Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019030.D
Acq On : 21 Mar 2022 19:43
Operator : CG/JU
Sample : N2007-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP2

Quant Time: Mar 22 02:32:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	7680	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	20100	0.400	ng	#	0.00
13) Acenaphthene-d10	14.495	164	10311	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	15958	0.400	ng	#	0.00
29) Chrysene-d12	21.422	240	13124	0.400	ng	#	0.00
35) Perylene-d12	23.784	264	13220	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	387	0.022	ng		0.00
5) Phenol-d6	7.016	99	305	0.017	ng		0.00
8) Nitrobenzene-d5	9.025	82	193	0.013	ng		0.01
11) 2-Methylnaphthalene-d10	12.253	152	552	0.017	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	79	0.016	ng		0.00
15) 2-Fluorobiphenyl	13.127	172	833	0.020	ng		0.00
27) Fluoranthene-d10	19.261	212	886	0.019	ng		0.00
31) Terphenyl-d14	19.860	244	734	0.023	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.327	93	2021	0.094	ng	#	22
16) Acenaphthylene	14.206	152	1434	0.030	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	6	0.111	ng	#	1
25) Phenanthrene	17.277	178	6246	0.125	ng		100
26) Anthracene	17.369	178	2107	0.050	ng	#	93
28) Fluoranthene	19.291	202	16098	0.275	ng		99
30) Pyrene	19.653	202	15397	0.236	ng	#	96
32) Benzo(a)anthracene	21.404	228	7093	0.175	ng	#	83
33) Chrysene	21.458	228	8289	0.152	ng	#	85
34) Bis(2-ethylhexyl)phtha...	21.333	149	2234	0.083	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.232	276	5862	0.123	ng	#	87
37) Benzo(b)fluoranthene	23.068	252	11440	0.237	ng	#	62
38) Benzo(k)fluoranthene	23.249	252	1579	0.024	ng	#	1
39) Benzo(a)pyrene	23.679	252	7031	0.160	ng	#	67
40) Dibenzo(a,h)anthracene	26.234	278	1161	0.031	ng	#	1
41) Benzo(g,h,i)perylene	26.986	276	8459	0.181	ng	#	85

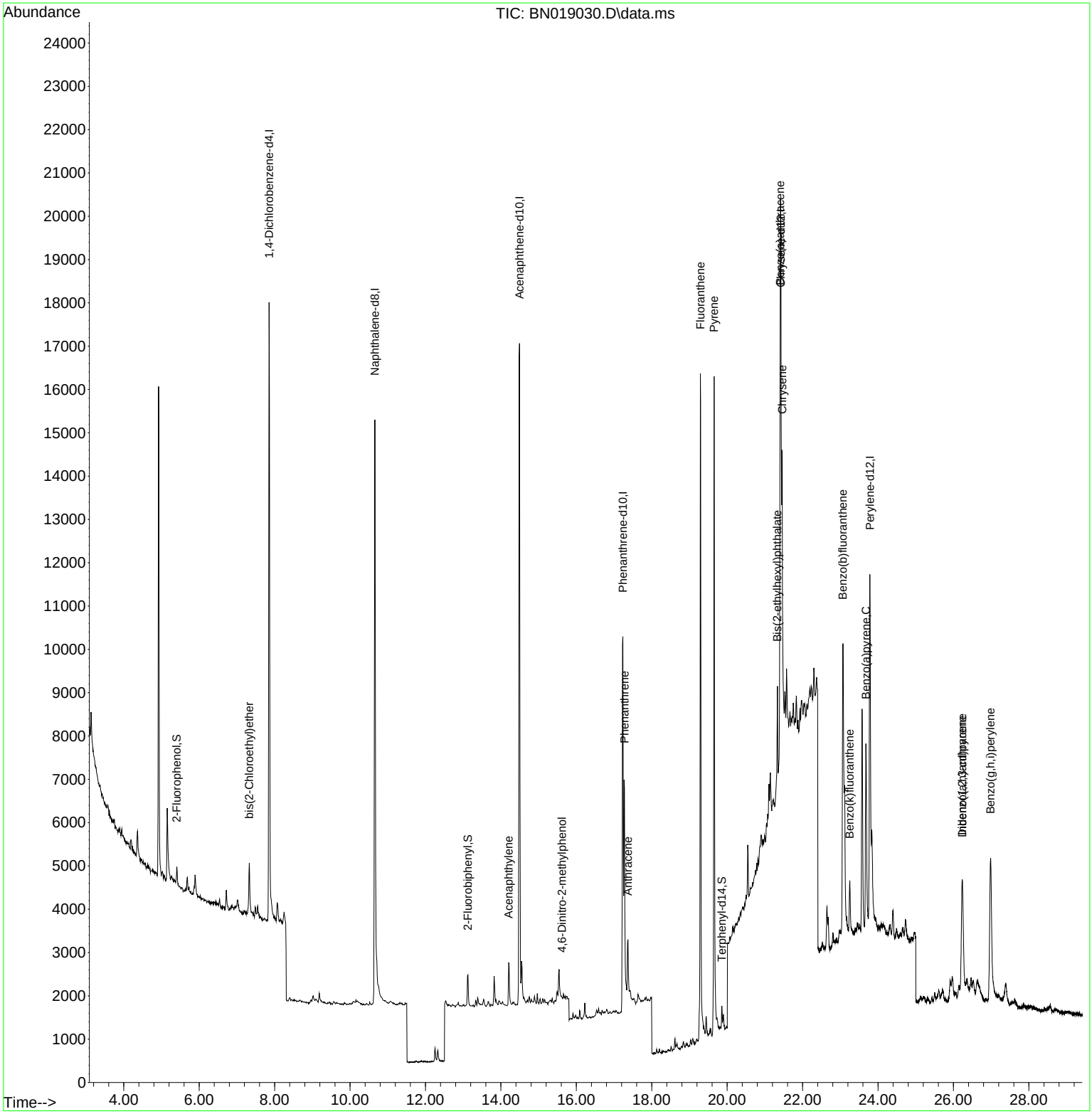
(#) = qualifier out of range (m) = manual integration (+) = signals summed

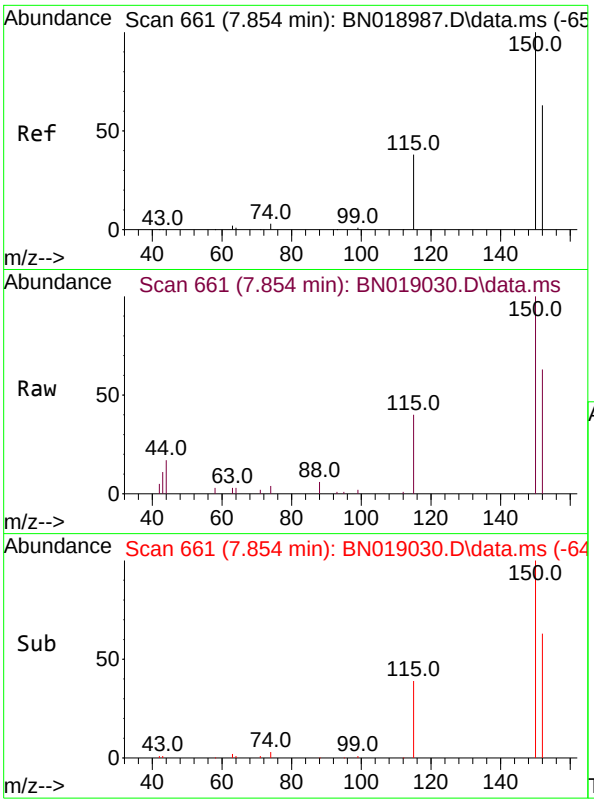
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019030.D
Acq On : 21 Mar 2022 19:43
Operator : CG/JU
Sample : N2007-02 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP2

Quant Time: Mar 22 02:32:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration



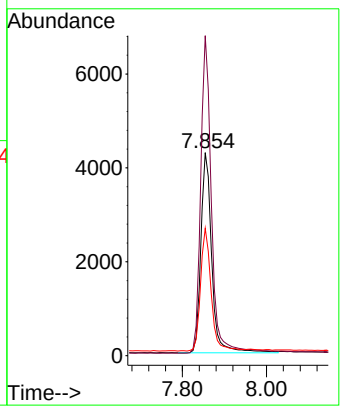


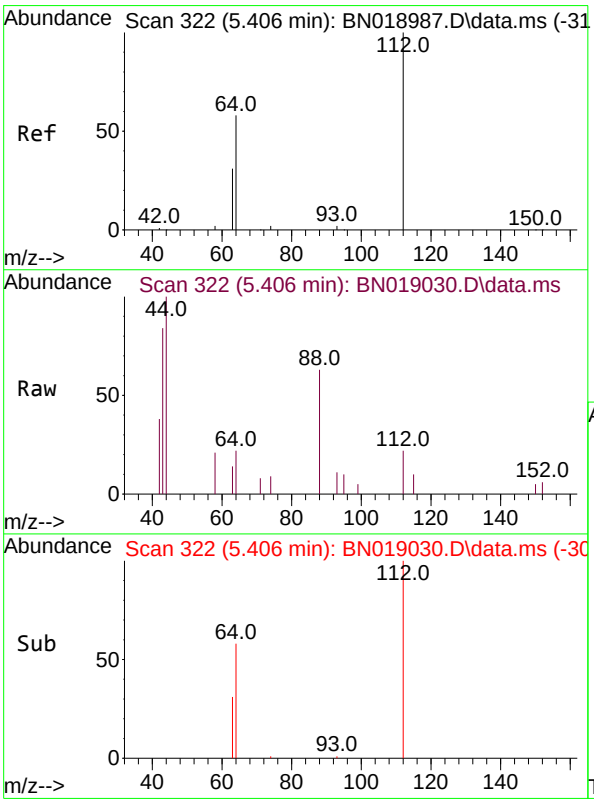
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:152 Resp: 7680

