Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019320.D
Acq On : 04 Apr 2022 15:36
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 04 16:14:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 15:25:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4186	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	12092	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	7933	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	17164	0.400	ng		0.00
29) Chrysene-d12	21.395	240	15365	0.400	ng	#	0.00
35) Perylene-d12	23.749	264	13475	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	17159	1.875	ng		0.00
5) Phenol-d6	6.988	99	21095	2.171	ng		0.00
8) Nitrobenzene-d5	8.982	82	16693	1.922	ng		0.00
11) 2-Methylnaphthalene-d10	12.219	152	33673	1.754	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	7403	1.994	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	52413	1.646	ng		0.00
27) Fluoranthene-d10	19.240	212	88442	1.715	ng		0.00
31) Terphenyl-d14	19.834	244	50988	1.492	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	8063	1.449	ng		98
3) n-Nitrosodimethylamine	3.536	42	10269	1.768	ng	#	99
6) bis(2-Chloroethyl)ether	7.241	93	21698	1.872	ng		97
9) Naphthalene	10.680	128	56250	1.605	ng		99
10) Hexachlorobutadiene	10.979	225	12198	1.491	ng	#	100
12) 2-Methylnaphthalene	12.295	142	39482	1.746	ng		99
16) Acenaphthylene	14.185	152	64580	1.768	ng		99
17) Acenaphthene	14.527	154	42653	1.640	ng		98
18) Fluorene	15.511	166	55232	1.698	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	5301	2.498	ng		93
21) 4-Bromophenyl-phenylether	16.395	248	18582	1.687	ng	#	77
22) Hexachlorobenzene	16.528	284	21590	1.506	ng		99
23) Atrazine	16.661	200	14424	1.910	ng		99
24) Pentachlorophenol	16.867	266	7842	1.900	ng		99
25) Phenanthrene	17.246	178	91245	1.689	ng		100
26) Anthracene	17.338	178	80928	1.811	ng		100
28) Fluoranthene	19.270	202	110487	1.714	ng		99
30) Pyrene	19.632	202	112120	1.477	ng		100
32) Benzo(a)anthracene	21.378	228	90995	1.890	ng		99
33) Chrysene	21.431	228	100382	1.631	ng		99
34) Bis(2-ethylhexyl)phtha...	21.306	149	60173	1.870	ng		100
36) Indeno(1,2,3-cd)pyrene	26.173	276	90360	1.641	ng		98
37) Benzo(b)fluoranthene	23.033	252	87436	1.747	ng		96
38) Benzo(k)fluoranthene	23.080	252	90117	1.669	ng		97
39) Benzo(a)pyrene	23.644	252	77054	1.694	ng	#	94
40) Dibenzo(a,h)anthracene	26.188	278	70047	1.742	ng		98
41) Benzo(g,h,i)perylene	26.913	276	85577	1.523	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019320.D
Acq On : 04 Apr 2022 15:36
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Time: Apr 04 16:14:57 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 15:25:41 2022
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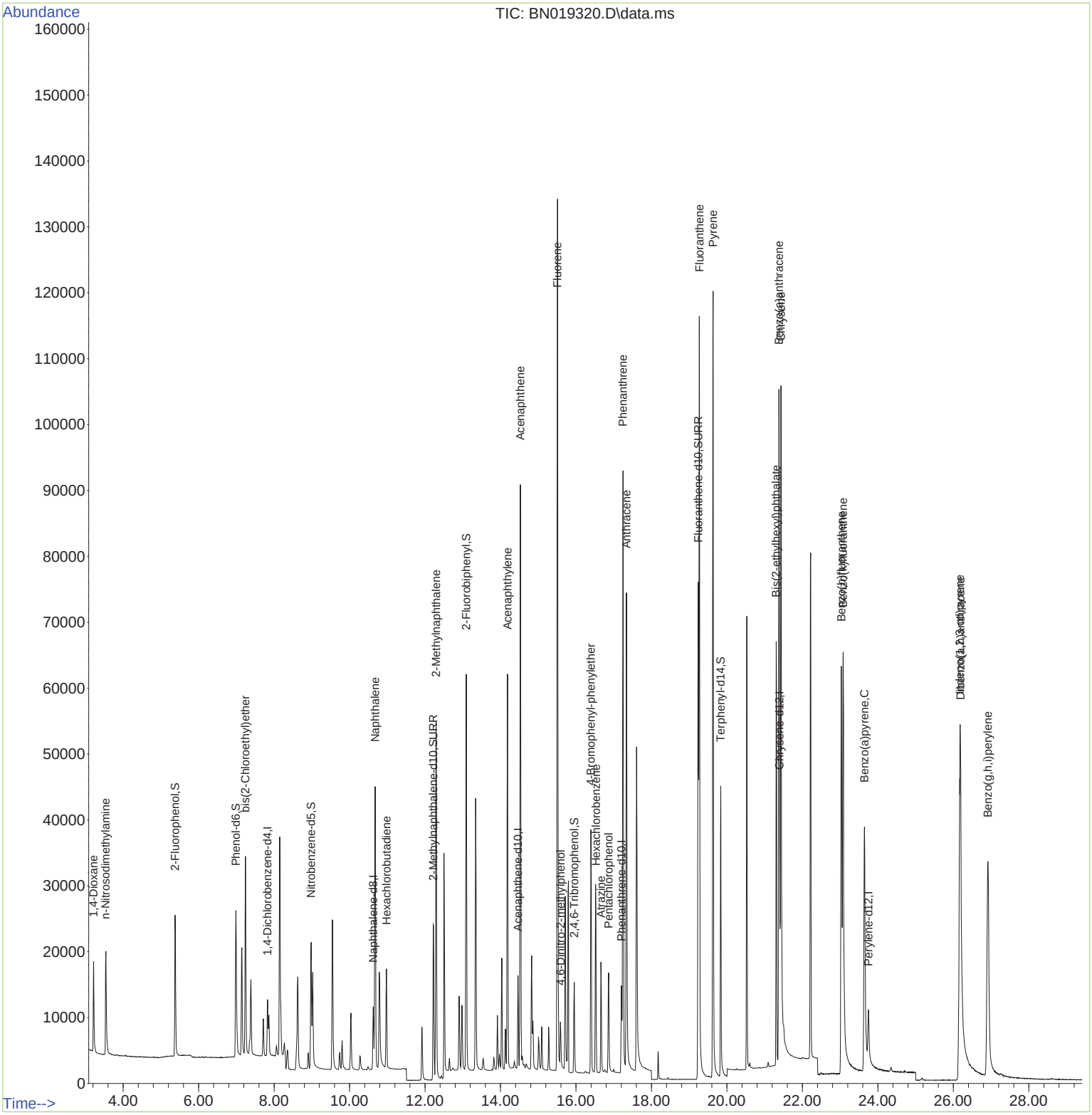
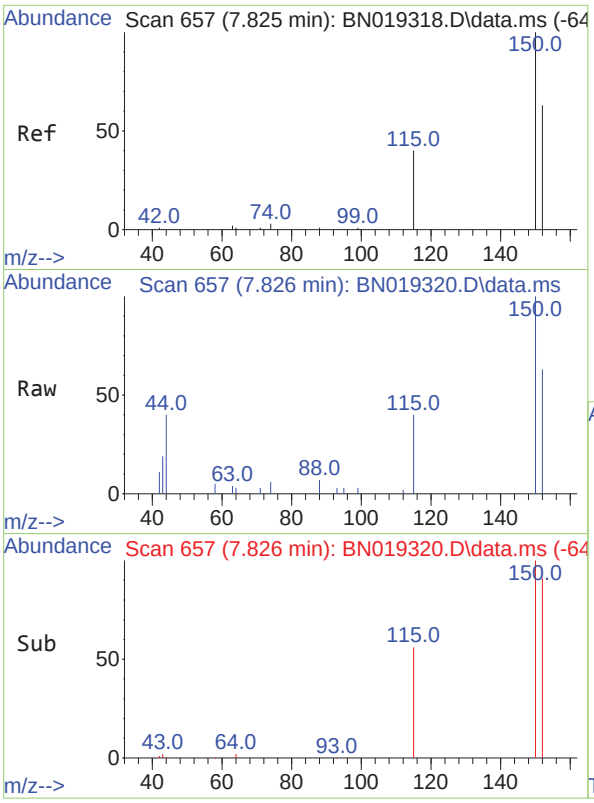


