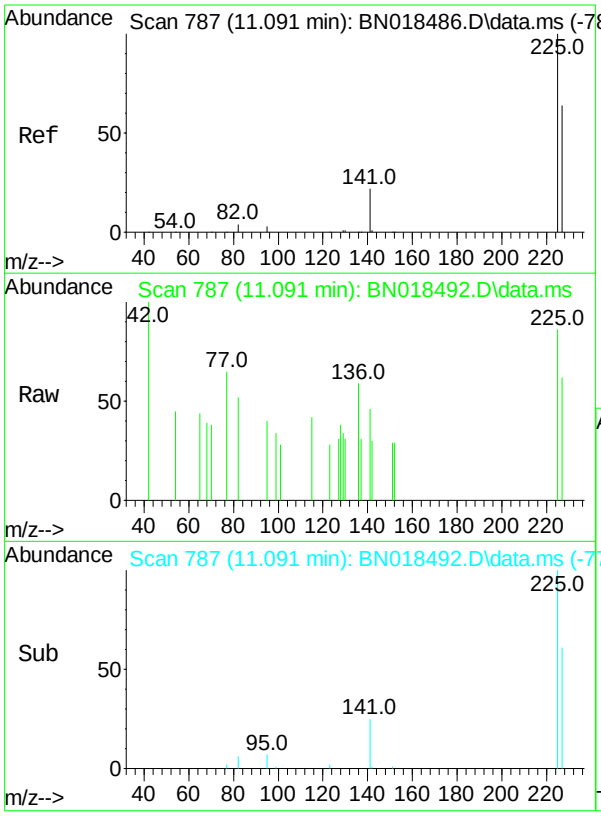
#9
Naphthalene
Concen: 0.006 ng
RT: 10.787 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:128 Resp: 1932

Ion	Ratio	Lower	Upper
128	100		
129	15.9	8.7	13.1#
127	17.0	10.4	15.6#

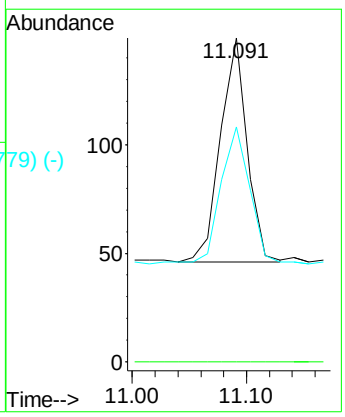


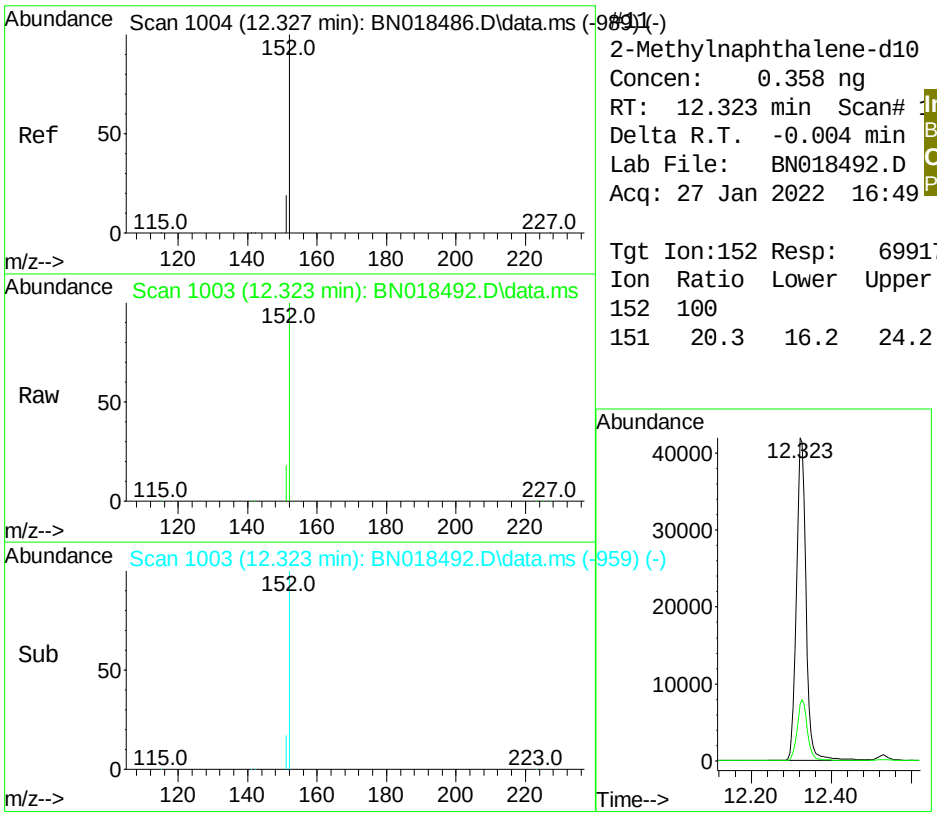


#10
Hexachlorobutadiene
Concen: 0.003 ng
RT: 11.091 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:225 Resp: 168

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	67.3	51.0	76.6



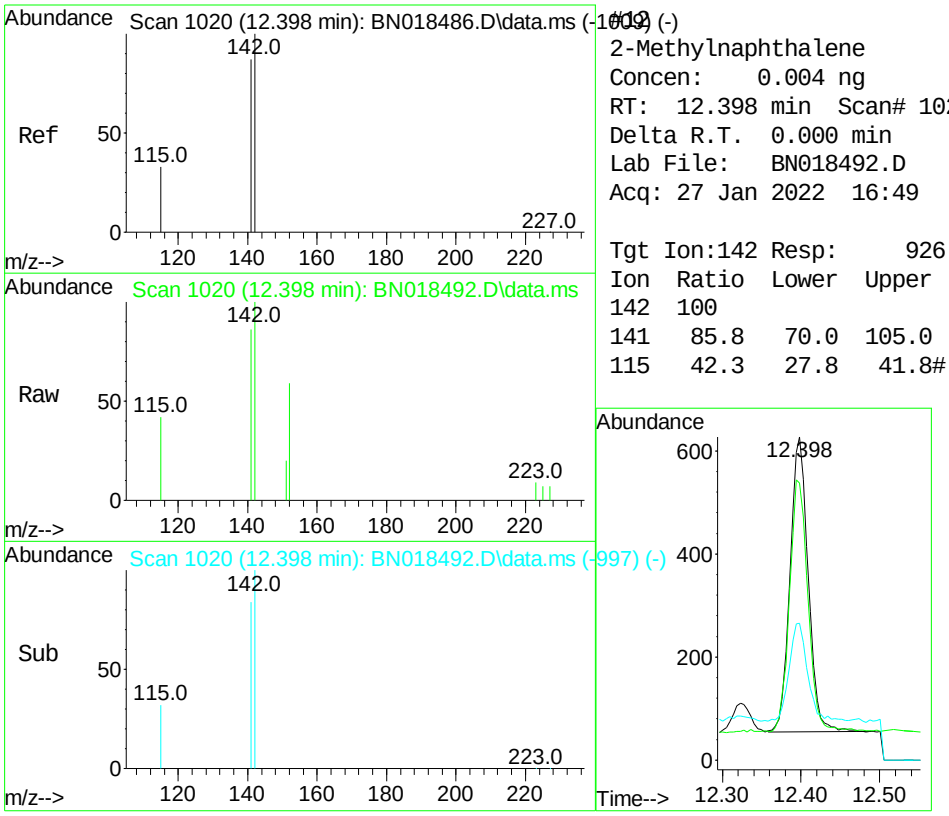


#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.323 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:152 Resp: 69917

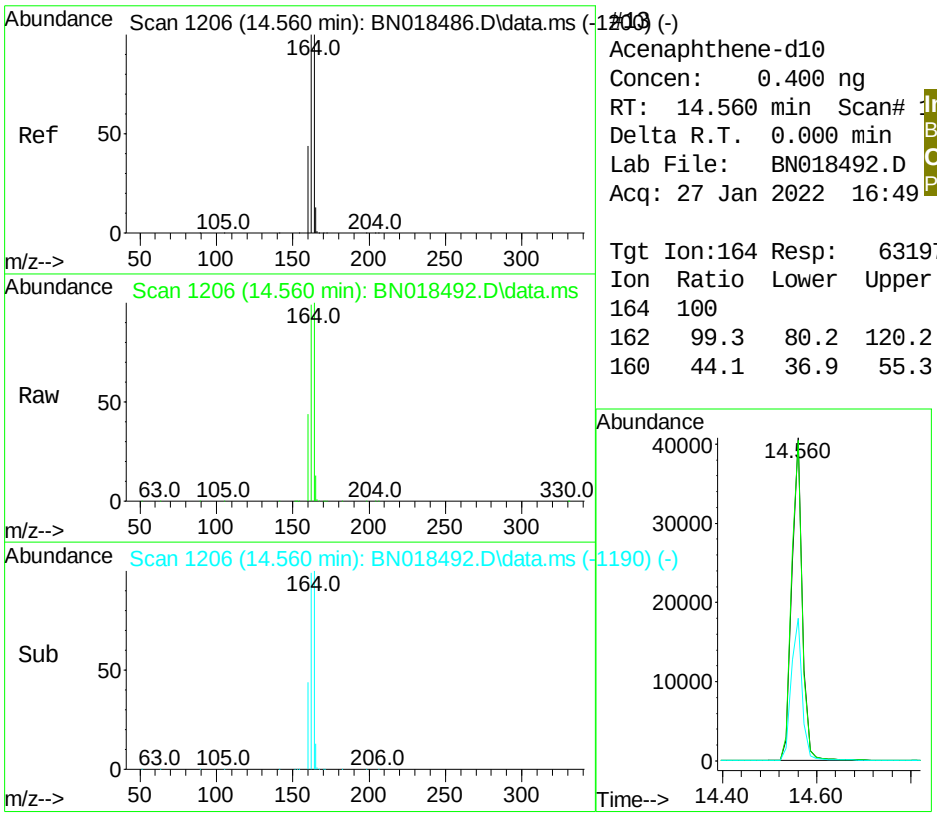
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