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.9	185.9
115	62.7	48.2	72.4

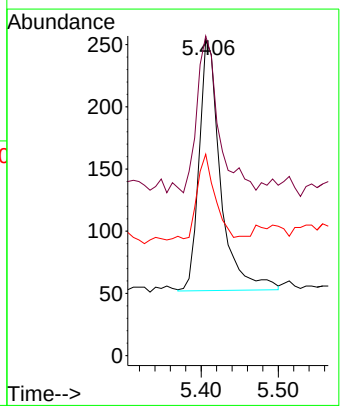


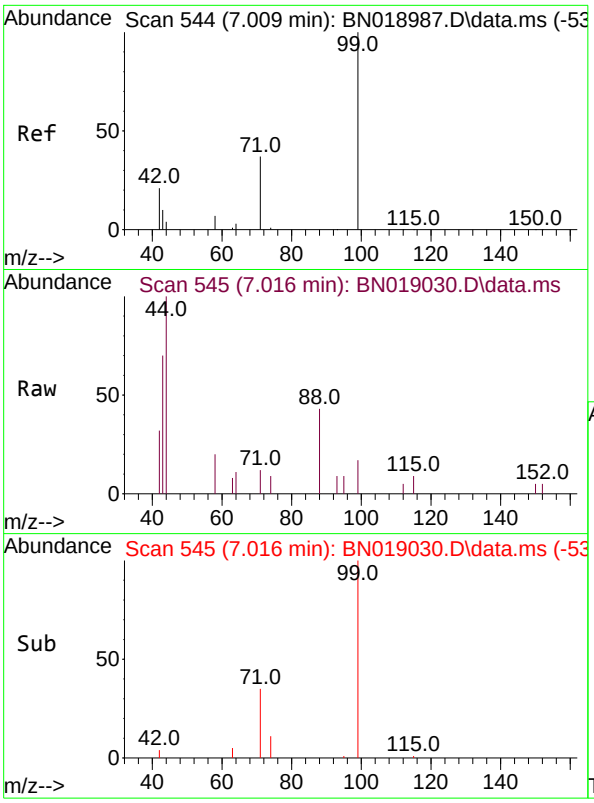


#4
2-Fluorophenol
Concen: 0.022 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:112 Resp: 387

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.8	71.8
63	30.2	25.7	38.5



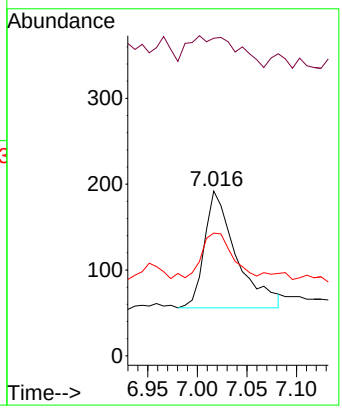


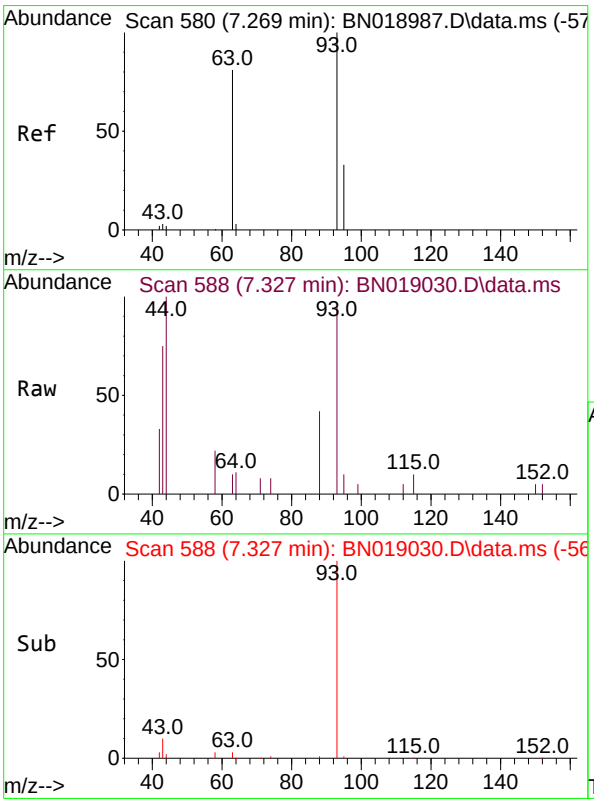
#5
Phenol-d6
Concen: 0.017 ng
RT: 7.016 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion: 99 Resp: 305

Ion	Ratio	Lower	Upper
99	100		
42	13.8	16.2	24.4#
71	36.7	27.7	41.5

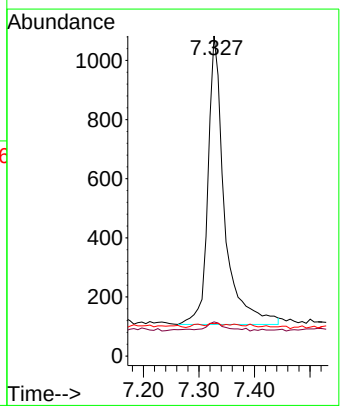


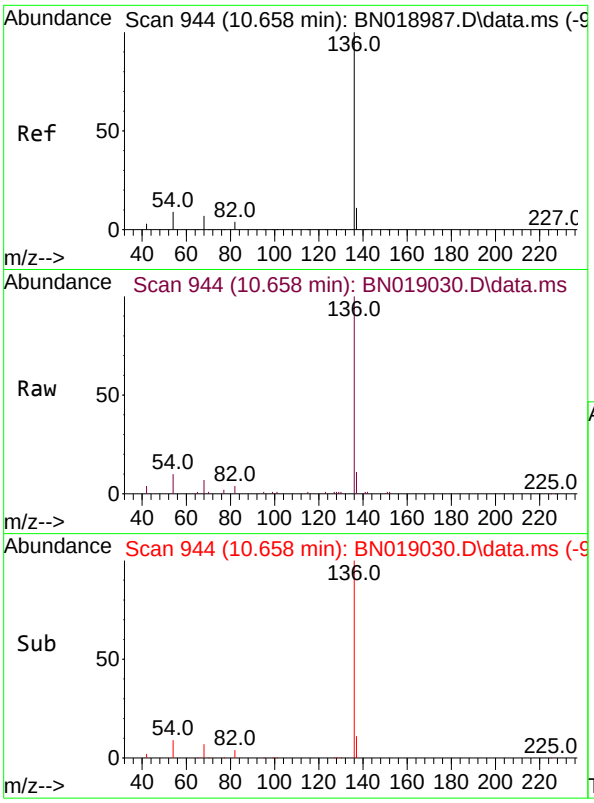


#6
bis(2-Chloroethyl)ether
Concen: 0.094 ng
RT: 7.327 min Scan# 588
Delta R.T. 0.058 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion: 93 Resp: 2021

Ion	Ratio	Lower	Upper
93	100		
63	3.1	62.8	94.2#
95	0.8	26.2	39.4#



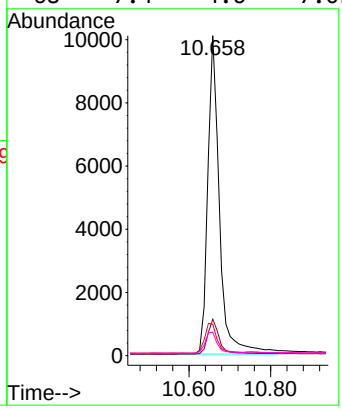


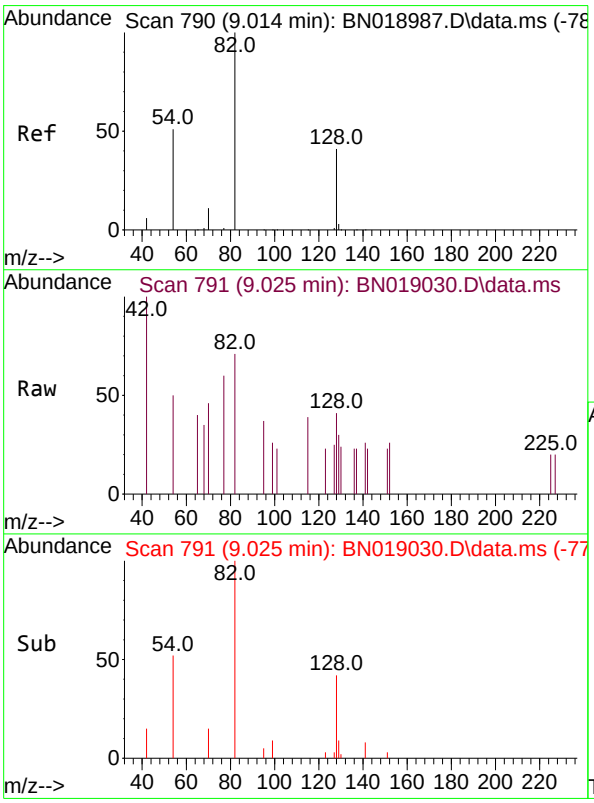
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:136 Resp: 20100