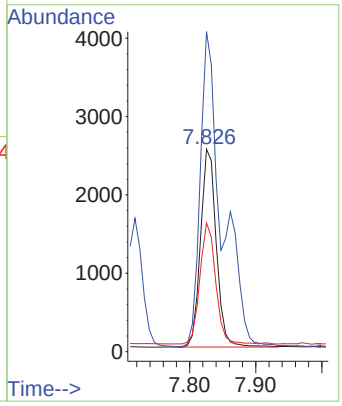


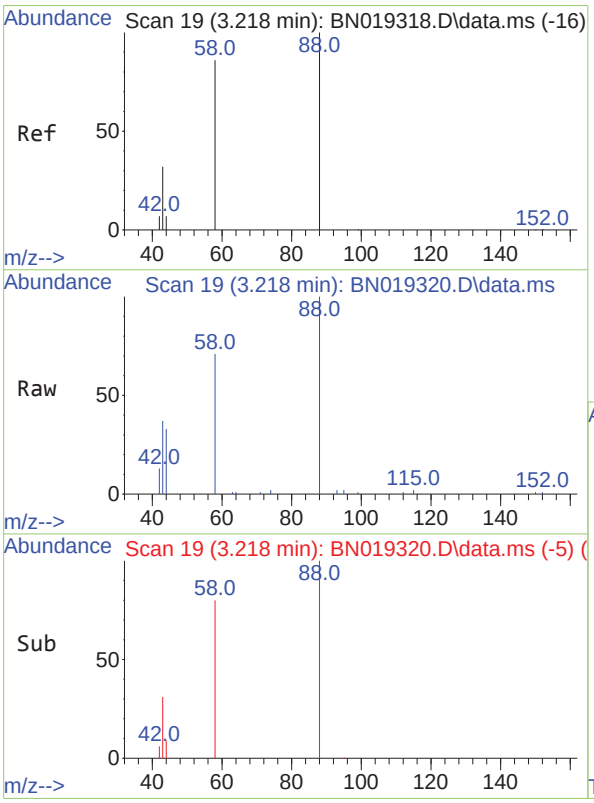
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 4186

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.9	185.9
115	63.6	48.2	72.4

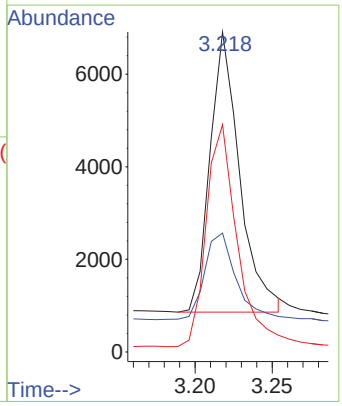


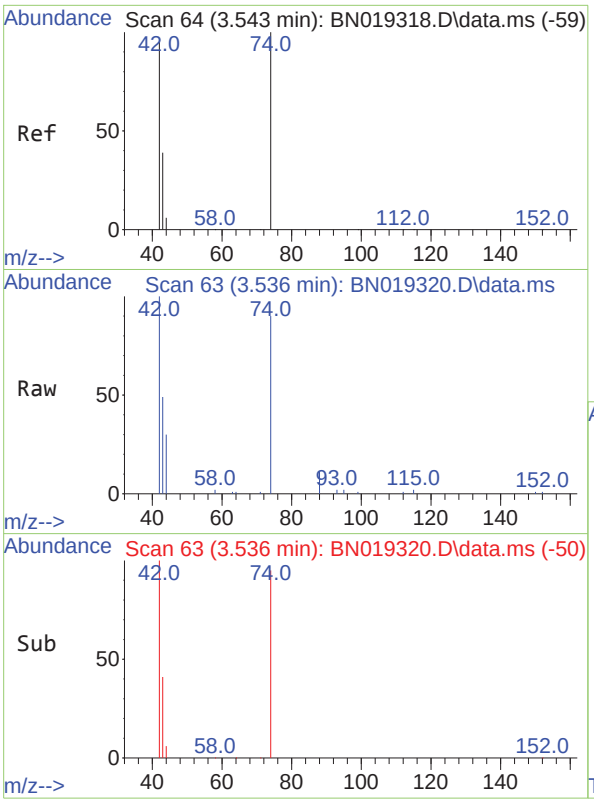


#2
1,4-Dioxane
Concen: 1.449 ng
RT: 3.218 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion: 88 Resp: 8063

Ion	Ratio	Lower	Upper
88	100		
43	32.8	24.6	37.0
58	82.8	65.4	98.2



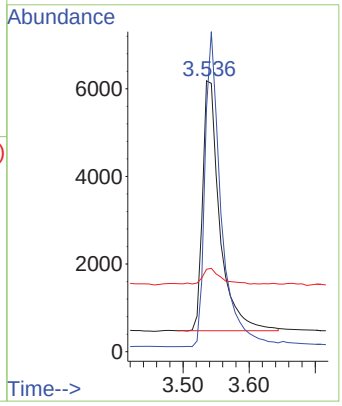


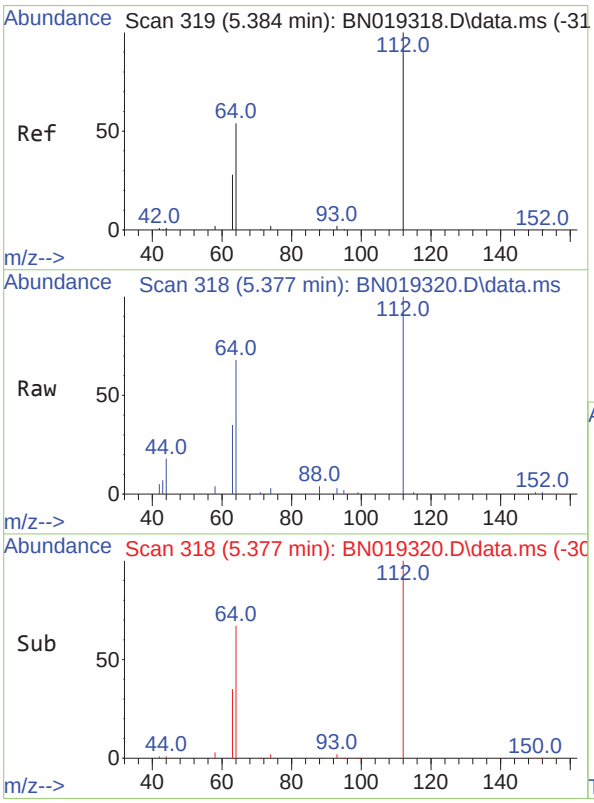
#3
n-Nitrosodimethylamine
Concen: 1.768 ng
RT: 3.536 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 10269

Ion	Ratio	Lower	Upper
42	100		
74	120.1	96.9	145.3
44	7.0	7.3	10.9#

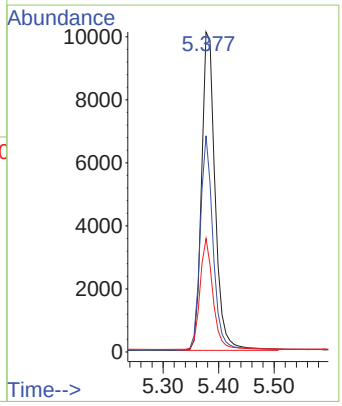


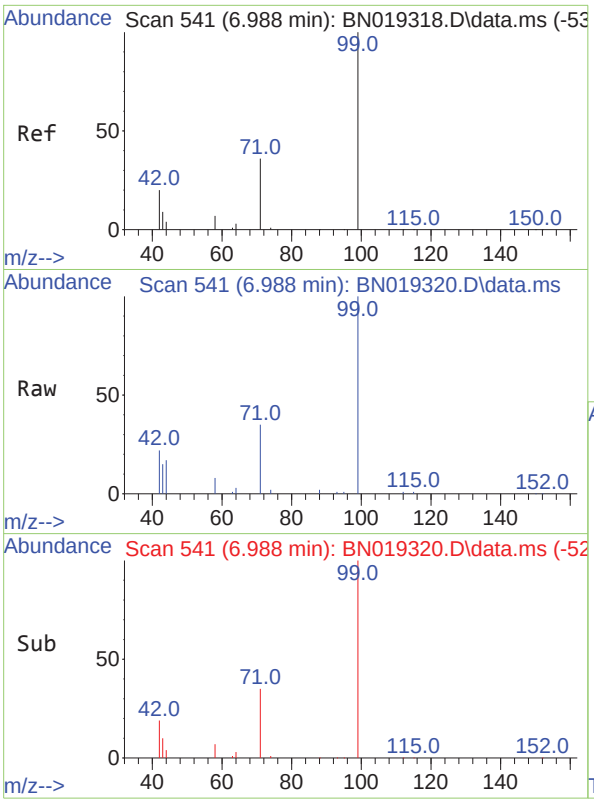


#4
2-Fluorophenol
Concen: 1.875 ng
RT: 5.377 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:112 Resp: 17159

Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.8	71.8
63	33.2	25.7	38.5



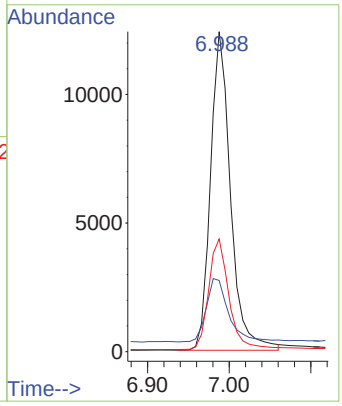


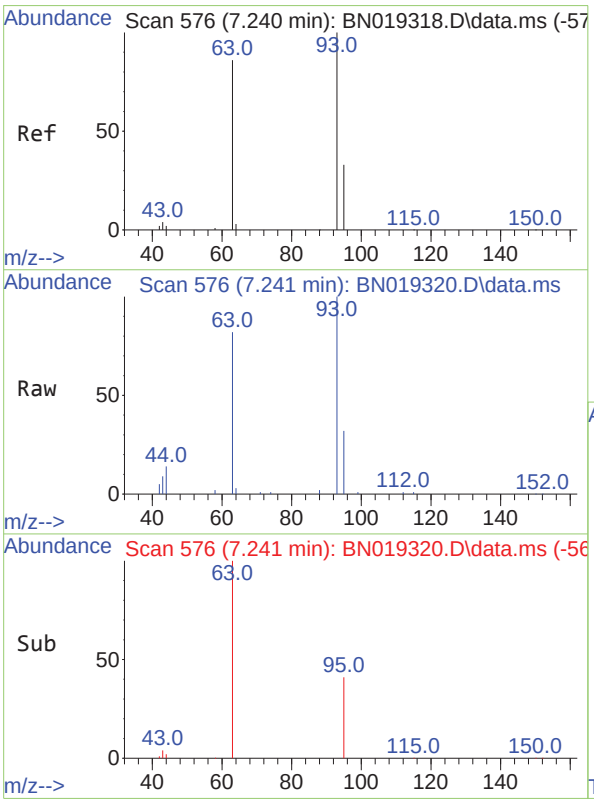
#5
Phenol-d6
Concen: 2.171 ng
RT: 6.988 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 21095

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.2	24.4
71	35.3	27.7	41.5

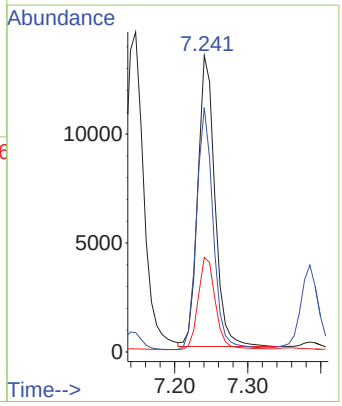


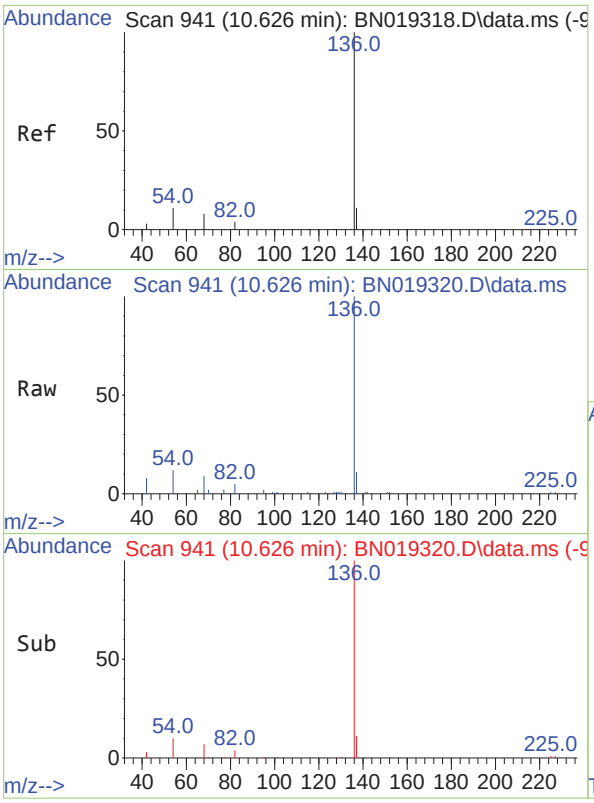


#6
bis(2-Chloroethyl)ether
Concen: 1.872 ng
RT: 7.241 min Scan# 576
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion: 93 Resp: 21698

Ion	Ratio	Lower	Upper
93	100		
63	81.5	62.8	94.2
95	32.5	26.2	39.4



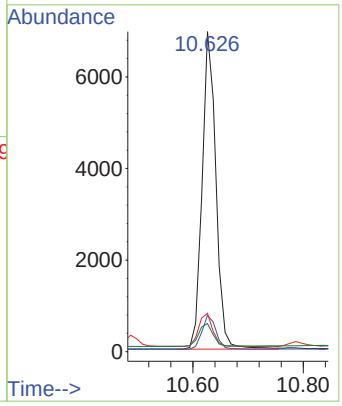


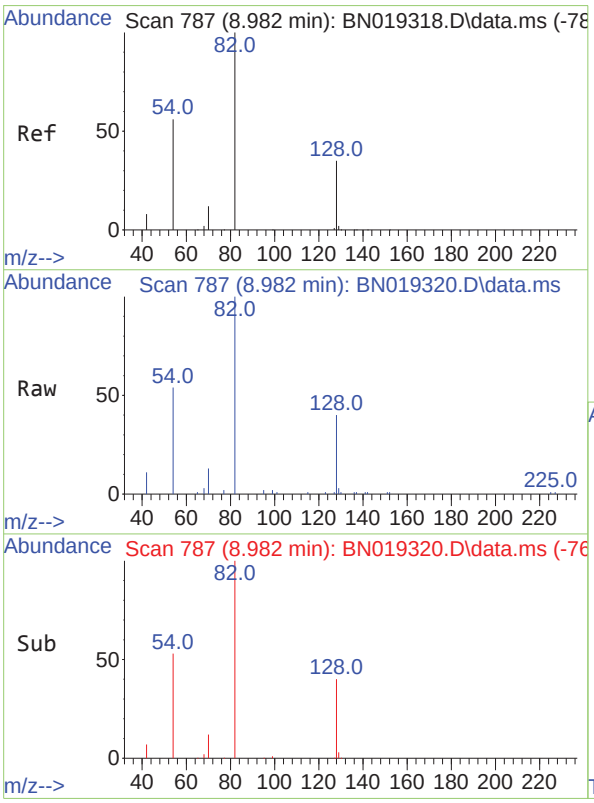
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 12092

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	12.0	5.8	8.6#
68	8.8	4.6	7.0#

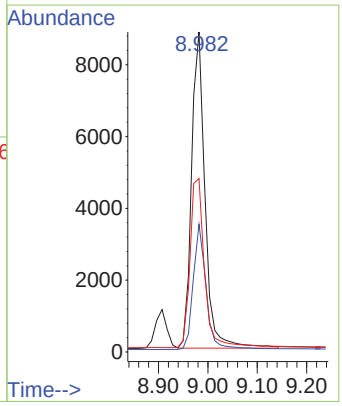


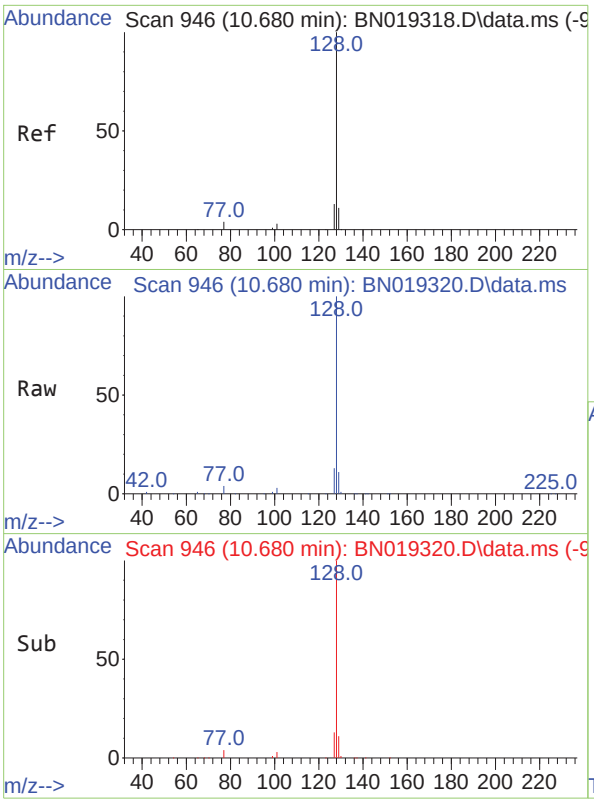


#8
Nitrobenzene-d5
Concen: 1.922 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion: 82 Resp: 16693