#12
2-Methylnaphthalene
Concen: 0.004 ng
RT: 12.398 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:142 Resp: 926

Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.0	105.0
115	42.3	27.8	41.8#

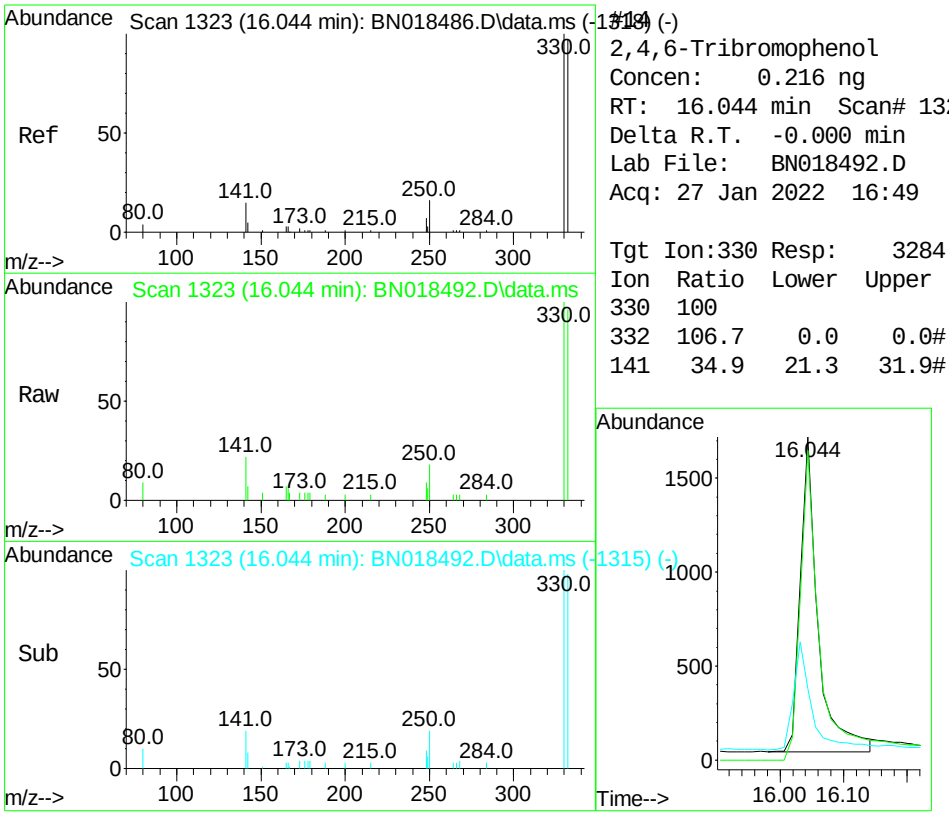


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.560 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:164 Resp: 63197

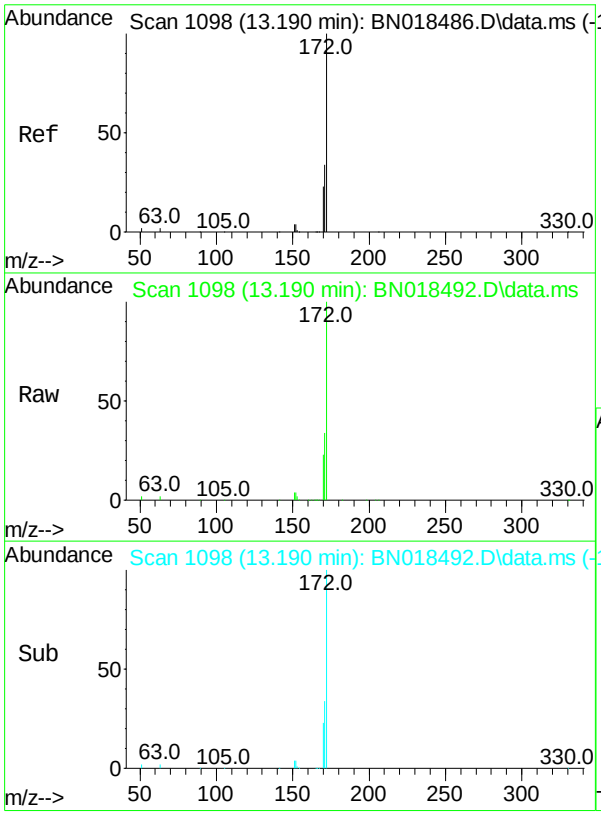
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.2
160	44.1	36.9	55.3



#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 16.044 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:330 Resp: 3284

Ion	Ratio	Lower	Upper
330	100		
332	106.7	0.0	0.0#
141	34.9	21.3	31.9#

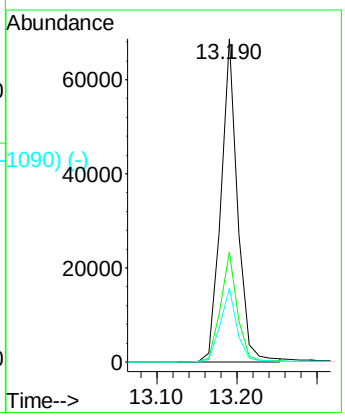


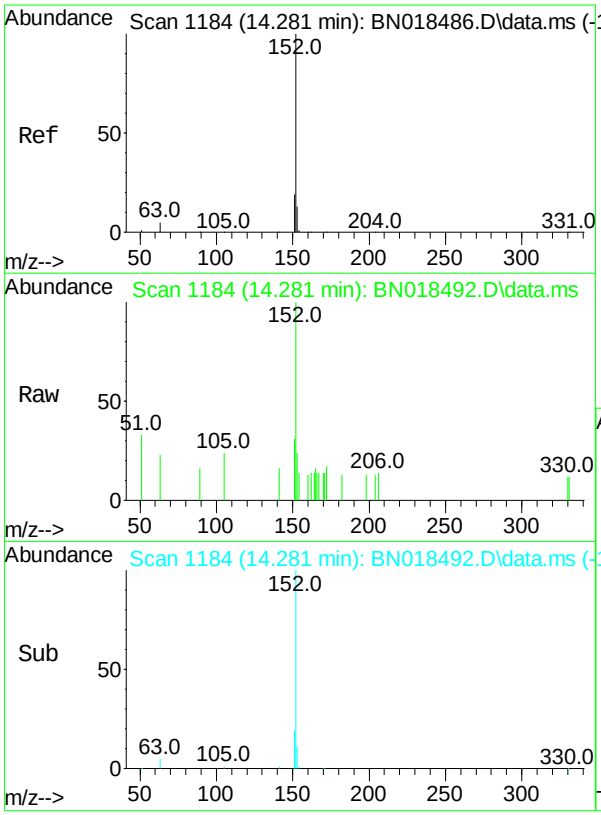
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.190 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:172 Resp: 99831