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.9	5.8	8.6#
68	7.4	4.6	7.0#

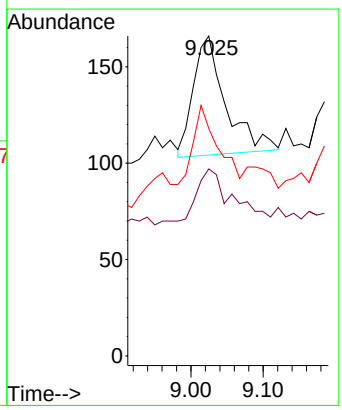


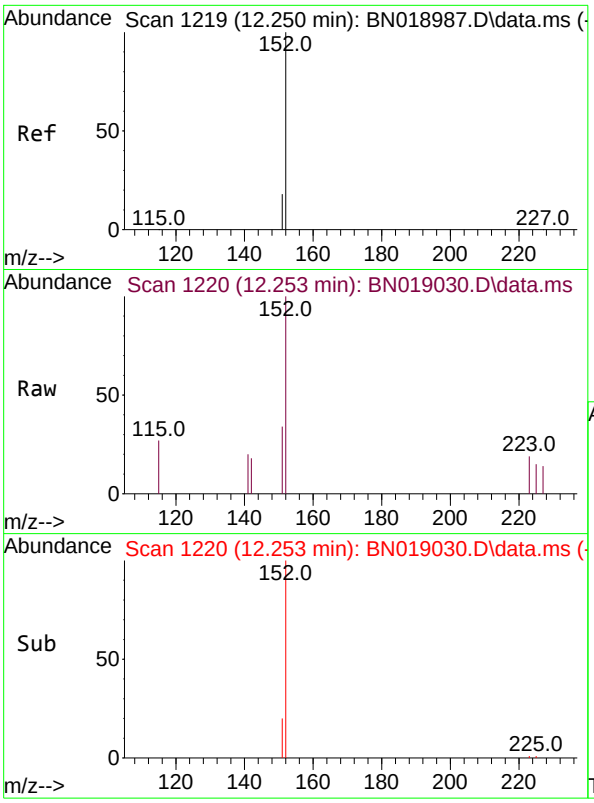


#8
Nitrobenzene-d5
Concen: 0.013 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion: 82 Resp: 193

Ion	Ratio	Lower	Upper
82	100		
128	58.4	33.0	49.6#
54	71.1	42.5	63.7#



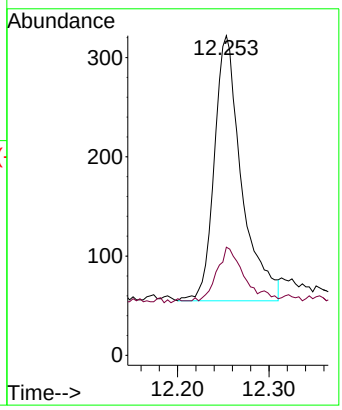


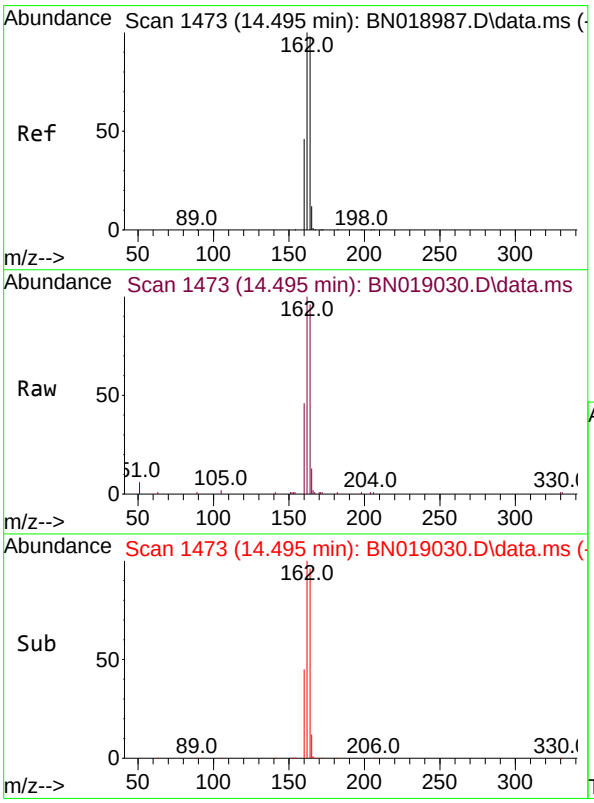
#11
2-Methylnaphthalene-d10
Concen: 0.017 ng
RT: 12.253 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:152 Resp: 552

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7

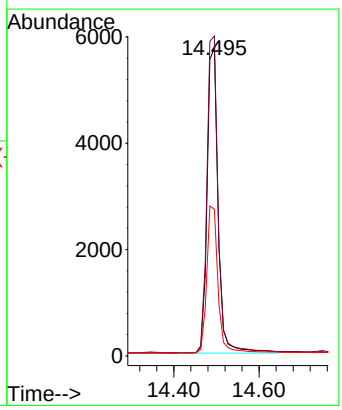


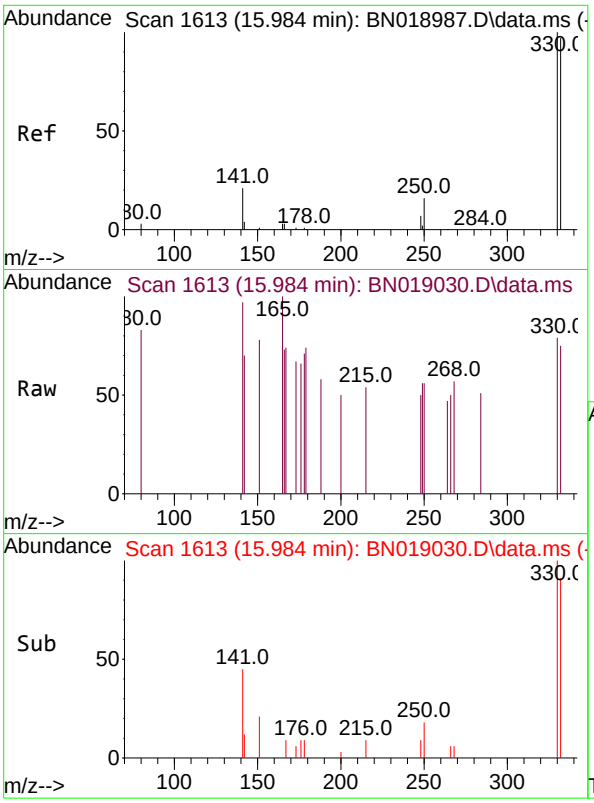


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:164 Resp: 10311

Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.2	127.8
160	47.5	41.5	62.3



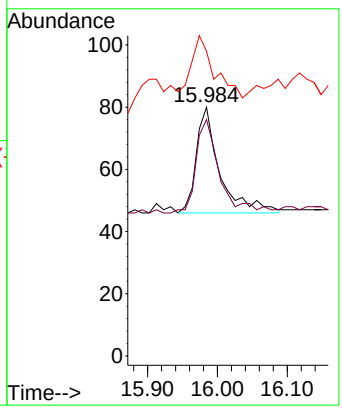


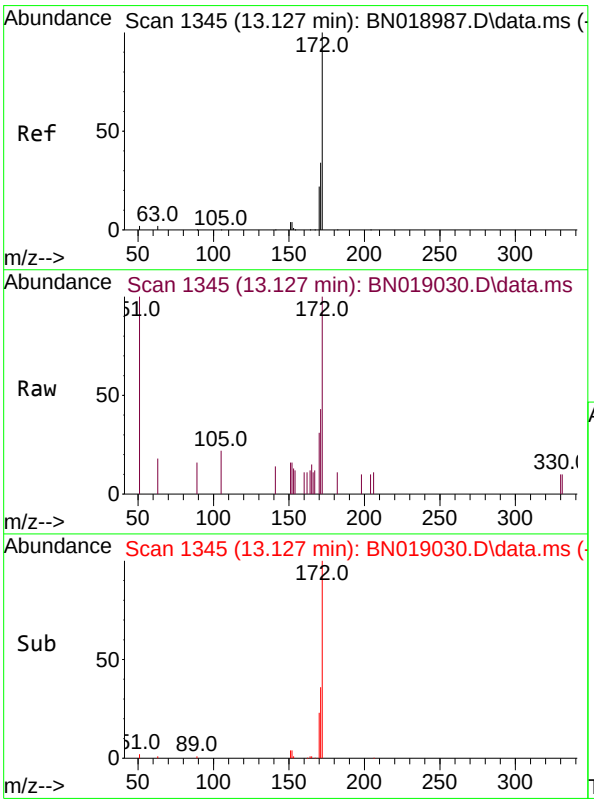
#14
2,4,6-Tribromophenol
Concen: 0.016 ng
RT: 15.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:330 Resp: 79