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.0	49.6
54	54.2	42.5	63.7



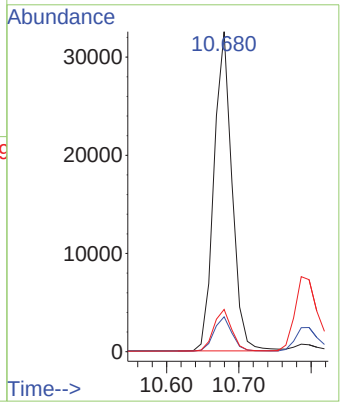


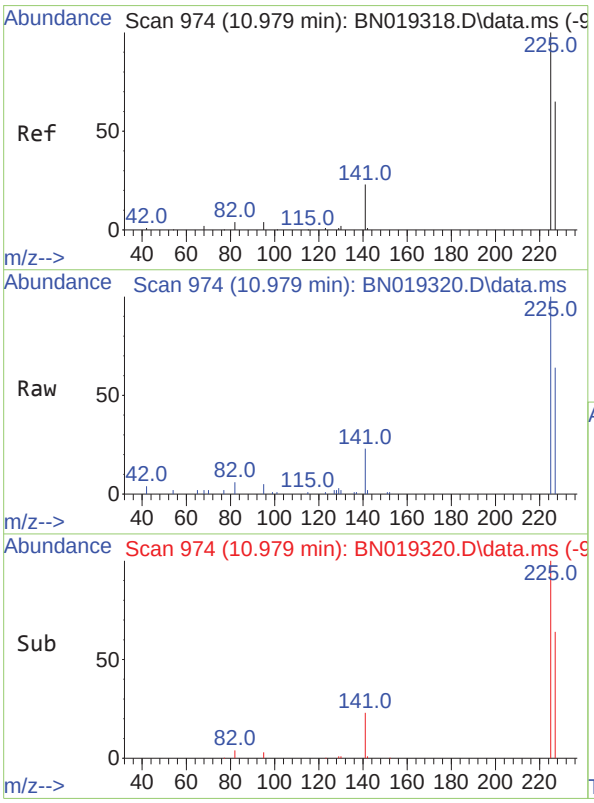
#9
Naphthalene
Concen: 1.605 ng
RT: 10.680 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 56250

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.2	10.7	16.1

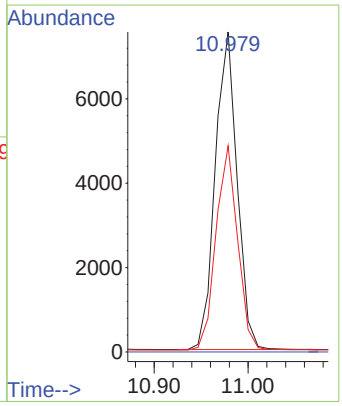


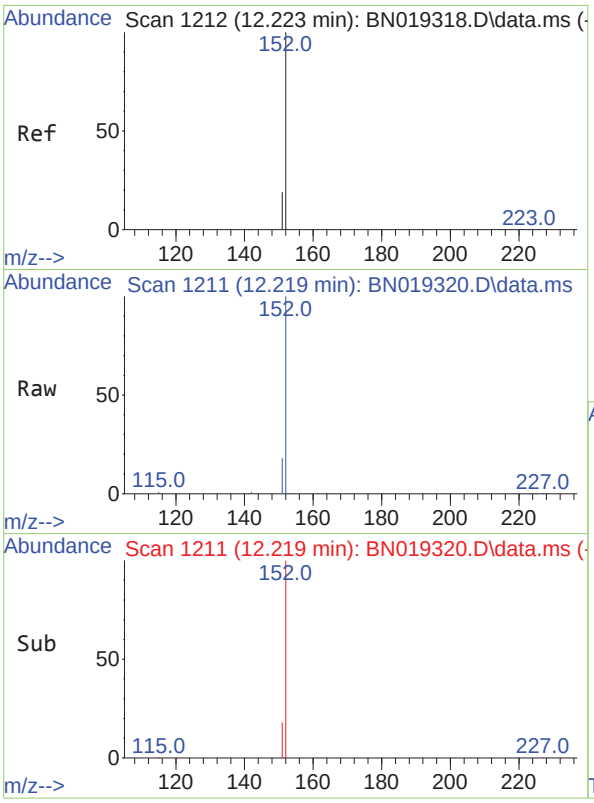


#10
Hexachlorobutadiene
Concen: 1.491 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:225 Resp: 12198

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.0	76.6



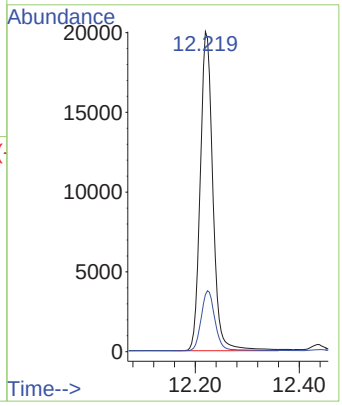


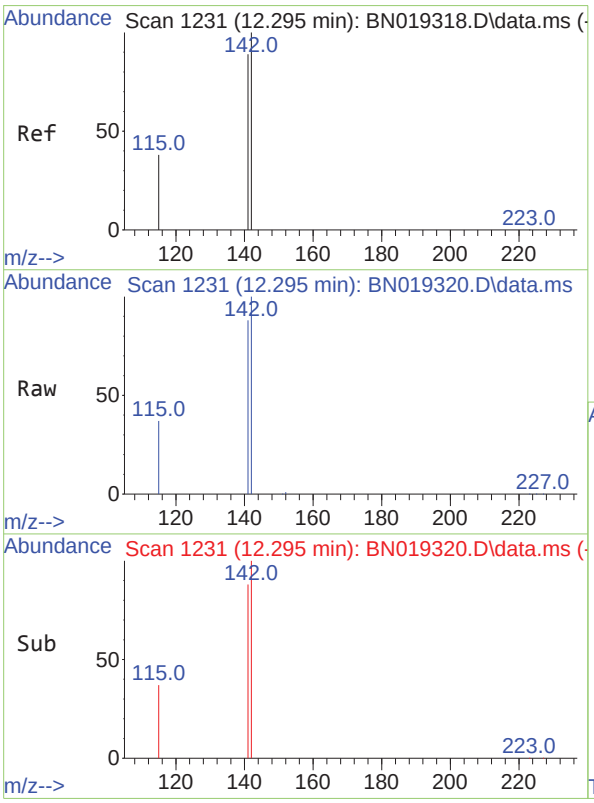
#11
2-Methylnaphthalene-d10
Concen: 1.754 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 33673

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

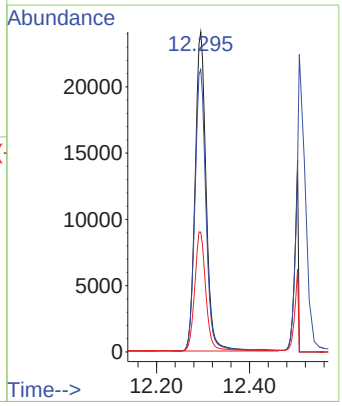


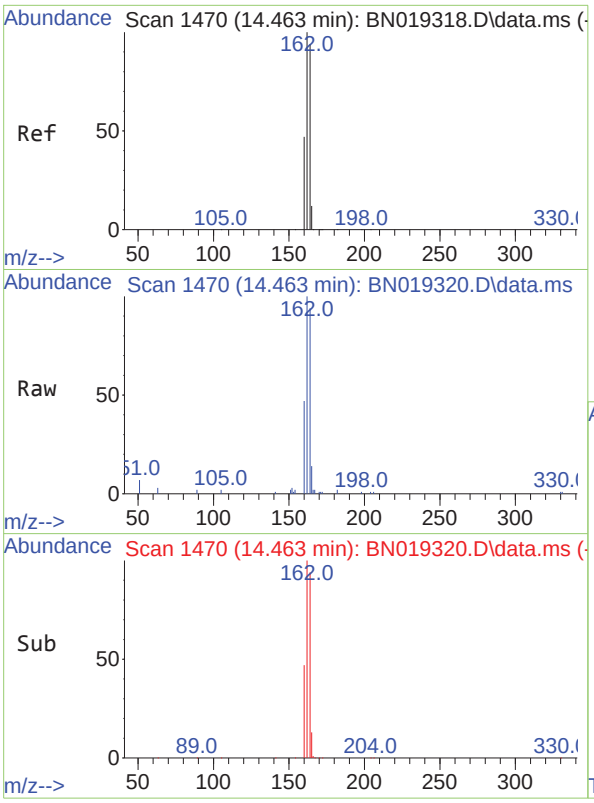


#12
2-Methylnaphthalene
Concen: 1.746 ng
RT: 12.295 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:142 Resp: 39482