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.4	41.0
170	22.7	18.4	27.6

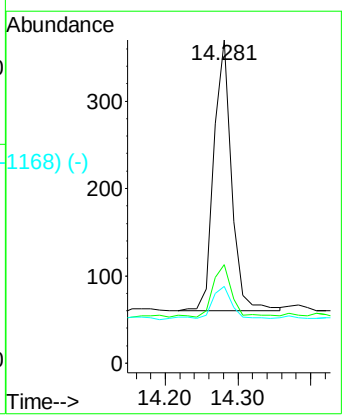


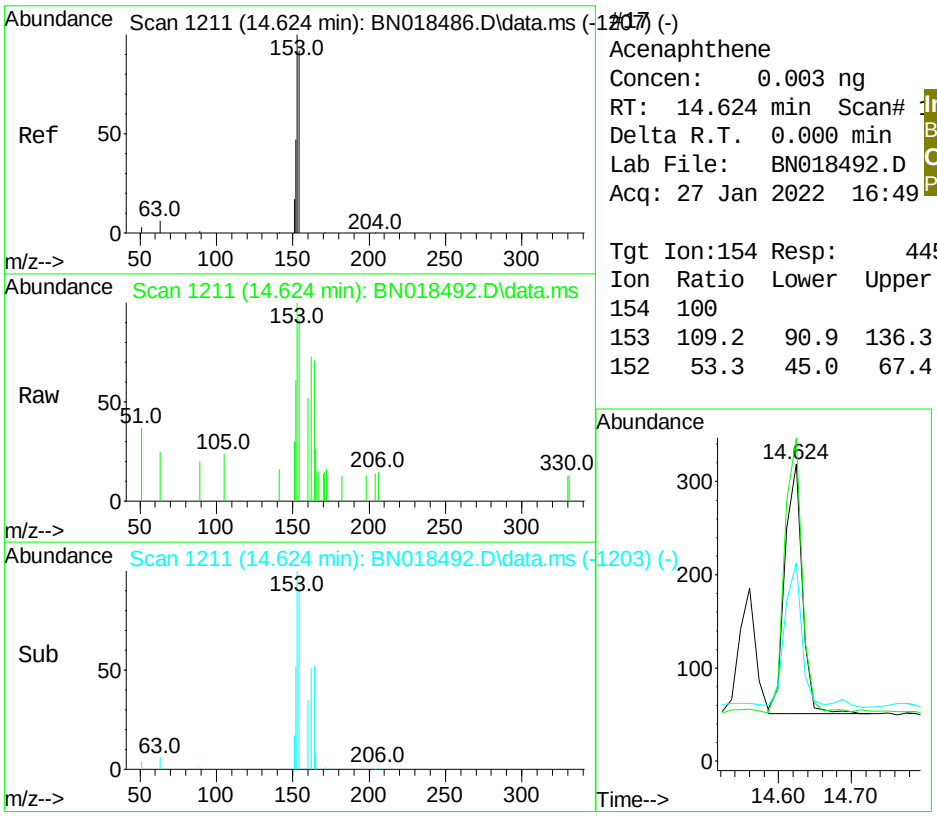


#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:152 Resp: 529

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	14.7	10.5	15.7



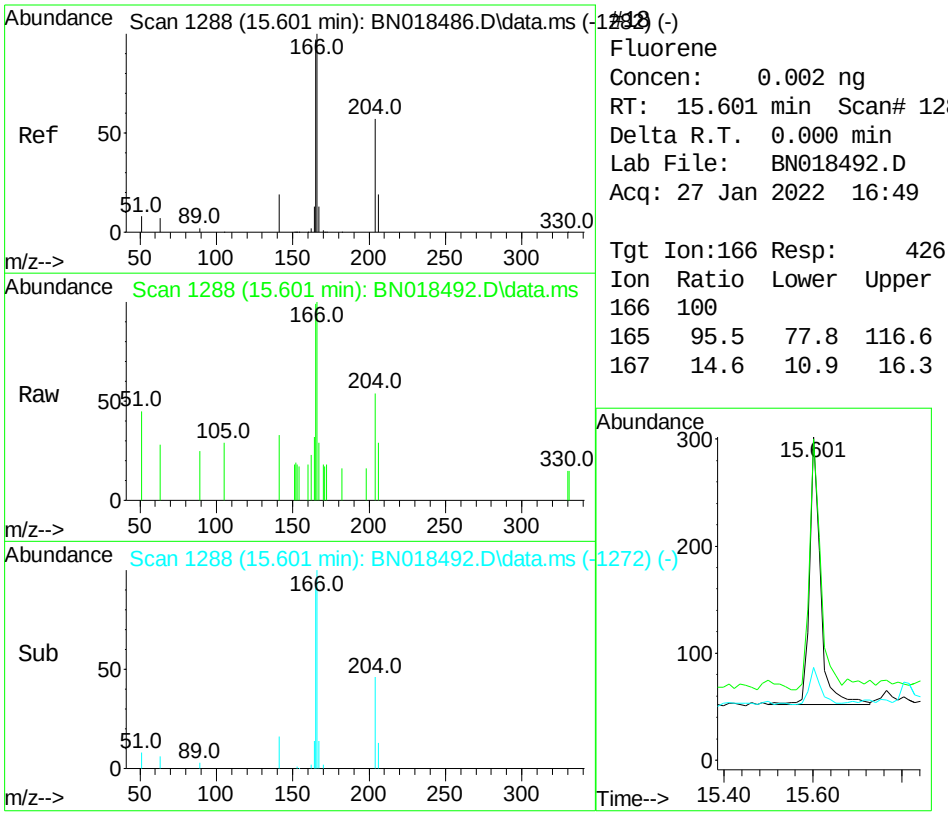


#17
Acenaphthene
Concen: 0.003 ng
RT: 14.624 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:154 Resp: 445

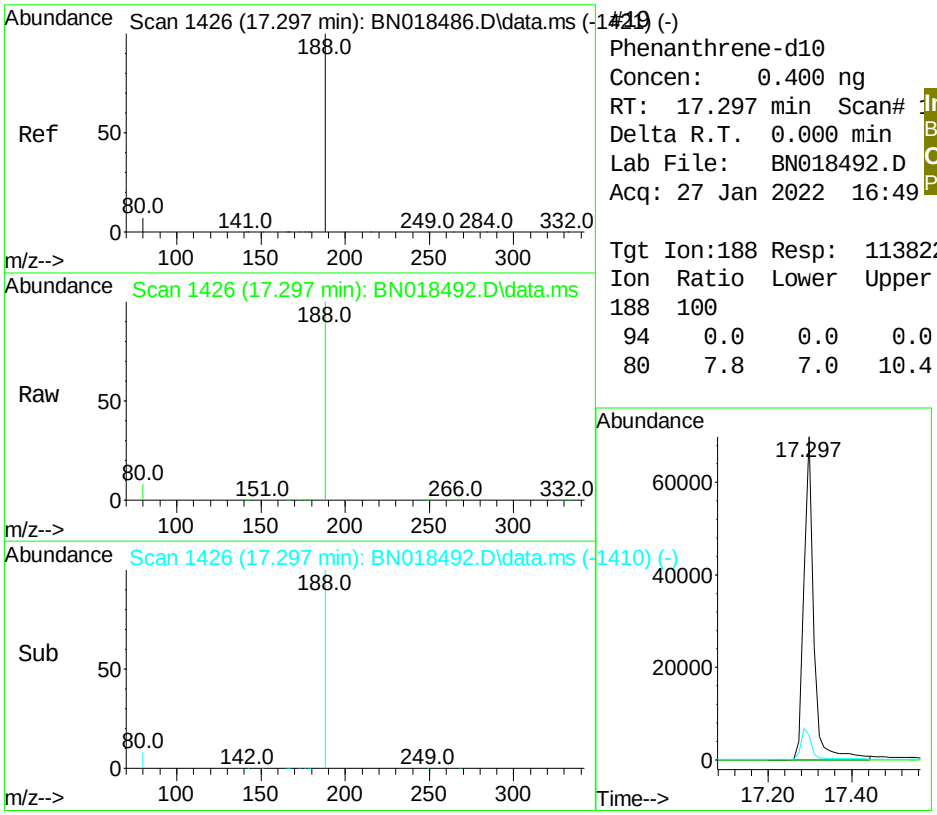
Ion	Ratio	Lower	Upper
154	100		
153	109.2	90.9	136.3
152	53.3	45.0	67.4



#18
Fluorene
Concen: 0.002 ng
RT: 15.601 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:166 Resp: 426

Ion	Ratio	Lower	Upper
166	100		
165	95.5	77.8	116.6
167	14.6	10.9	16.3

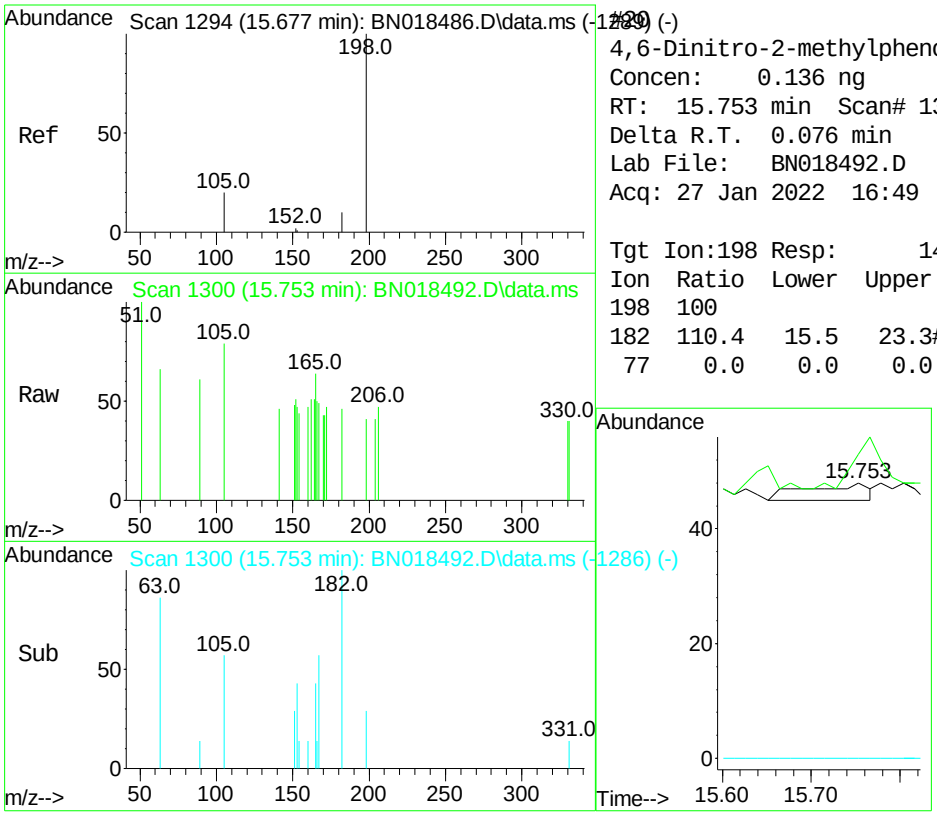


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.297 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:188 Resp: 113822