Ion	Ratio	Lower	Upper
330	100		
332	88.6	76.8	115.2
141	57.0	32.2	48.2#

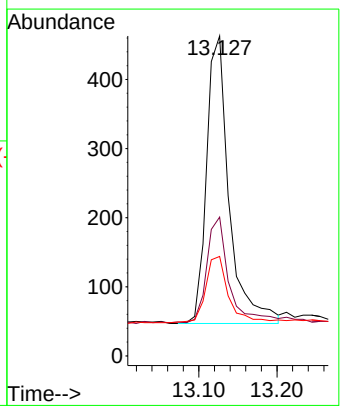


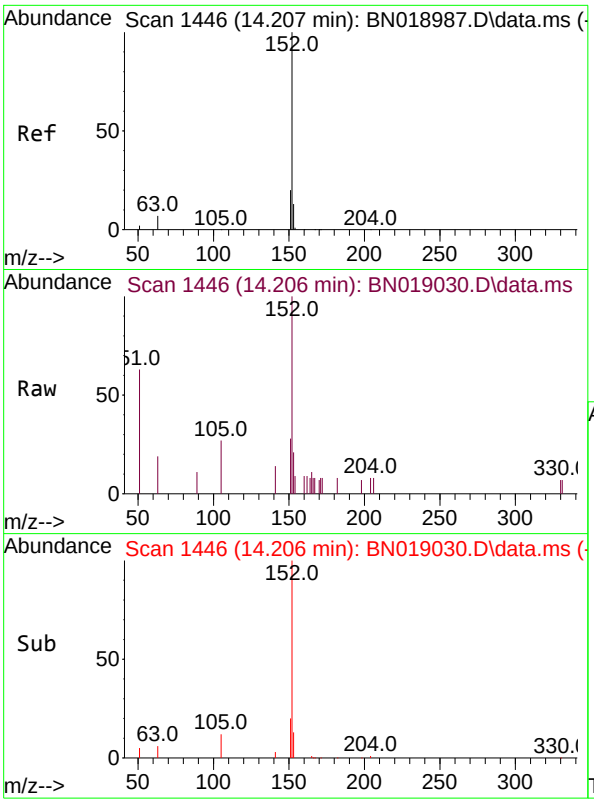


#15
2-Fluorobiphenyl
Concen: 0.020 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:172 Resp: 833

Ion	Ratio	Lower	Upper
172	100		
171	43.4	28.2	42.2#
170	31.1	18.7	28.1#



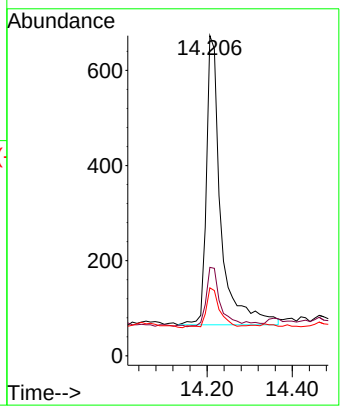


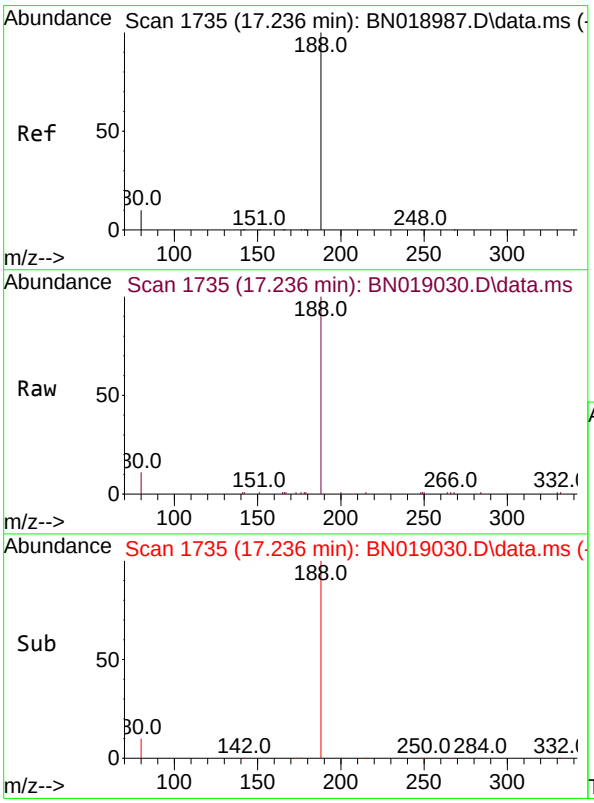
#16
Acenaphthylene
Concen: 0.030 ng
RT: 14.206 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:152 Resp: 1434

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.6	15.8

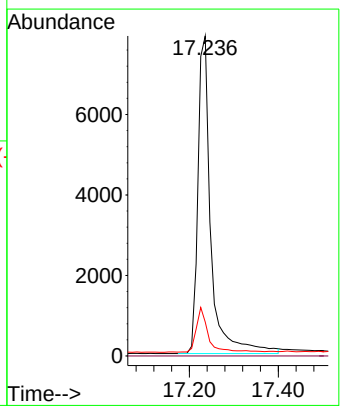


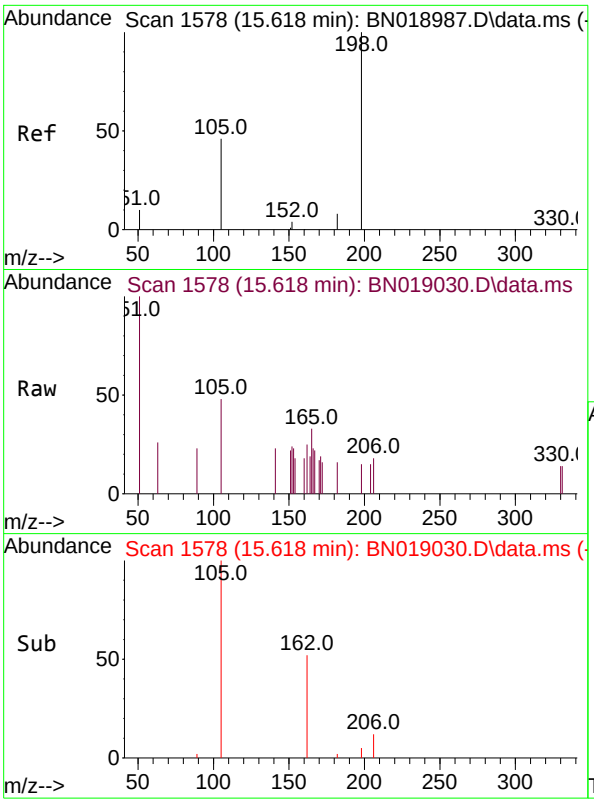


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:188 Resp: 15958

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	11.8	17.8#



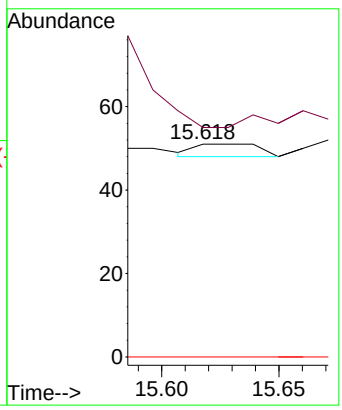


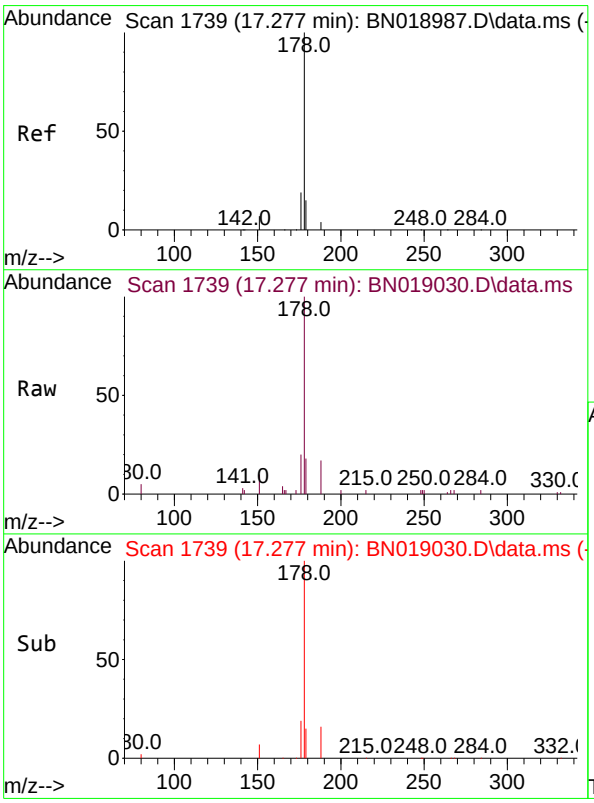
#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
182	107.8	13.0	19.4#
77	0.0	0.0	0.0