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	37.4	29.8	44.8



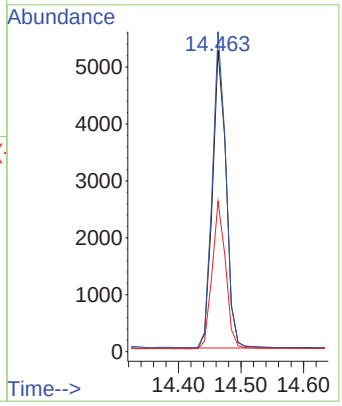


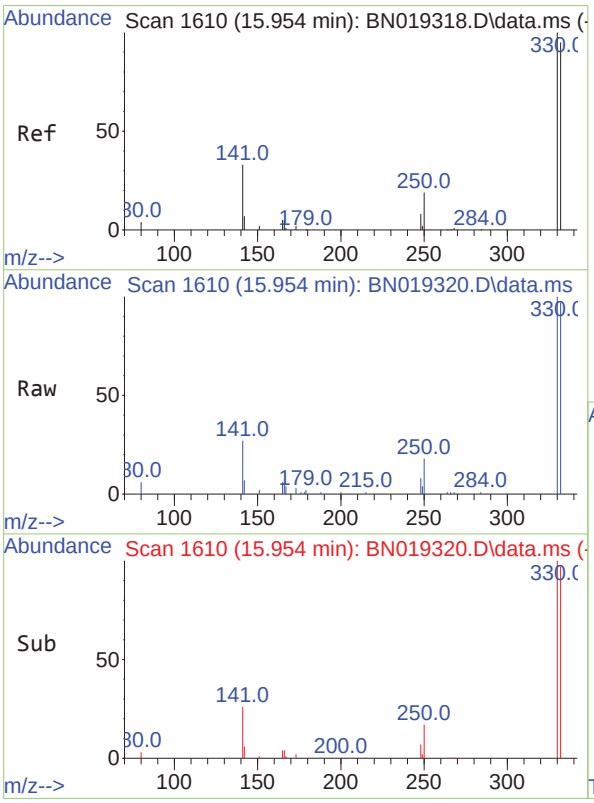
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 7933

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.2	127.8
160	49.9	41.5	62.3

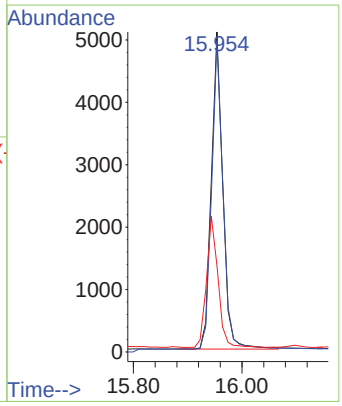


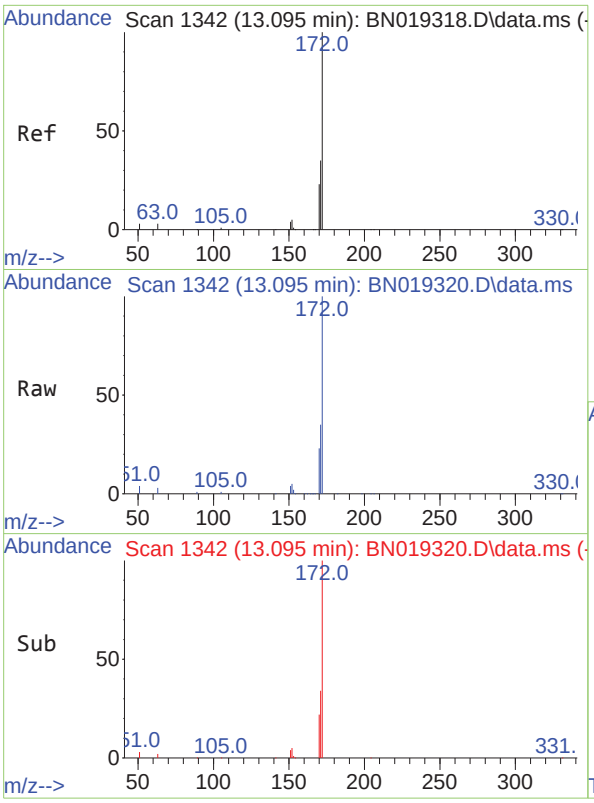


#14
2,4,6-Tribromophenol
Concen: 1.994 ng
RT: 15.954 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:330 Resp: 7403

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	41.5	32.2	48.2



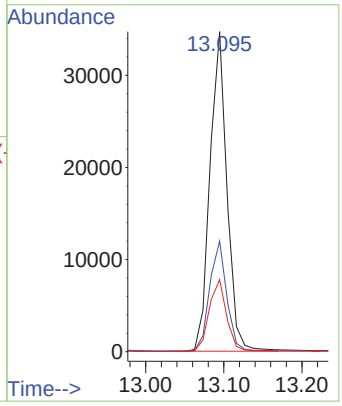


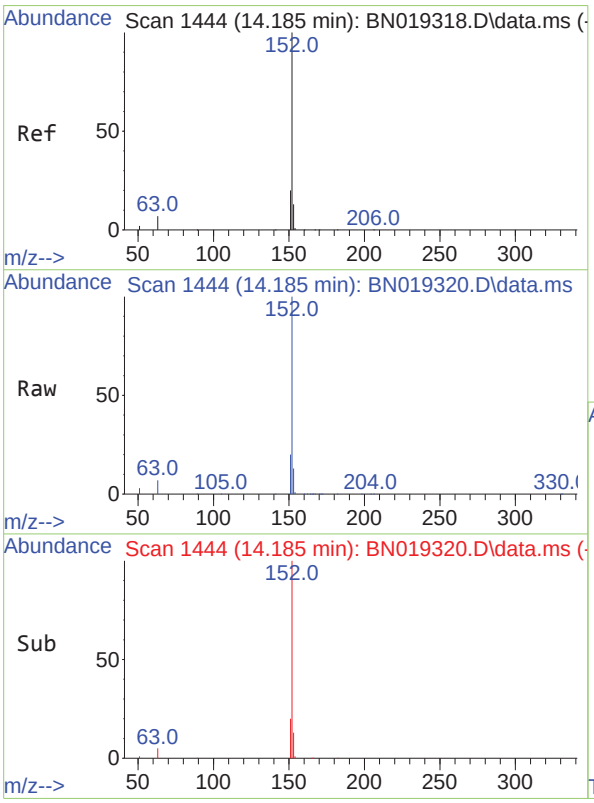
#15
2-Fluorobiphenyl
Concen: 1.646 ng
RT: 13.095 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 52413