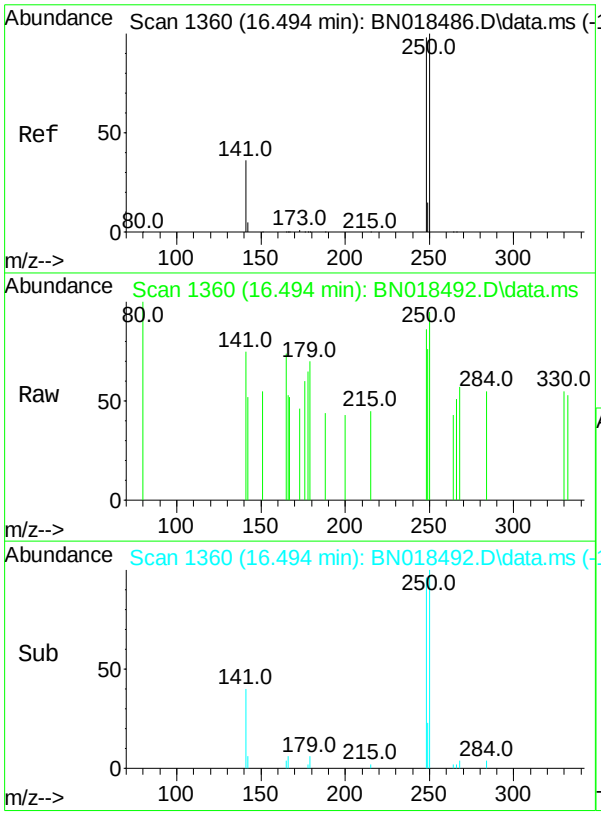
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	7.0	10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.136 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.076 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:198 Resp: 14

Ion	Ratio	Lower	Upper
198	100		
182	110.4	15.5	23.3#
77	0.0	0.0	0.0

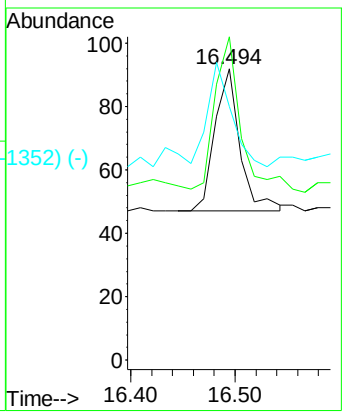


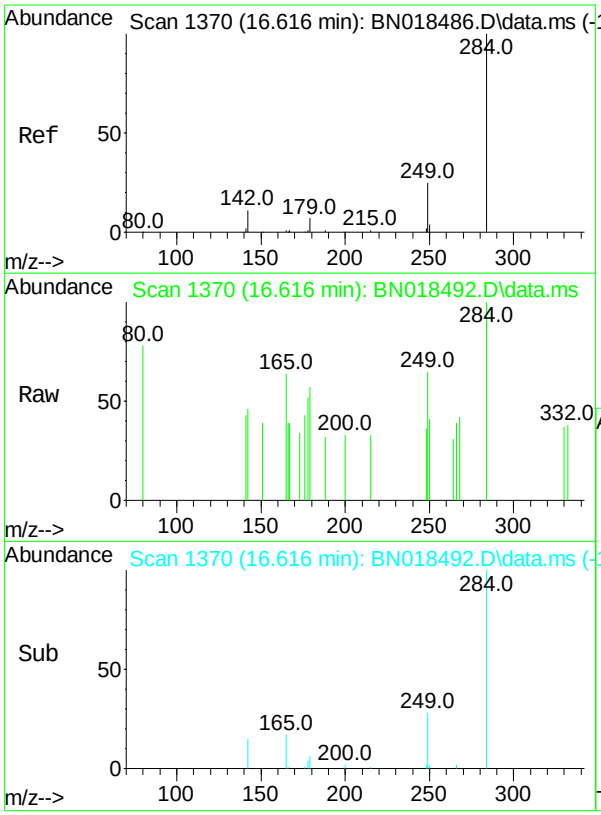
#21
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:248 Resp: 76

Ion	Ratio	Lower	Upper
248	100		
250	110.9	74.4	111.6
141	87.0	43.7	65.5#

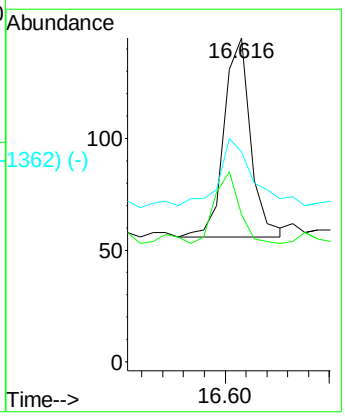


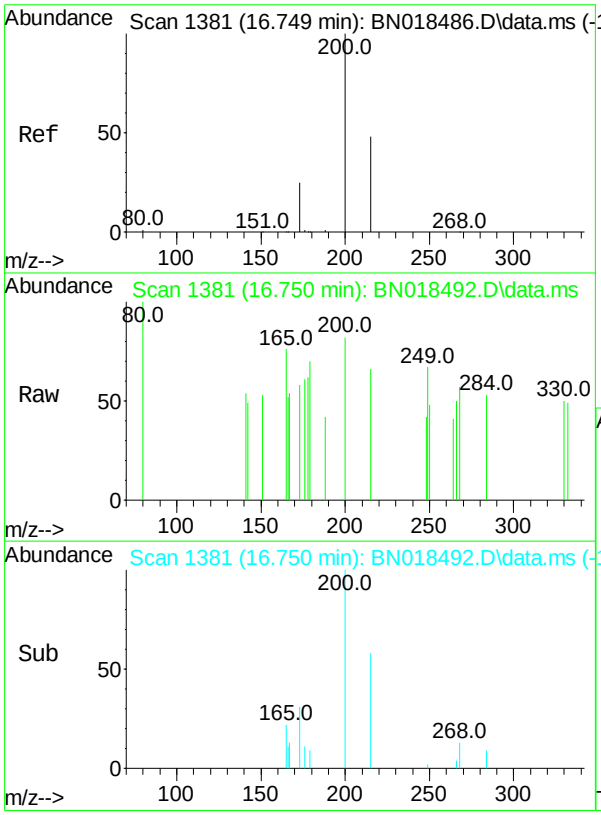


#22
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:284 Resp: 159

Ion	Ratio	Lower	Upper
284	100		
142	34.0	21.6	32.4#
249	40.3	23.5	35.3#



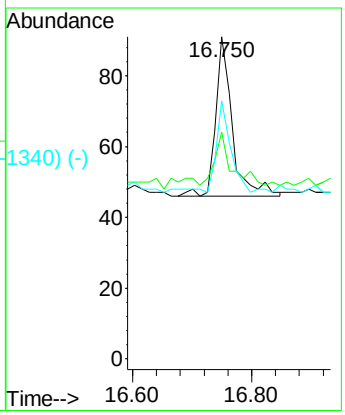


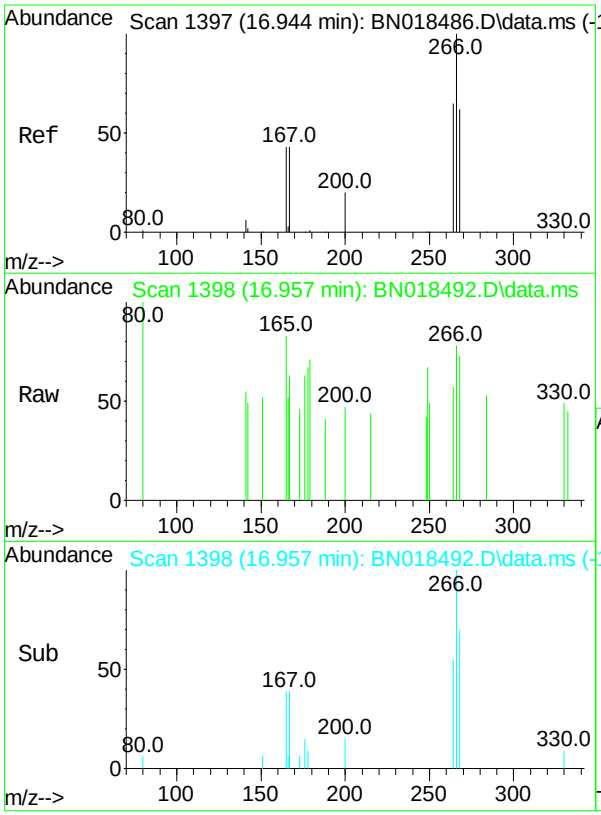
#23
Atrazine
Concen: 0.002 ng
RT: 16.750 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:200 Resp: 87