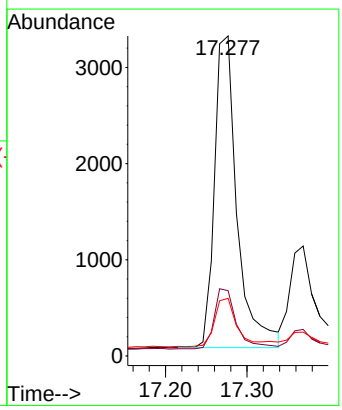


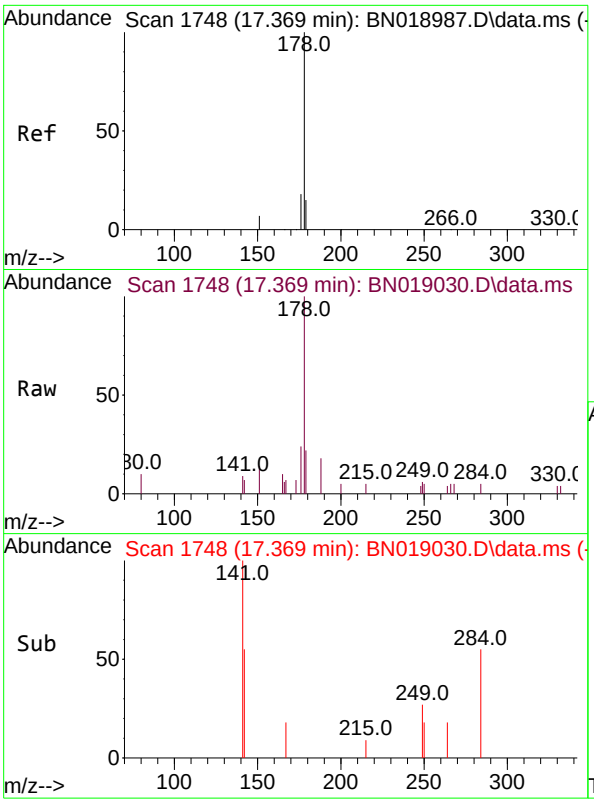


#25
Phenanthrene
Concen: 0.125 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:178 Resp: 6246

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.5	12.2	18.2



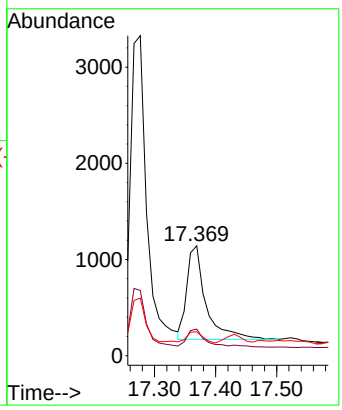


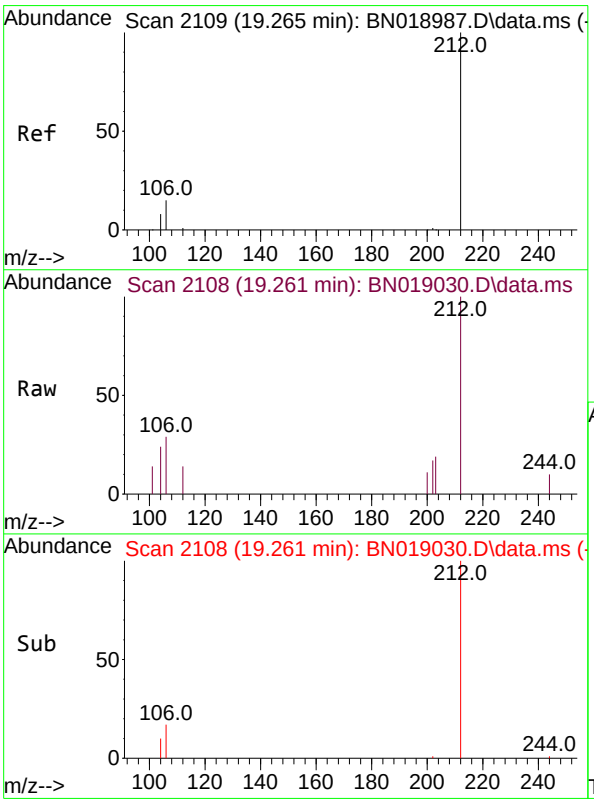
#26
Anthracene
Concen: 0.050 ng
RT: 17.369 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:178 Resp: 2107

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	10.6	12.2	18.4#

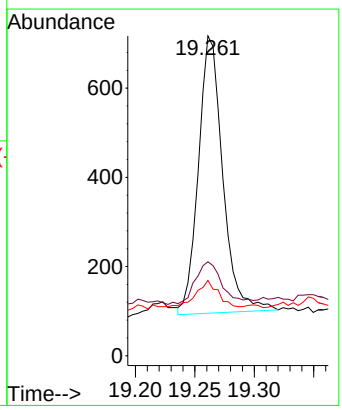


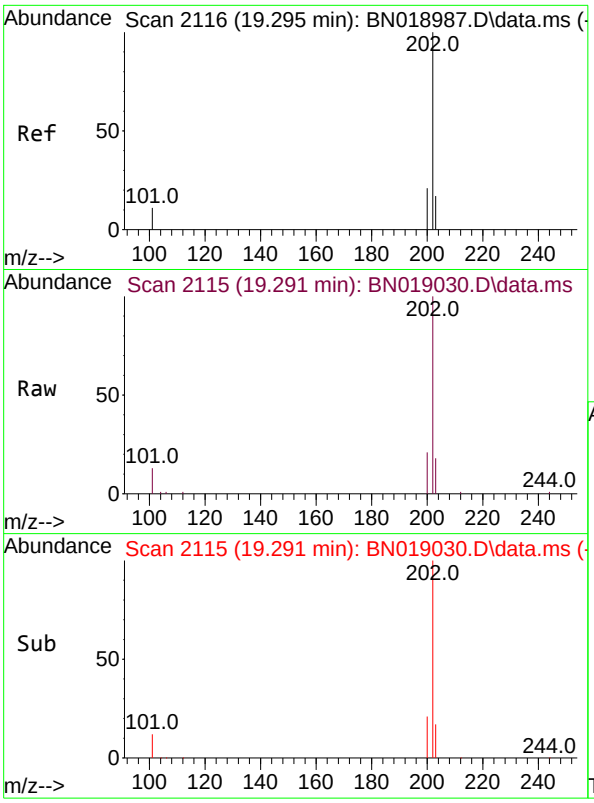


#27
Fluoranthene-d10
Concen: 0.019 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:212 Resp: 886

Ion	Ratio	Lower	Upper
212	100		
106	17.3	12.7	19.1
104	10.5	7.1	10.7



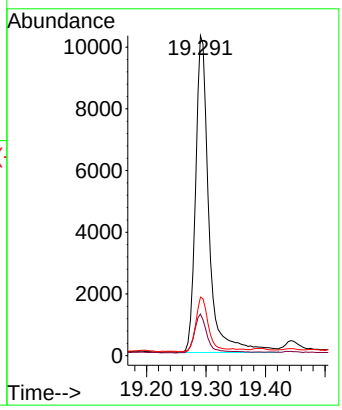


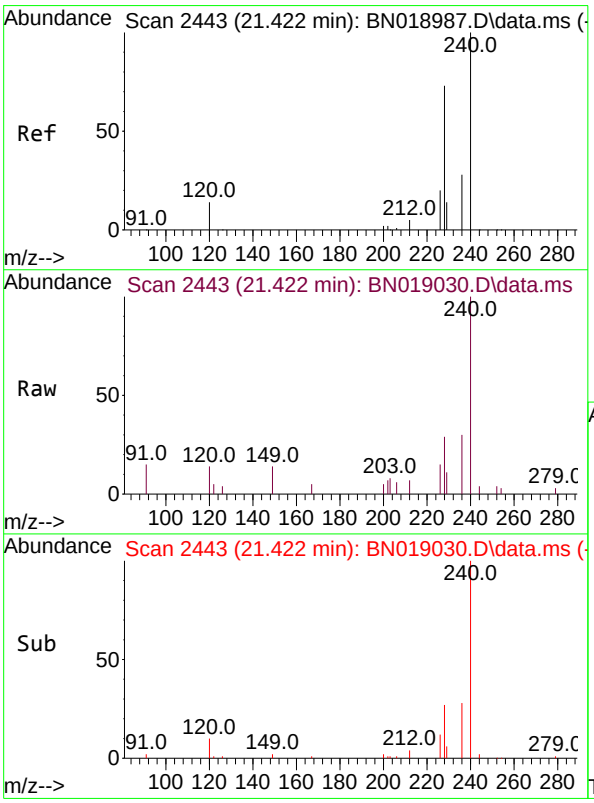
#28
Fluoranthene
Concen: 0.275 ng
RT: 19.291 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:202 Resp: 16098