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	22.5	18.7	28.1

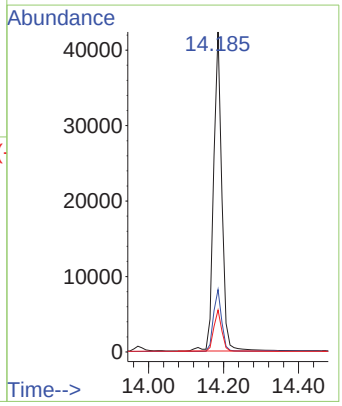


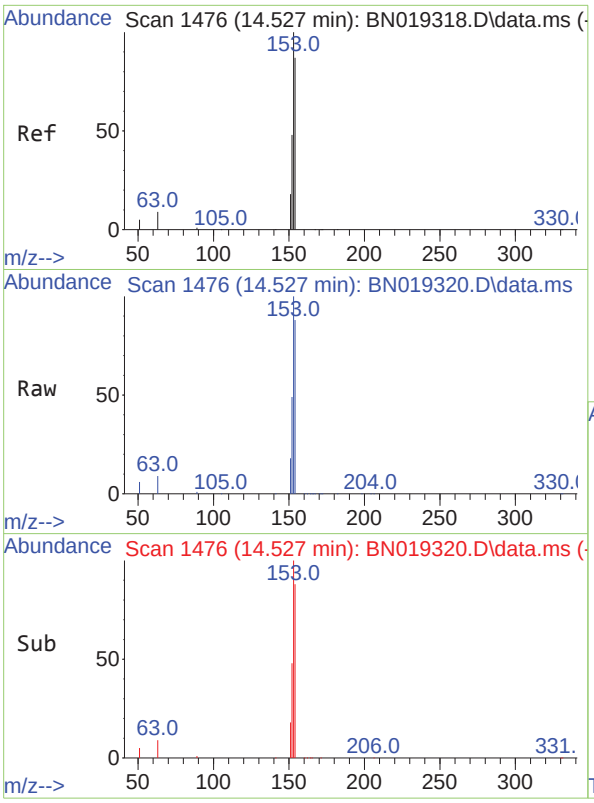


#16
Acenaphthylene
Concen: 1.768 ng
RT: 14.185 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:152 Resp: 64580

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.9	10.6	15.8



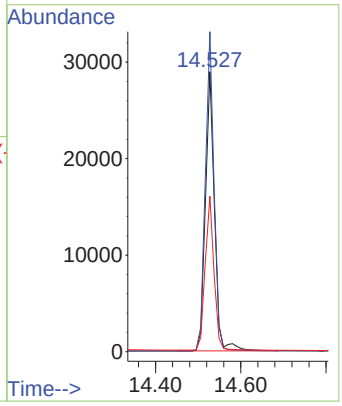


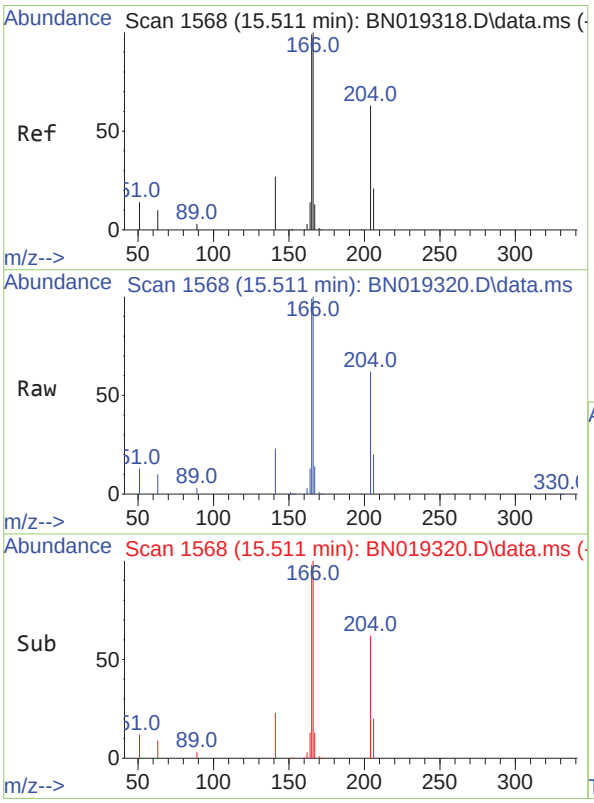
#17
Acenaphthene
Concen: 1.640 ng
RT: 14.527 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 42653

Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.7	134.5
152	53.5	44.7	67.1

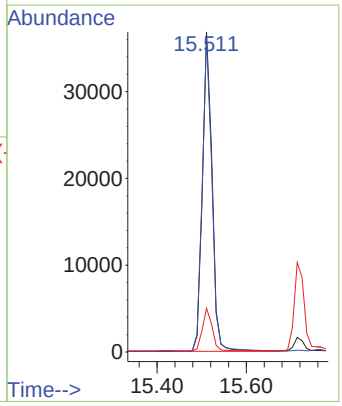


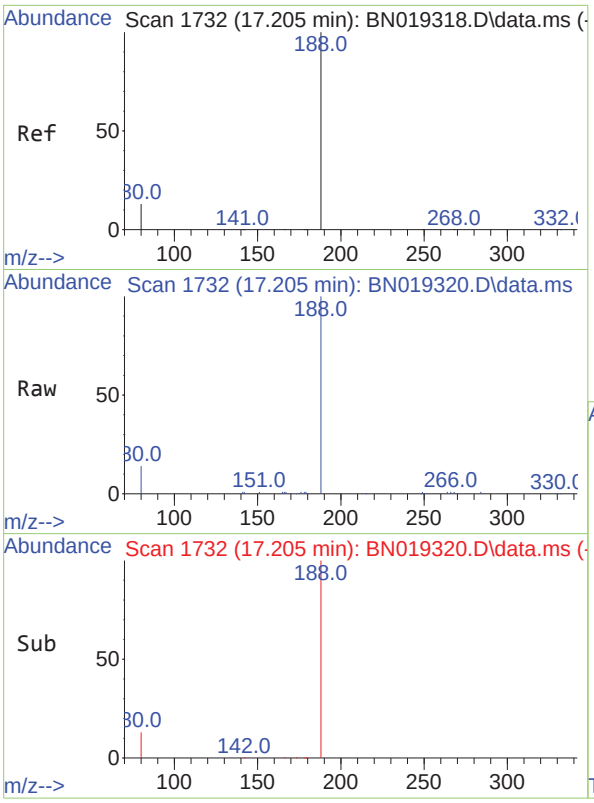


#18
Fluorene
Concen: 1.698 ng
RT: 15.511 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:166 Resp: 55232

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.2	118.8
167	13.6	10.7	16.1



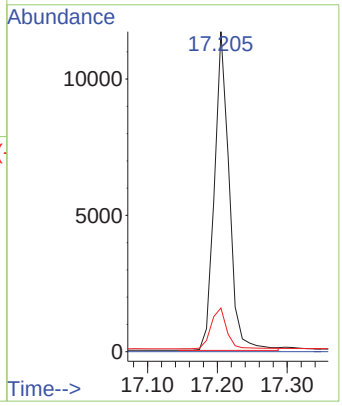


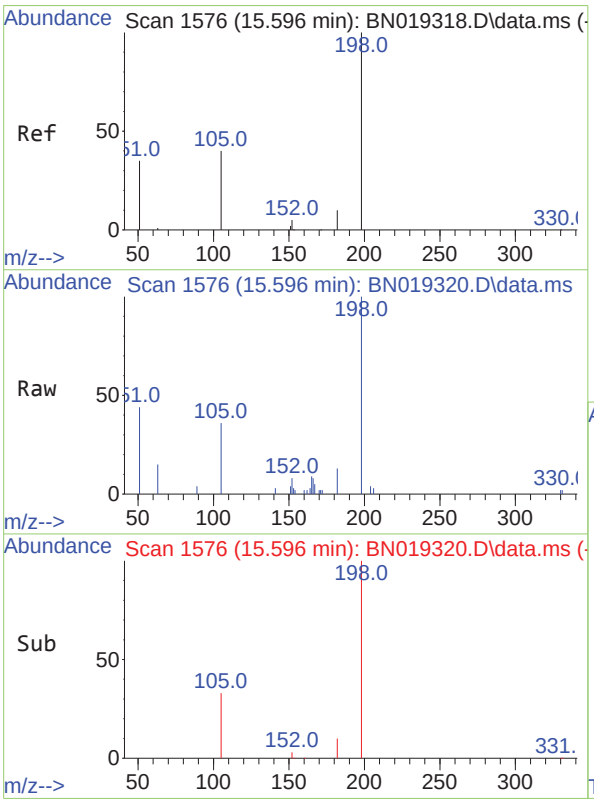
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 17164