Ion	Ratio	Lower	Upper
200	100		
173	70.3	20.3	30.5#
215	80.2	40.4	60.6#

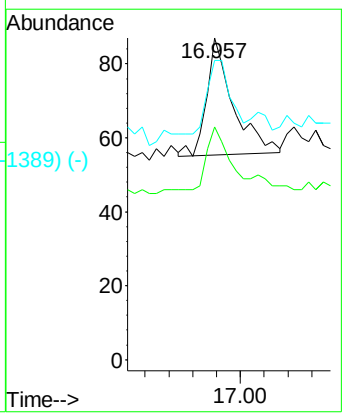




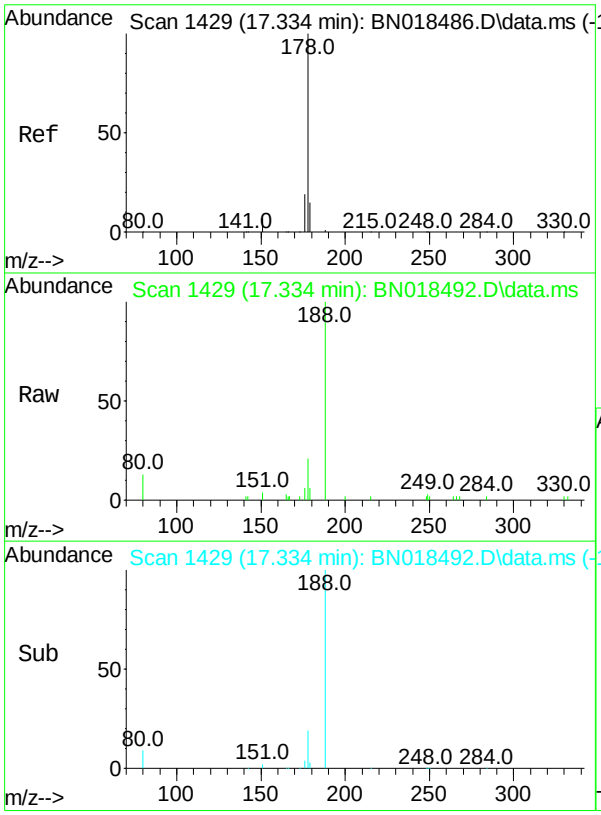
#24
Pentachlorophenol
Concen: 0.327 ng
RT: 16.957 min Scan# 1398
Delta R.T. 0.013 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:266 Resp: 98

Ion	Ratio	Lower	Upper
266	100		
264	53.1	49.5	74.3
268	55.1	50.6	76.0



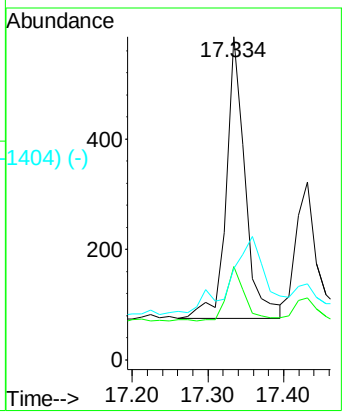
Instrument :
BNA_N
ClientSampleId :
PB142252BL

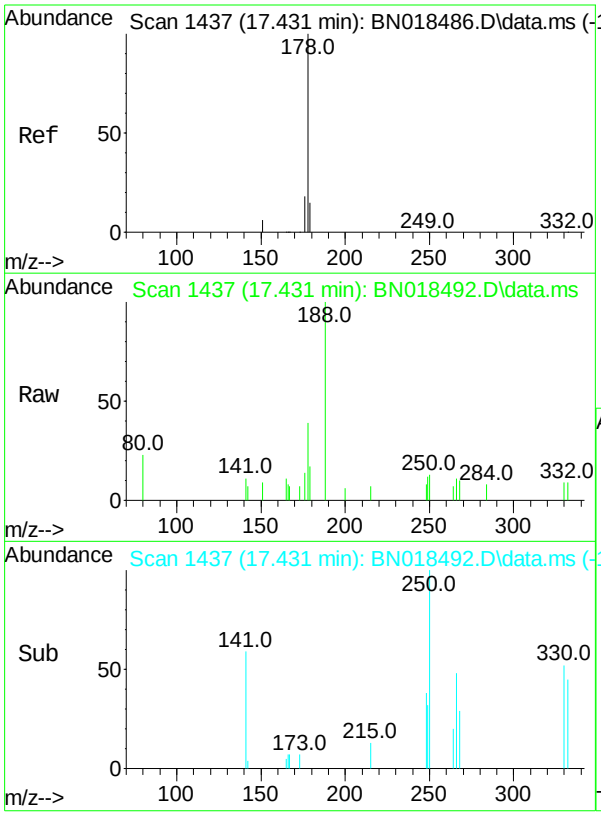


#25
Phenanthrene
Concen: 0.003 ng
RT: 17.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:178 Resp: 881

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	0.0	12.3	18.5#

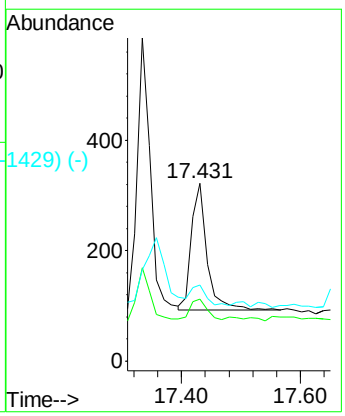


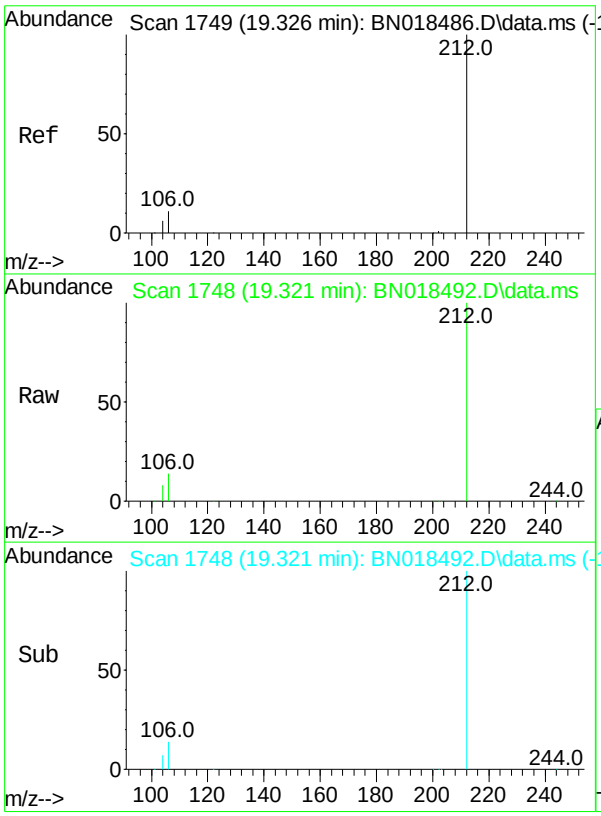


#26
Anthracene
Concen: 0.001 ng
RT: 17.431 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:178 Resp: 421

Ion	Ratio	Lower	Upper
178	100		
176	16.2	14.8	22.2
179	15.4	12.2	18.4



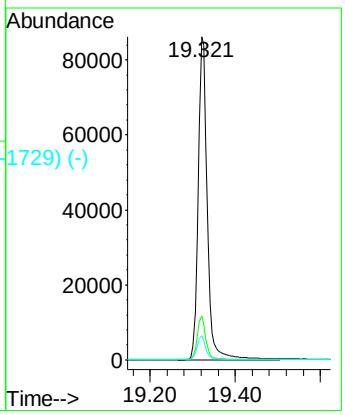


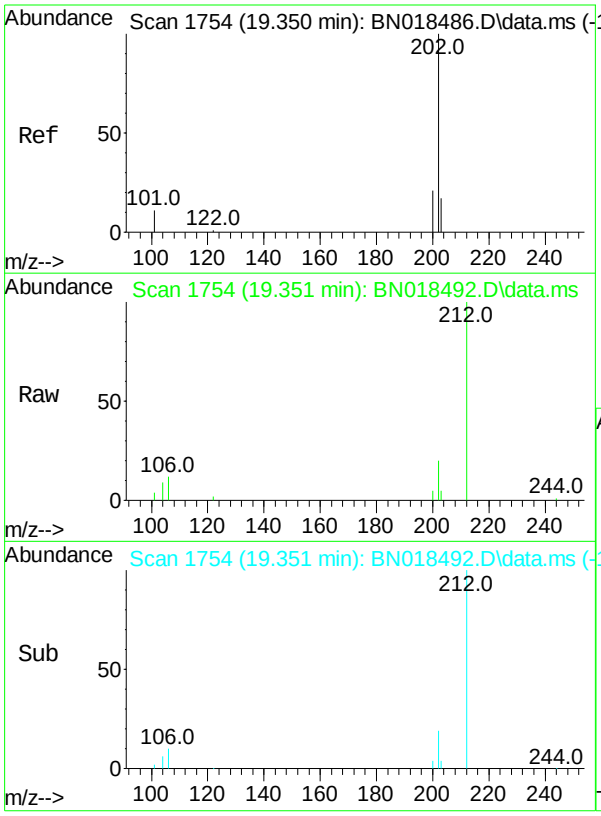
#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.321 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:212 Resp: 125919