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.6
203	16.2	13.7	20.5

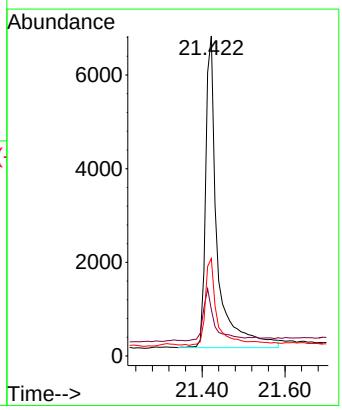


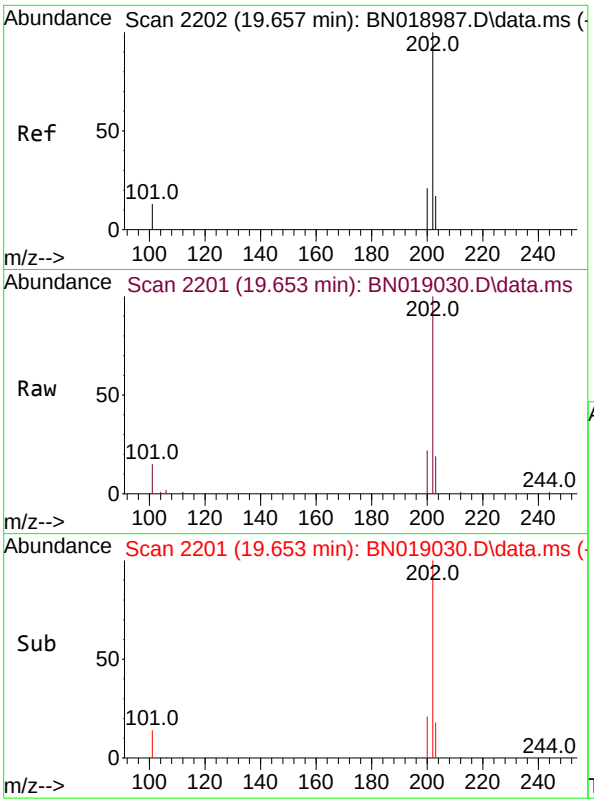


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:240 Resp: 13124

Ion	Ratio	Lower	Upper
240	100		
120	14.5	8.5	12.7#
236	30.4	22.4	33.6



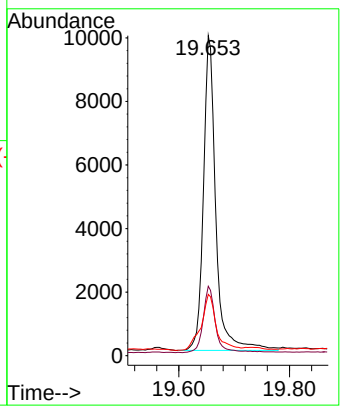


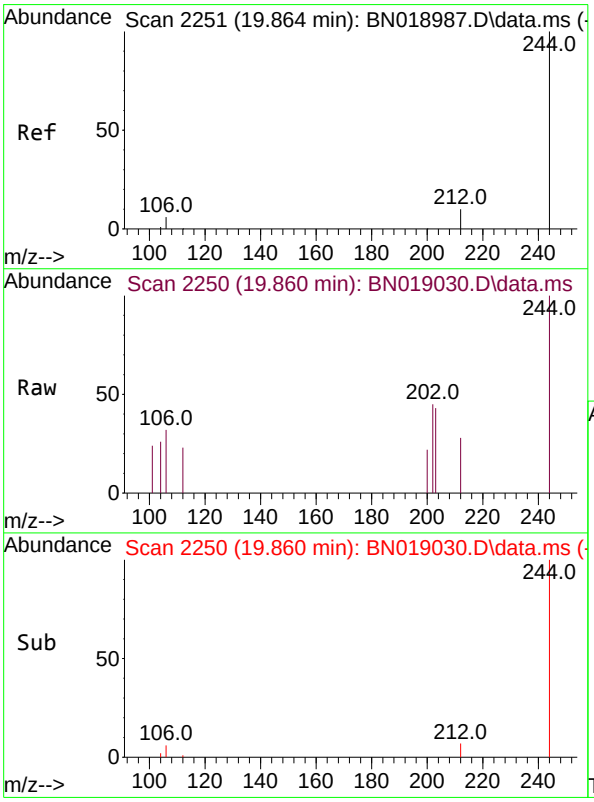
#30
Pyrene
Concen: 0.236 ng
RT: 19.653 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:202 Resp: 15397

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	21.8	14.2	21.2#

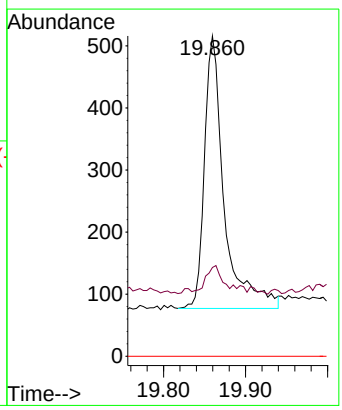


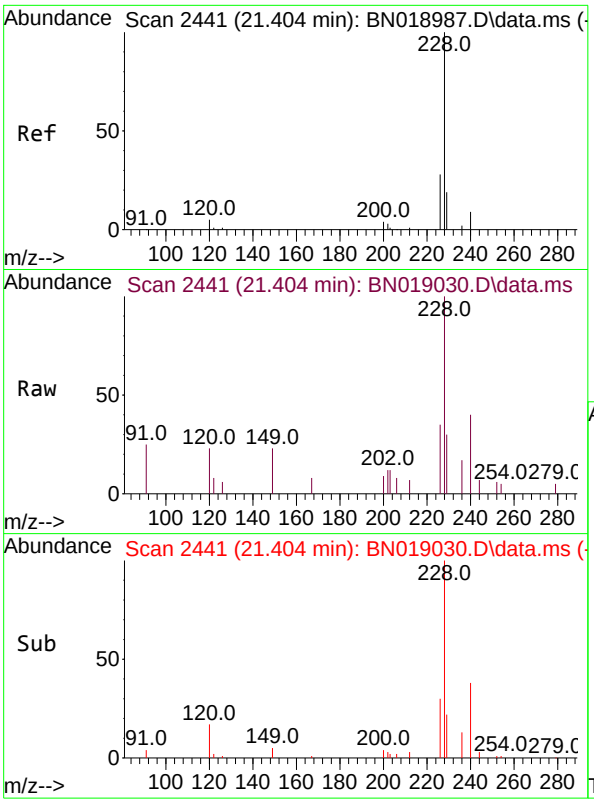


#31
Terphenyl-d14
Concen: 0.023 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:244 Resp: 734

Ion	Ratio	Lower	Upper
244	100		
212	27.7	8.2	12.4#
122	0.0	0.0	0.0



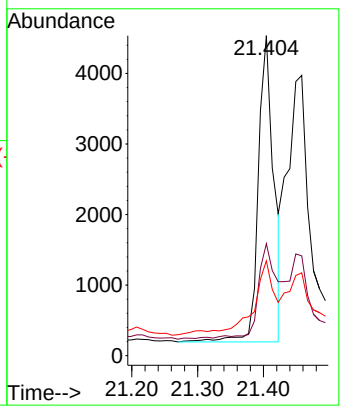


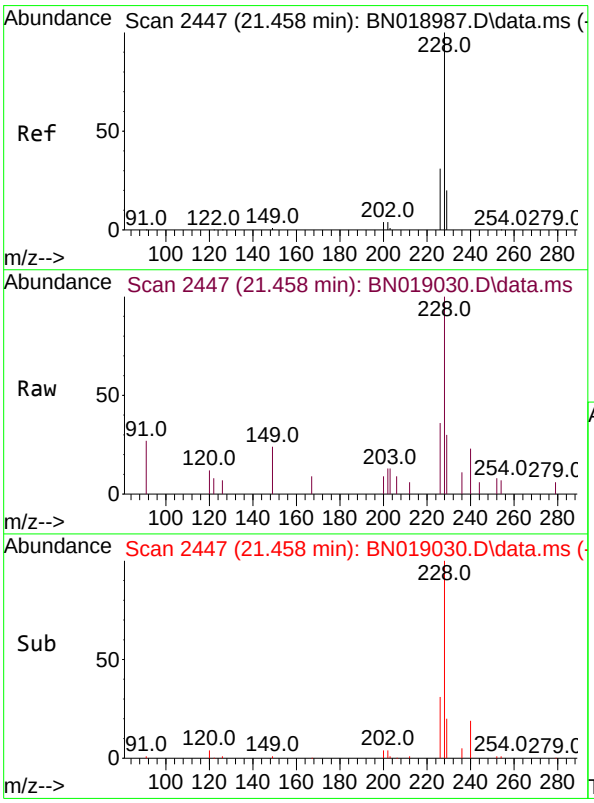
#32
Benzo(a)anthracene
Concen: 0.175 ng
RT: 21.404 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:228 Resp: 7093