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	11.8	17.8

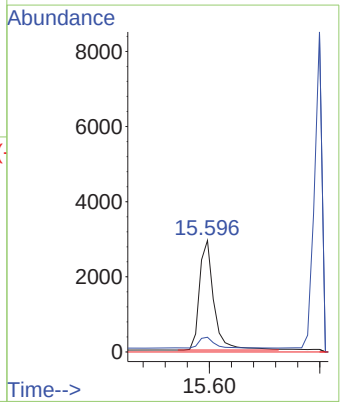


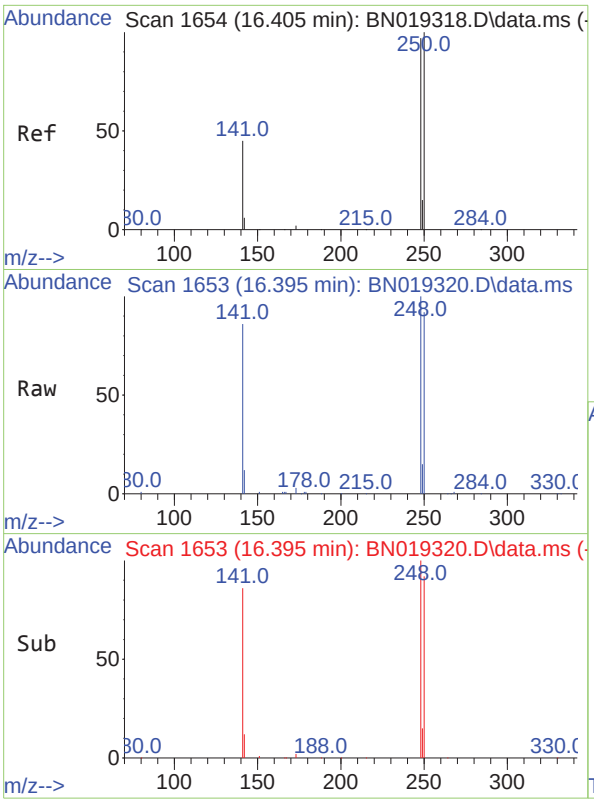


#20
4,6-Dinitro-2-methylphenol
Concen: 2.498 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:198 Resp: 5301

Ion	Ratio	Lower	Upper
198	100		
182	13.2	13.0	19.4
77	0.0	0.0	0.0



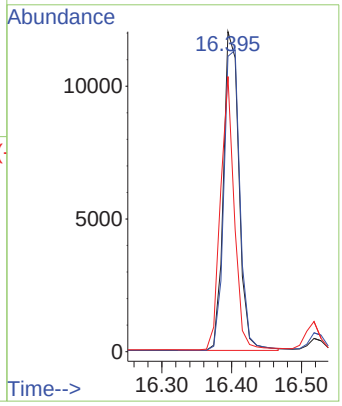


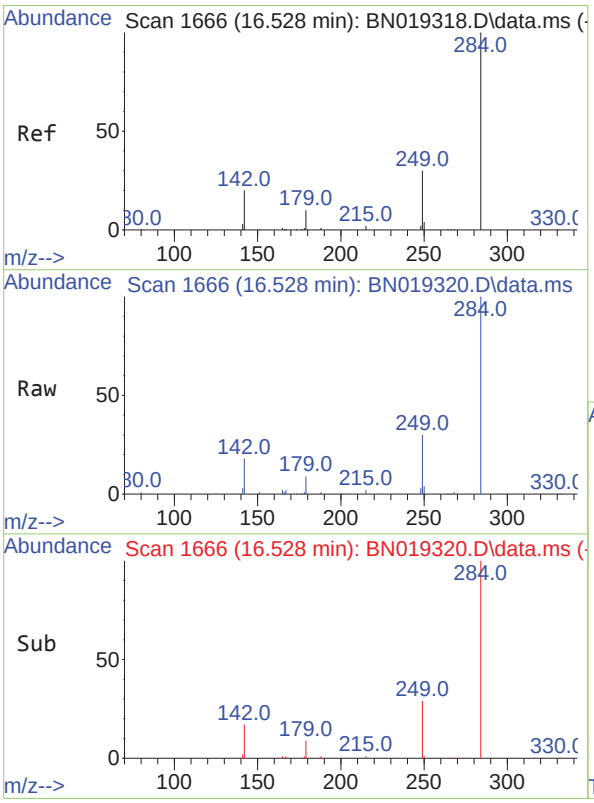
#21
4-Bromophenyl-phenylether
Concen: 1.687 ng
RT: 16.395 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 18582

Ion	Ratio	Lower	Upper
248	100		
250	92.3	80.7	121.1
141	86.0	39.6	59.4#

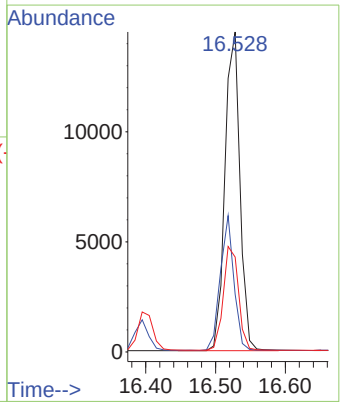


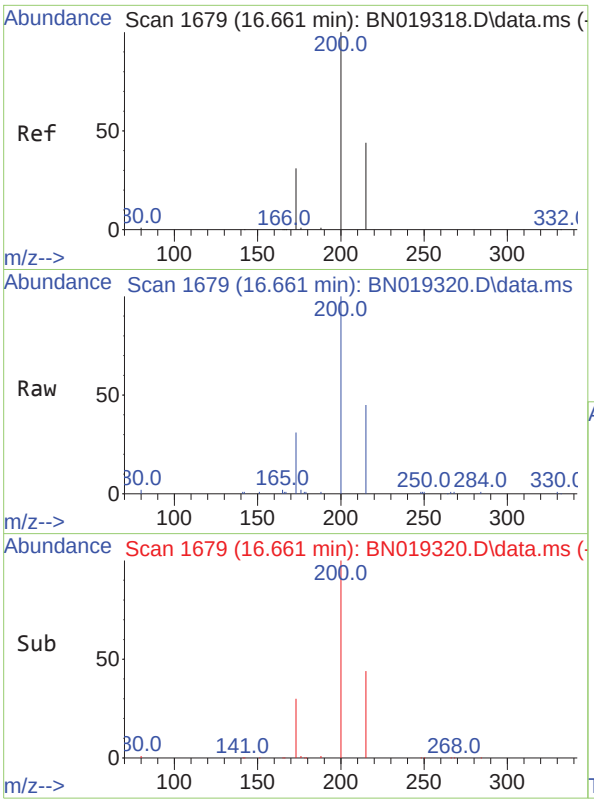


#22
Hexachlorobenzene
Concen: 1.506 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:284 Resp: 21590

Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.8	44.8
249	33.0	26.2	39.2



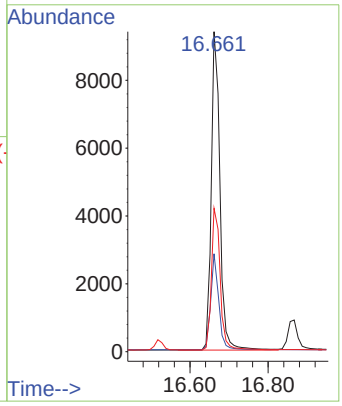


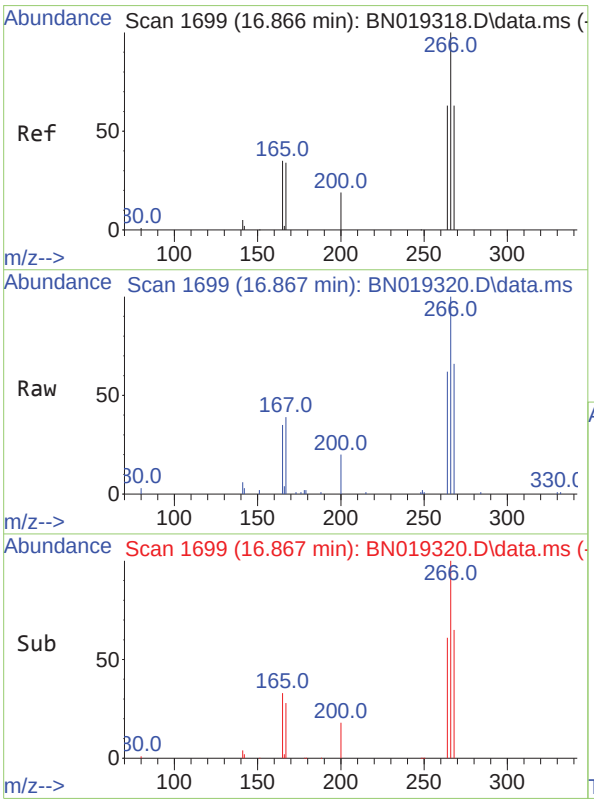
#23
Atrazine
Concen: 1.910 ng
RT: 16.661 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 14424