Ion	Ratio	Lower	Upper
212	100		
106	13.1	8.4	12.6#
104	7.1	4.5	6.7#

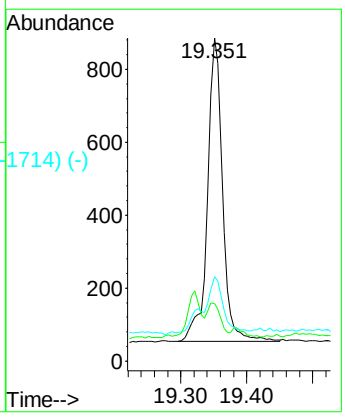


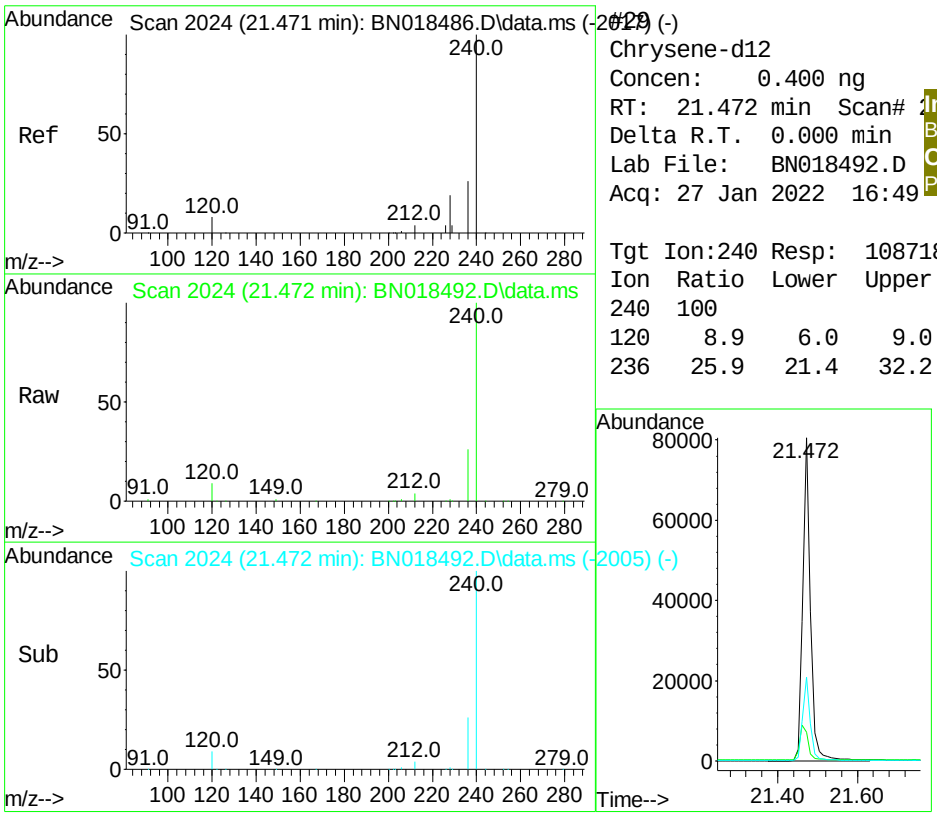


#28
Fluoranthene
Concen: 0.004 ng
RT: 19.351 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:202 Resp: 1315

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	16.0	13.7	20.5



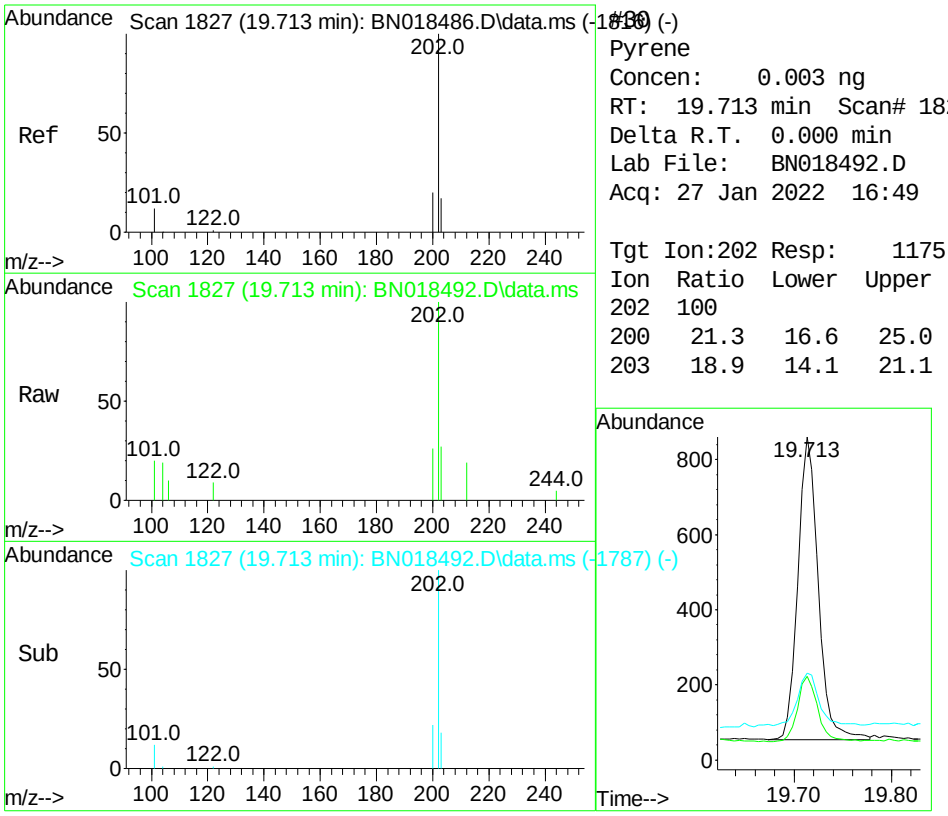


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.472 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:240 Resp: 108718

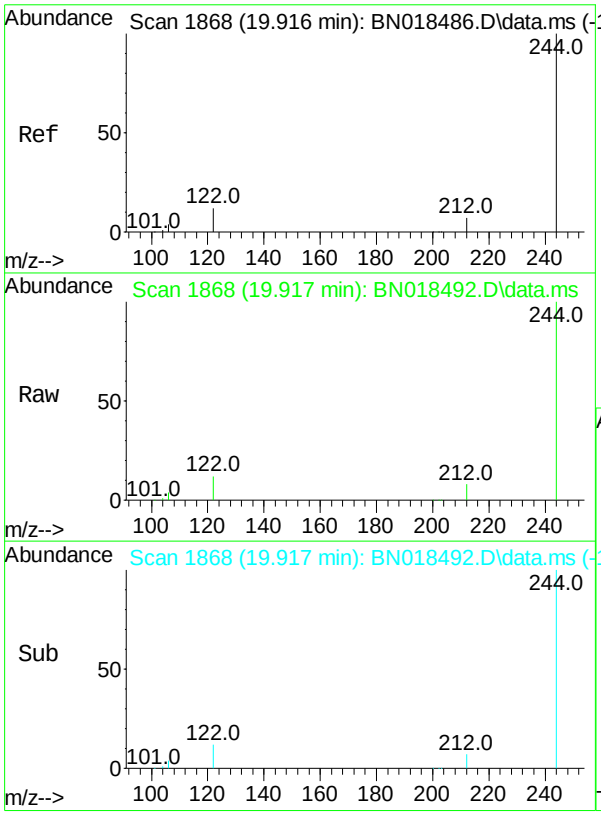
Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.0	9.0
236	25.9	21.4	32.2



#30
Pyrene
Concen: 0.003 ng
RT: 19.713 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:202 Resp: 1175

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	18.9	14.1	21.1

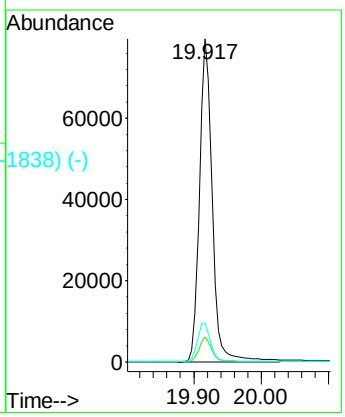


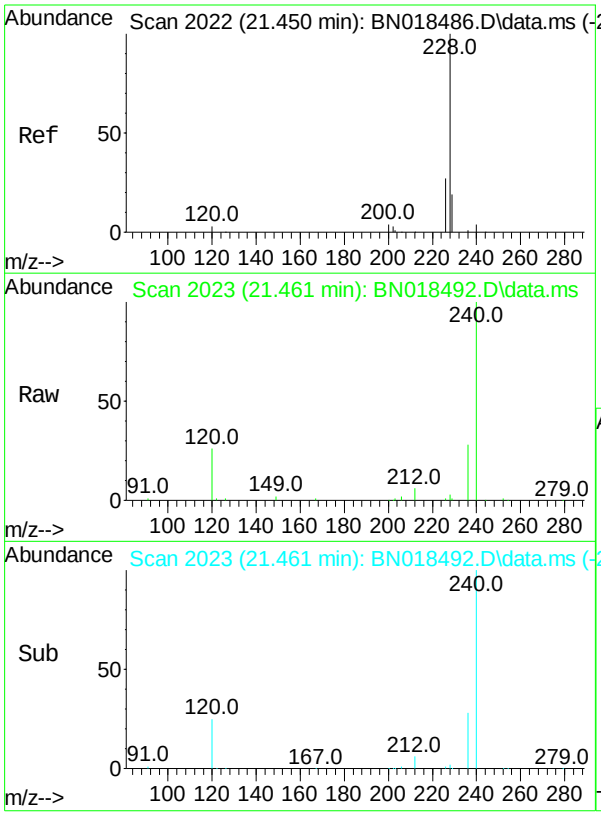
#31
Terphenyl-d14
Concen: 0.406 ng
RT: 19.917 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:244 Resp: 112213