Ion	Ratio	Lower	Upper
228	100		
226	35.0	21.9	32.9#
229	29.7	16.0	24.0#

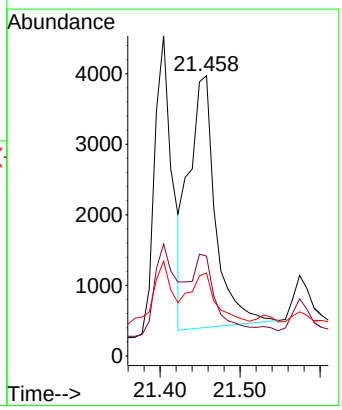


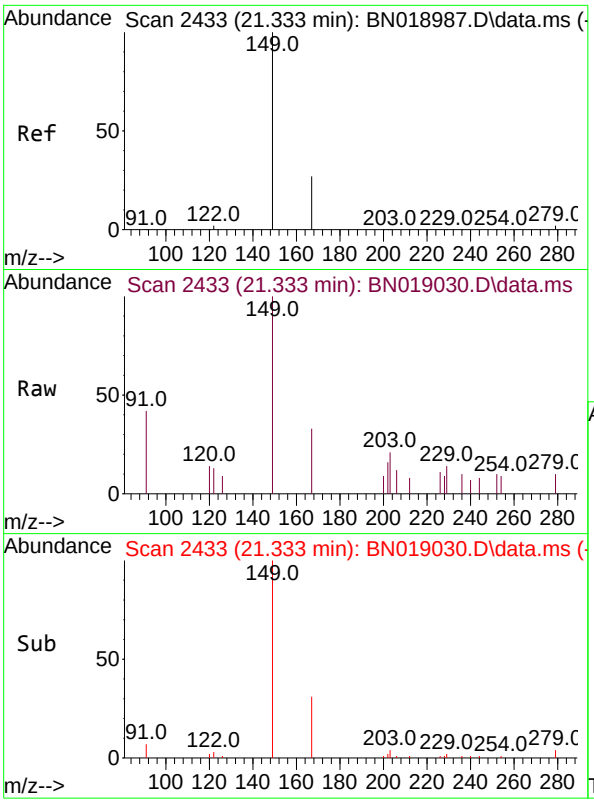


#33
Chrysene
Concen: 0.152 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:228 Resp: 8289

Ion	Ratio	Lower	Upper
228	100		
226	35.6	24.0	36.0
229	29.6	15.9	23.9#



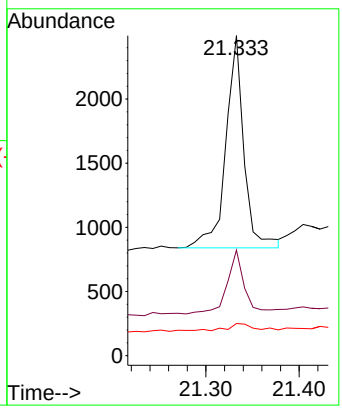


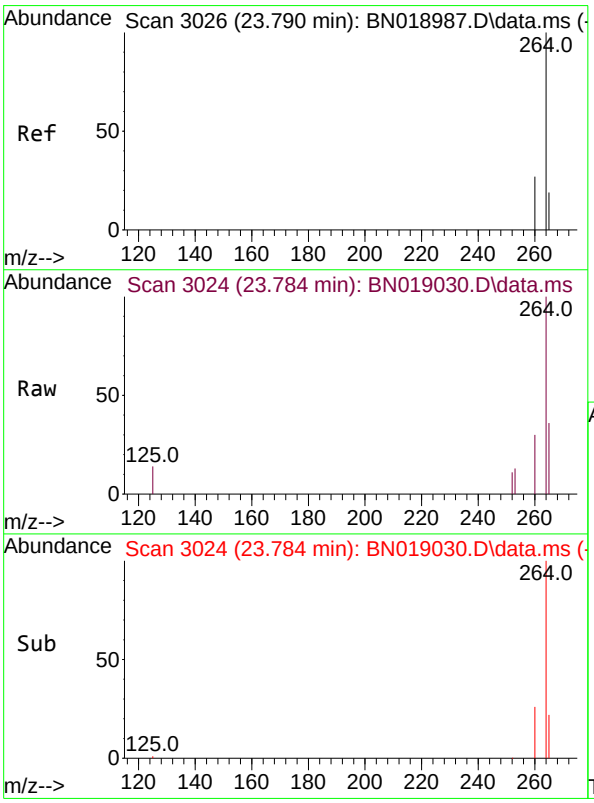
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.083 ng
RT: 21.333 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:149 Resp: 2234

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.8
279	5.9	2.0	3.0#

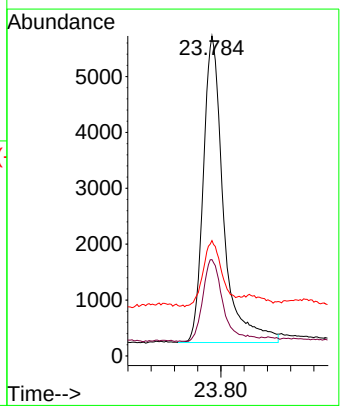


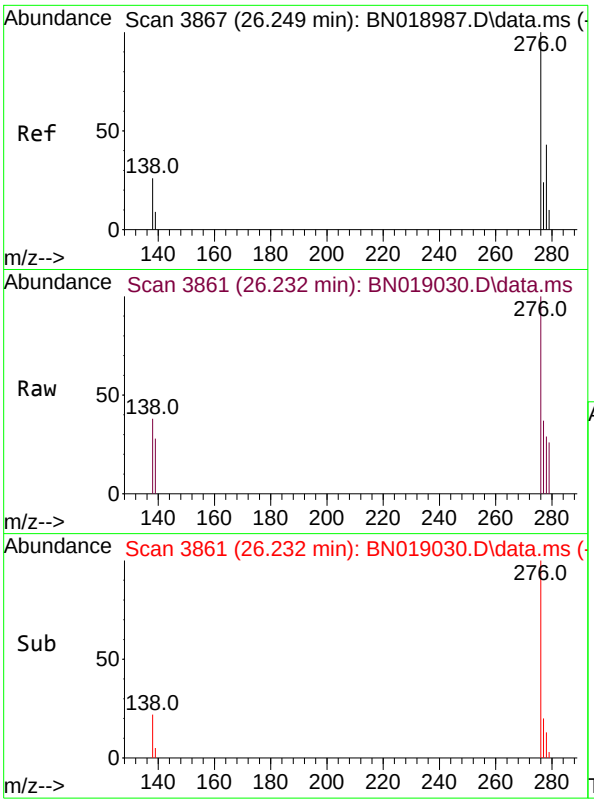


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.784 min Scan# 3024
Delta R.T. -0.006 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:264 Resp: 13220

Ion	Ratio	Lower	Upper
264	100		
260	30.1	22.4	33.6
265	36.0	25.3	37.9



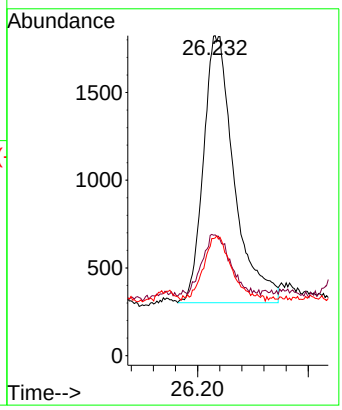


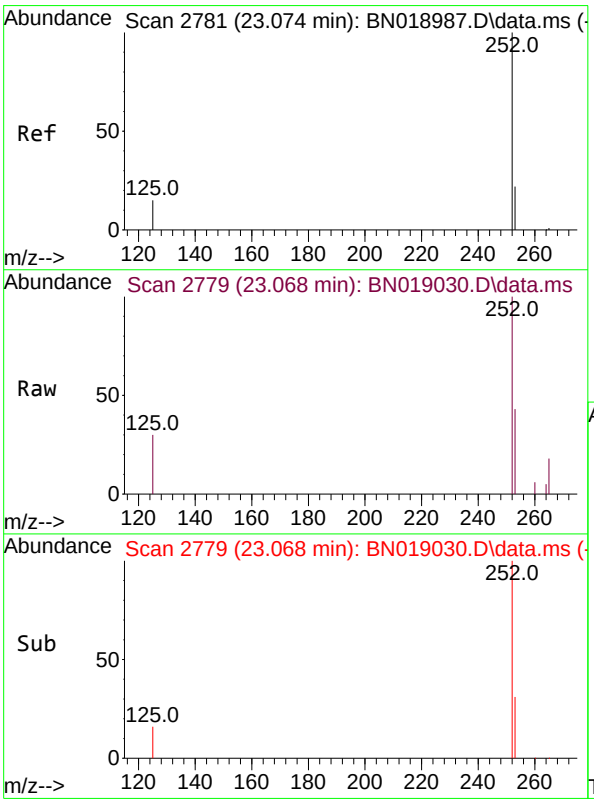
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng
RT: 26.232 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:276 Resp: 5862