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.1	7.9	11.9#

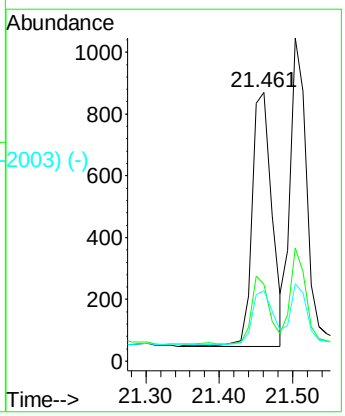


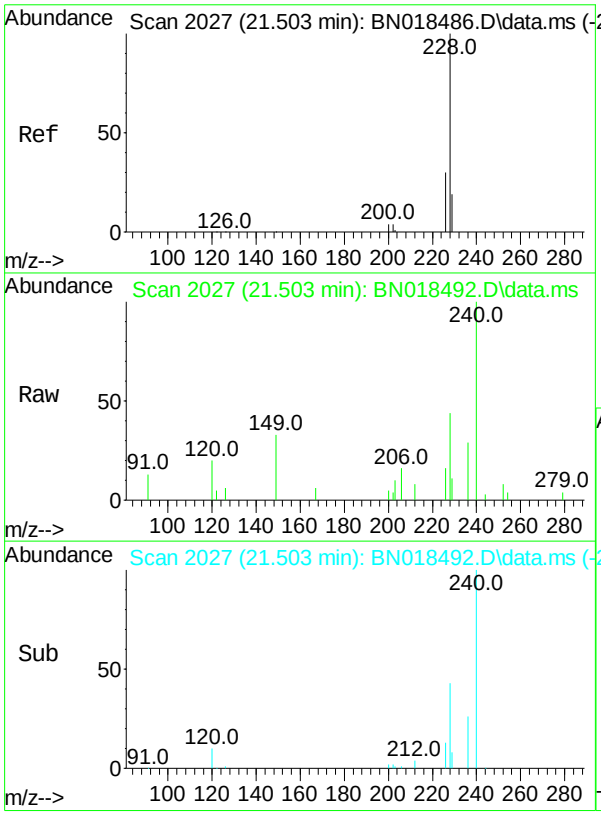


#32
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.461 min Scan# 2023
Delta R.T. 0.011 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:228 Resp: 1540

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.3	31.9
229	26.2	15.9	23.9#



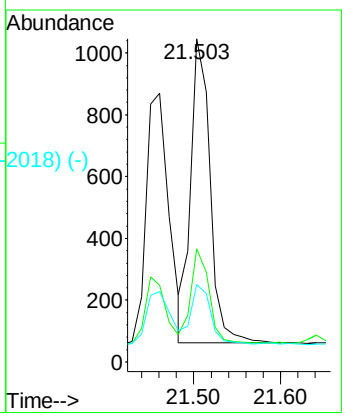


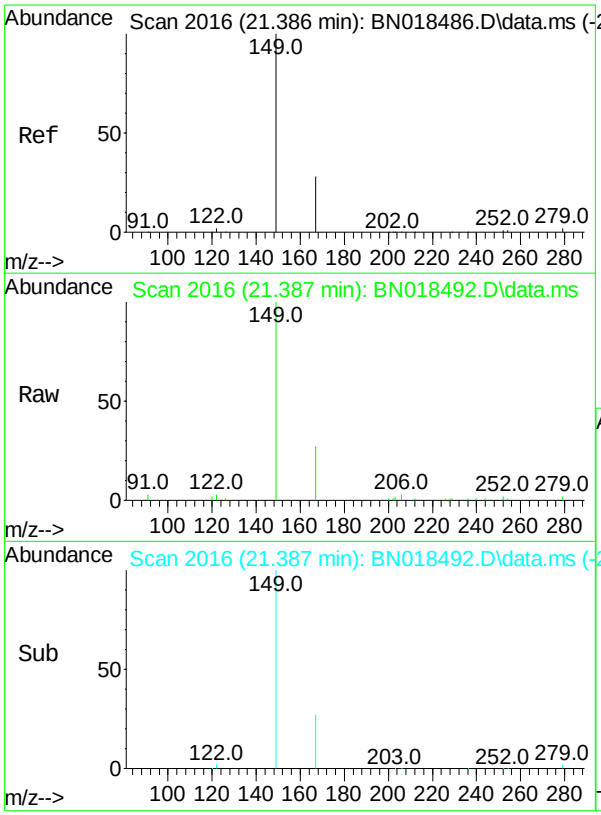
#23
Chrysene
Concen: 0.004 ng
RT: 21.503 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:228 Resp: 1518

Ion	Ratio	Lower	Upper
228	100		
226	35.0	24.2	36.4
229	23.9	15.5	23.3#

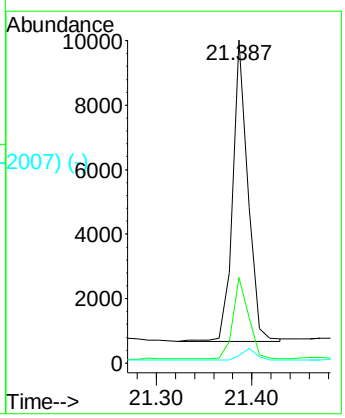


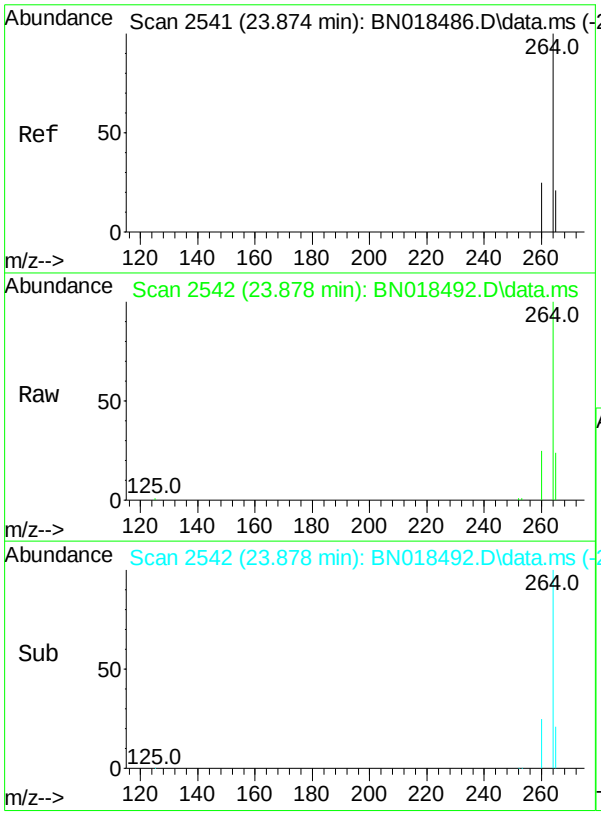


#24
Bis(2-ethylhexyl)phthalate
Concen: 0.071 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:149 Resp: 10421

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.7	35.5
279	3.9	3.6	5.4



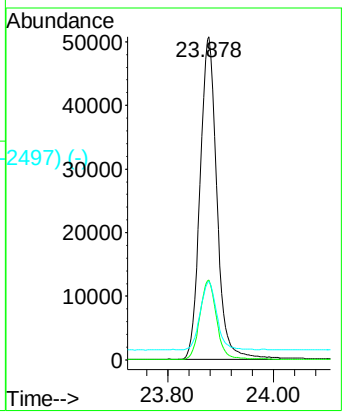


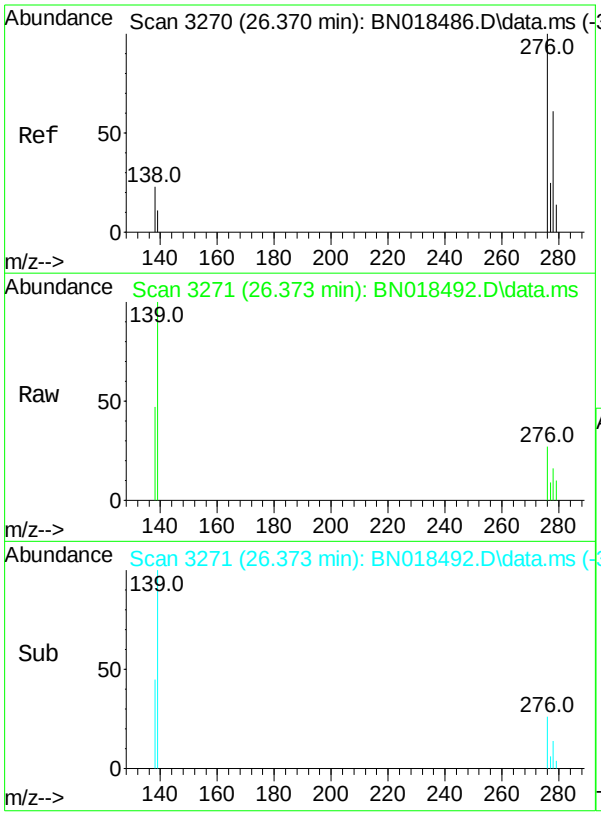
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.878 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:264 Resp: 111739