Ion	Ratio	Lower	Upper
276	100		
138	20.1	24.5	36.7#
277	22.6	19.8	29.8

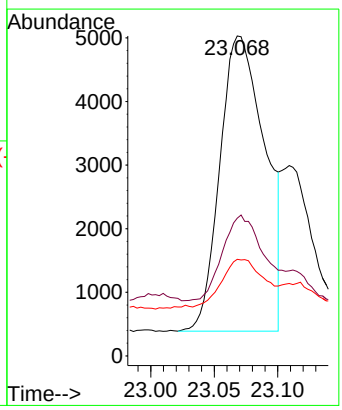


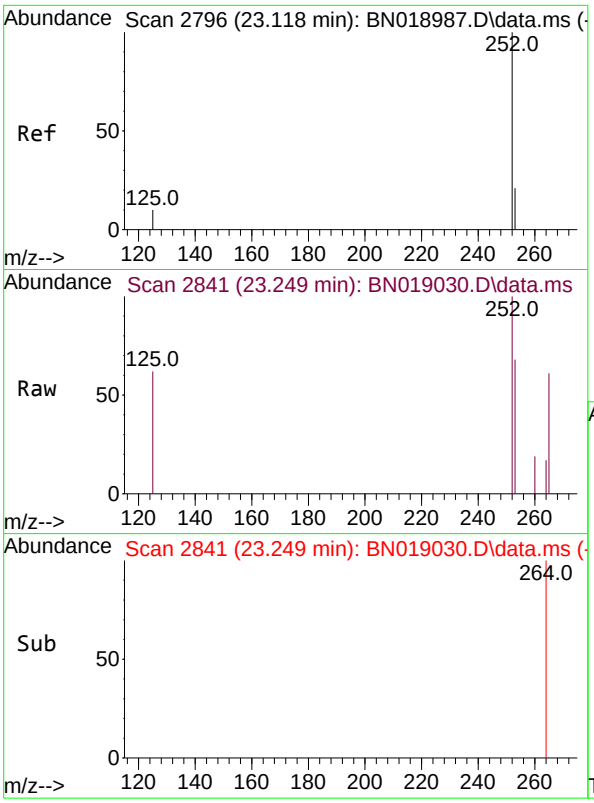


#37
Benzo(b)fluoranthene
Concen: 0.237 ng
RT: 23.068 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:252 Resp: 11440

Ion	Ratio	Lower	Upper
252	100		
253	43.1	18.9	28.3#
125	30.2	12.1	18.1#



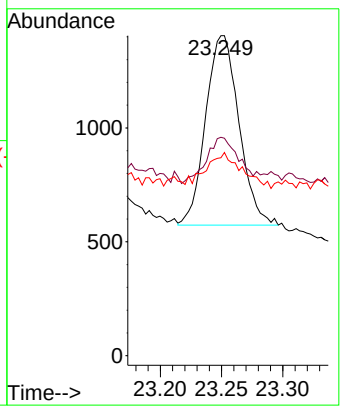


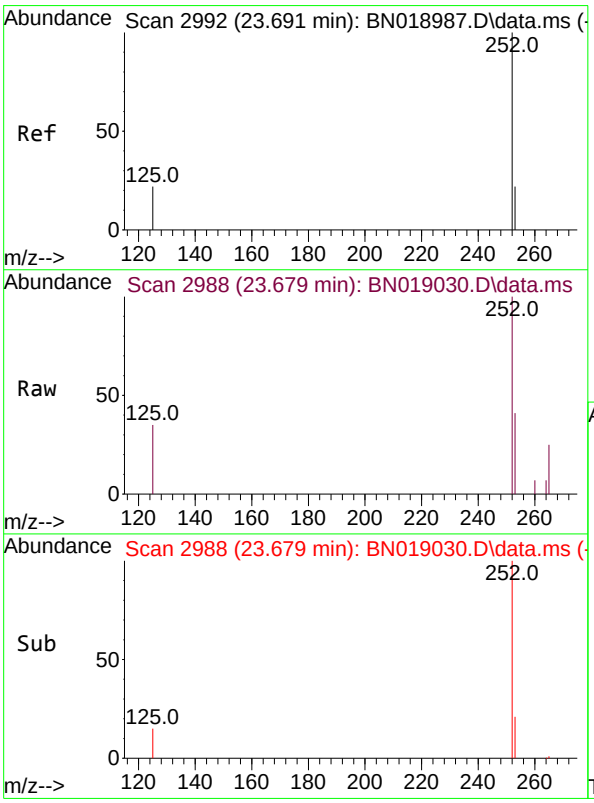
#38
Benzo(k)fluoranthene
Concen: 0.024 ng
RT: 23.249 min Scan# 2
Delta R.T. 0.131 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:252 Resp: 1579

Ion	Ratio	Lower	Upper
252	100		
253	68.3	18.9	28.3#
125	61.9	10.3	15.5#

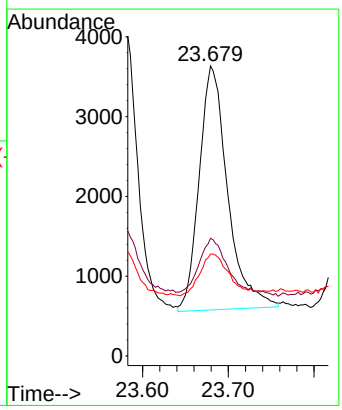


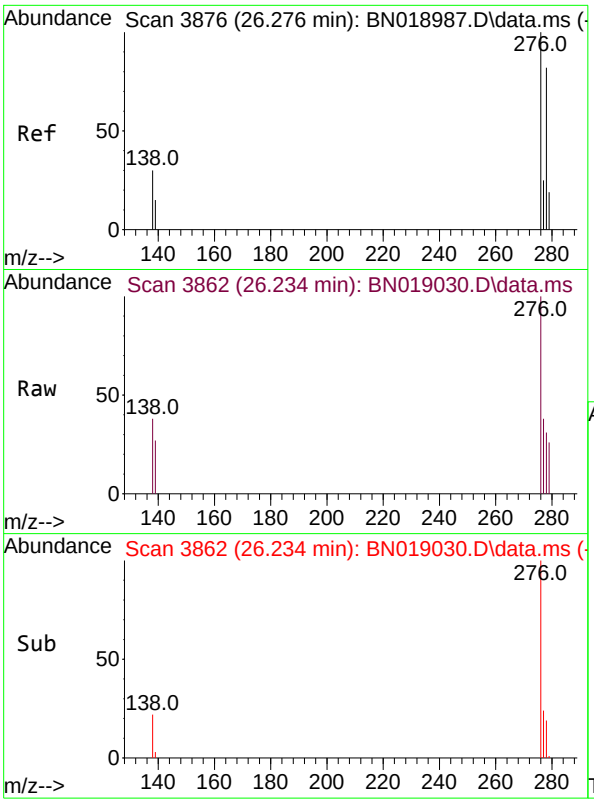


#39
Benzo(a)pyrene
Concen: 0.160 ng
RT: 23.679 min Scan# 2988
Delta R.T. -0.012 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:252 Resp: 7031

Ion	Ratio	Lower	Upper
252	100		
253	40.6	20.1	30.1#
125	35.1	15.2	22.8#



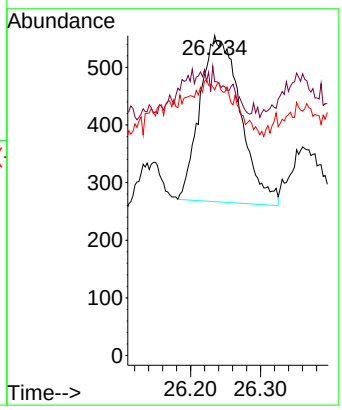


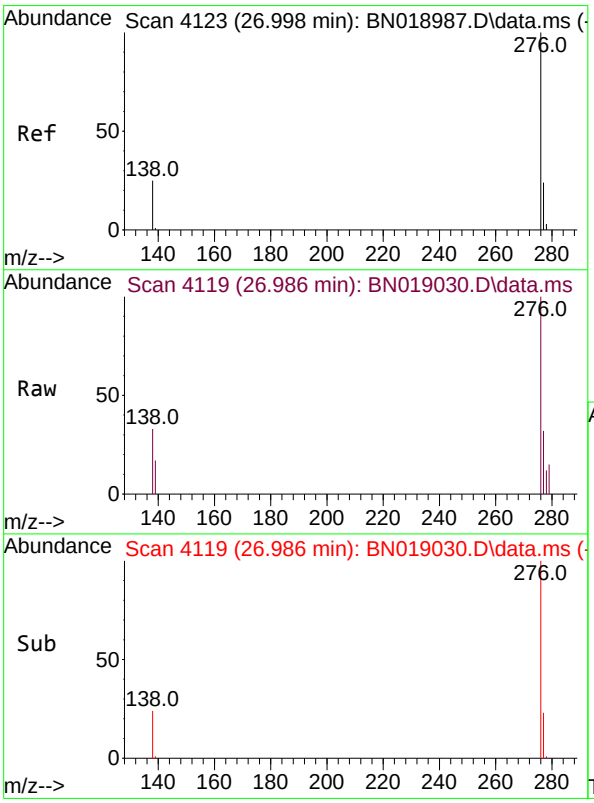
#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 26.234 min Scan# 3
Delta R.T. -0.041 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Instrument :
BNA_N
ClientSampleId :
SP2

Tgt Ion:278 Resp: 1161

Ion	Ratio	Lower	Upper
278	100		
139	85.6	17.2	25.8#
279	83.1	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.181 ng
RT: 26.986 min Scan# 4119
Delta R.T. -0.012 min
Lab File: BN019030.D
Acq: 21 Mar 2022 19:43

Tgt Ion:276 Resp: 8459

Ion	Ratio	Lower	Upper
276	100		
277	32.3	19.4	29.0#
138	33.5	21.0	31.6#