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.2	30.4
265	24.3	18.2	27.2

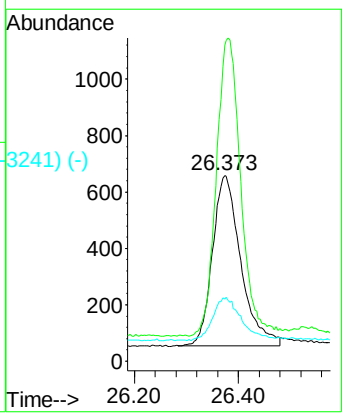


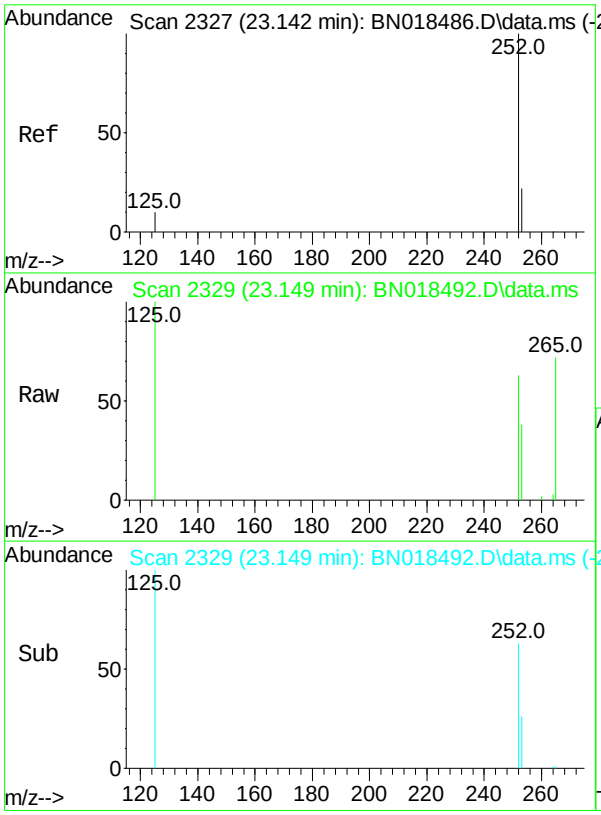


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 26.373 min Scan# 3271
Delta R.T. 0.004 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:276 Resp: 2293

Ion	Ratio	Lower	Upper
276	100		
138	149.7	14.9	22.3#
277	25.6	19.9	29.9



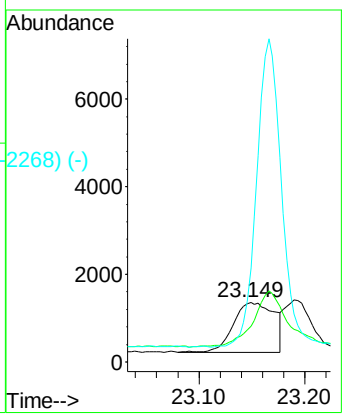


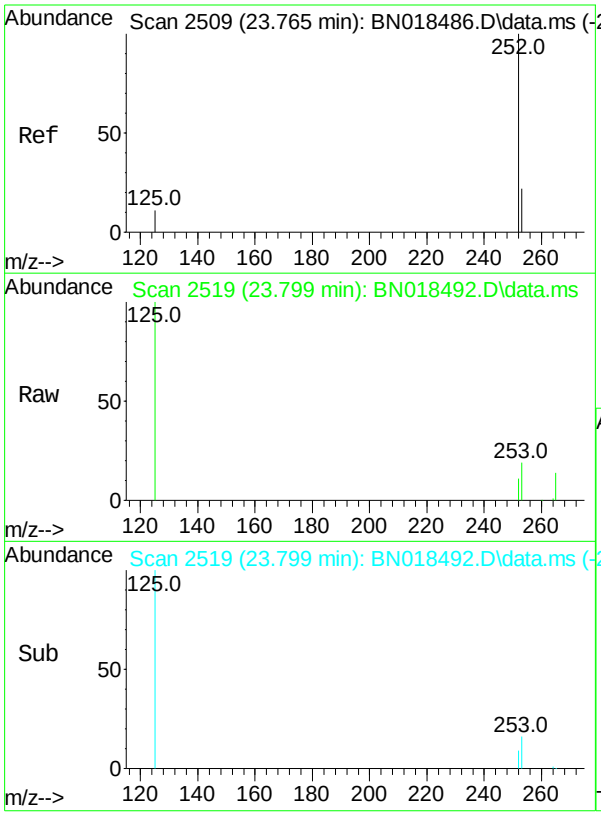
#37
Benzo(b)fluoranthene
Concen: 0.008 ng
RT: 23.149 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:252 Resp: 3039

Ion	Ratio	Lower	Upper
252	100		
253	60.3	17.8	26.6#
125	157.8	6.0	9.0#

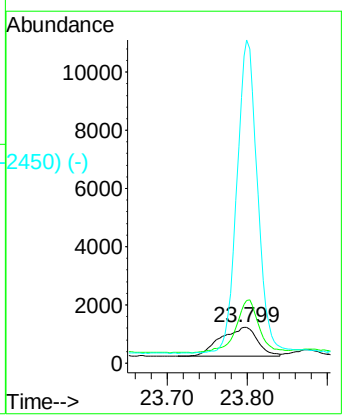


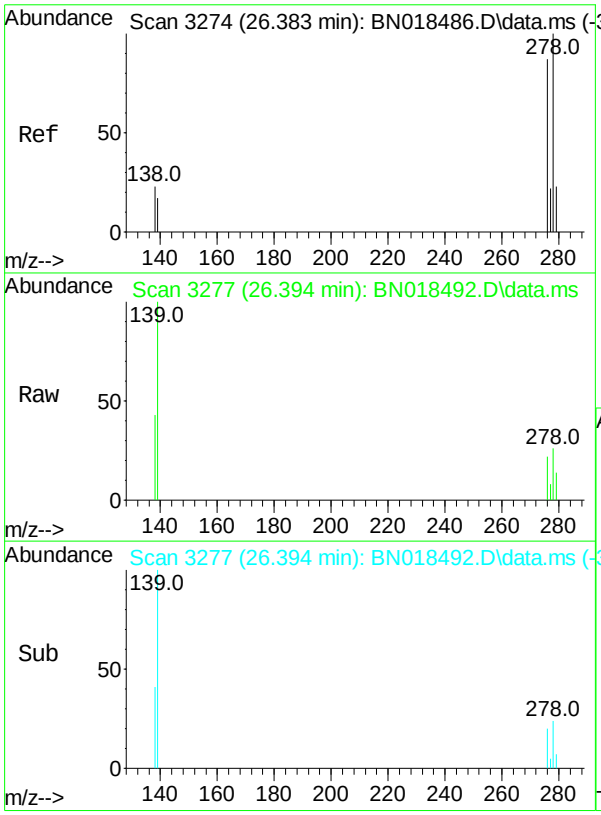


#39
Benzo(a)pyrene
Concen: 0.010 ng
RT: 23.799 min Scan# 2519
Delta R.T. 0.034 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:252 Resp: 3213

Ion	Ratio	Lower	Upper
252	100		
253	173.6	17.8	26.6#
125	896.8	7.0	10.4#



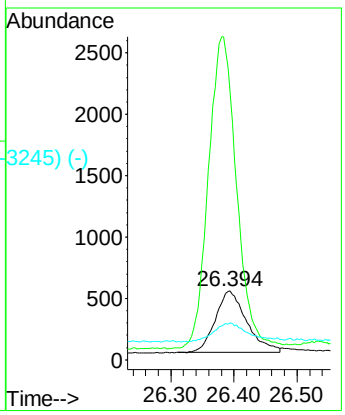


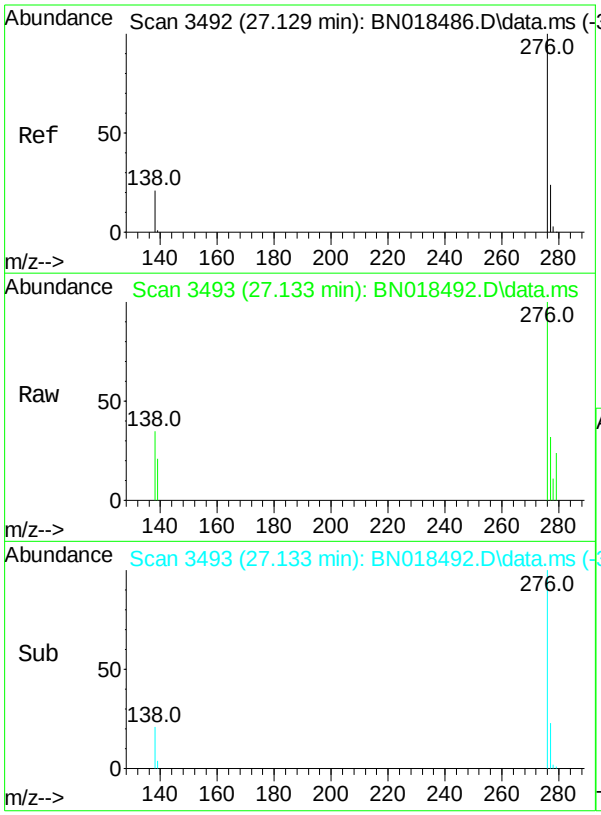
#40
Dibenzo(a,h)anthracene
Concen: 0.006 ng
RT: 26.394 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB142252BL

Tgt Ion:278 Resp: 1738

Ion	Ratio	Lower	Upper
278	100		
139	389.5	10.8	16.2#
279	53.6	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.007 ng
RT: 27.133 min Scan# 3493
Delta R.T. 0.004 min
Lab File: BN018492.D
Acq: 27 Jan 2022 16:49

Tgt Ion:276 Resp: 2287

Ion	Ratio	Lower	Upper
276	100		
277	32.4	19.0	28.6#
138	34.9	12.6	19.0#