Ion	Ratio	Lower	Upper
200	100		
173	30.6	23.9	35.9
215	44.8	36.6	54.8

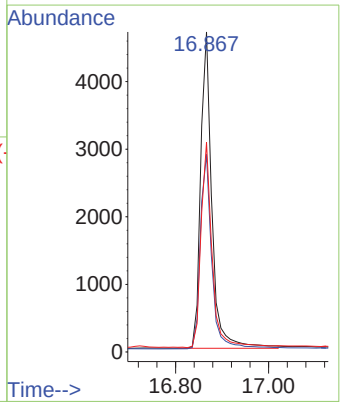


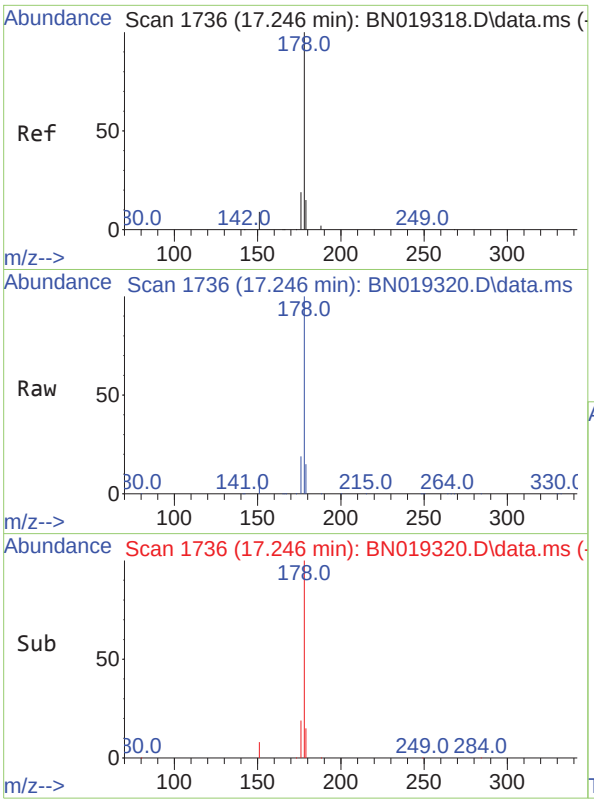


#24
Pentachlorophenol
Concen: 1.900 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:266 Resp: 7842

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.2	75.4
268	64.1	51.9	77.9



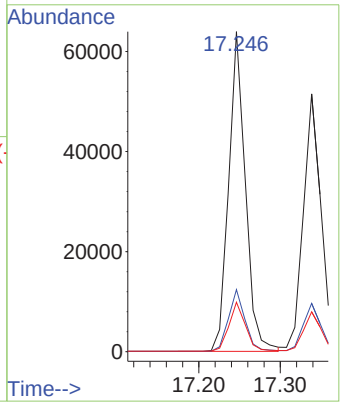


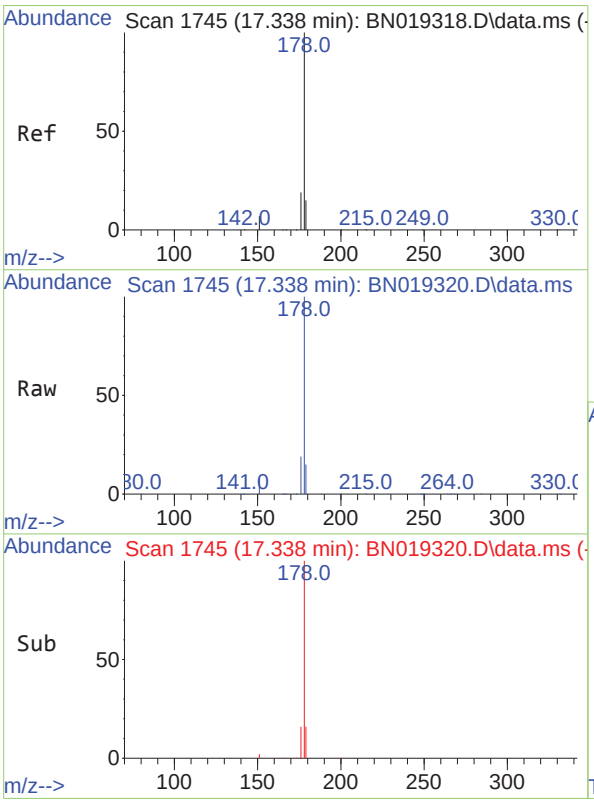
#25
Phenanthrene
Concen: 1.689 ng
RT: 17.246 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 91245

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.2	18.2

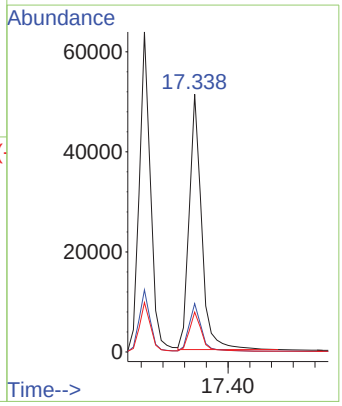


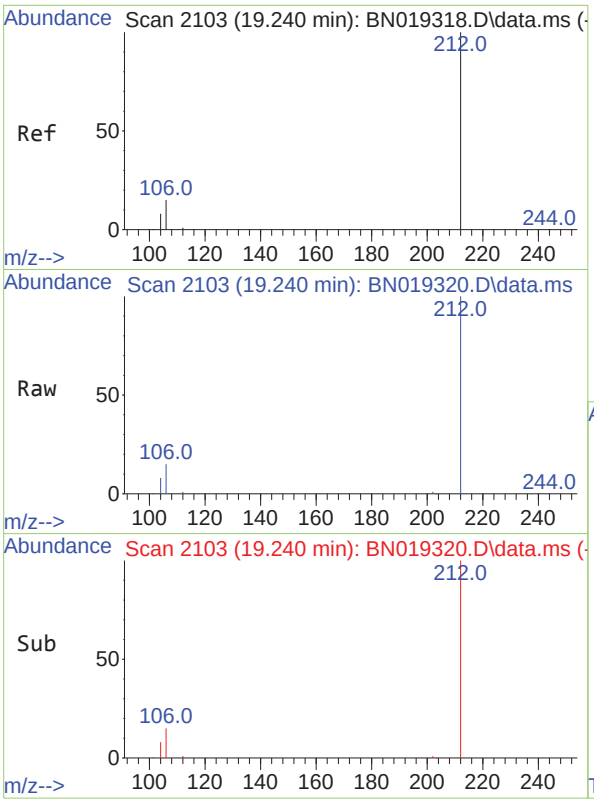


#26
Anthracene
Concen: 1.811 ng
RT: 17.338 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:178 Resp: 80928

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.2	18.4



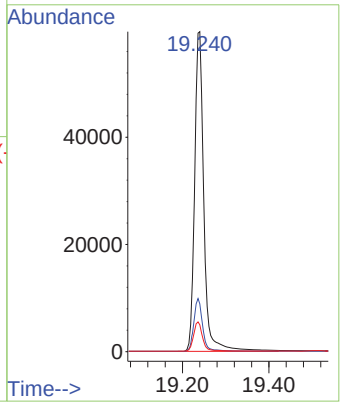


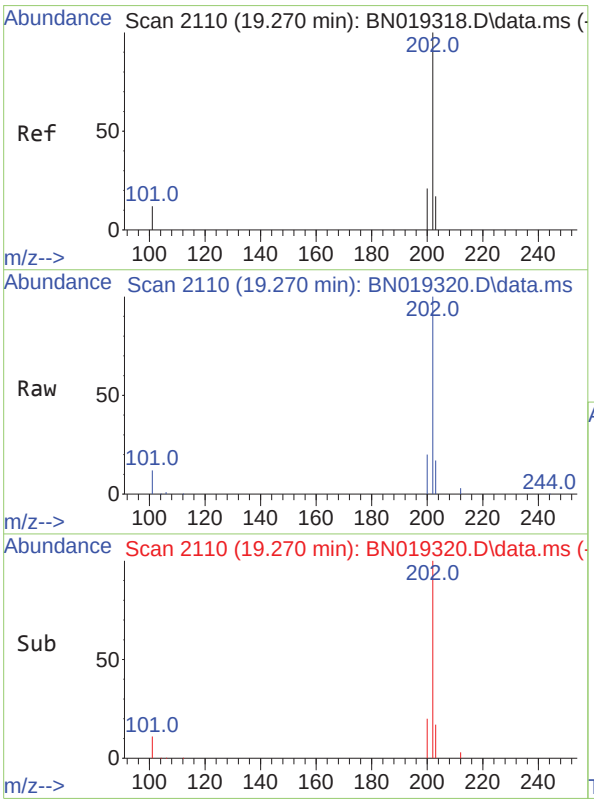
#27
Fluoranthene-d10
Concen: 1.715 ng
RT: 19.240 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 88442

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.7	19.1
104	9.0	7.1	10.7

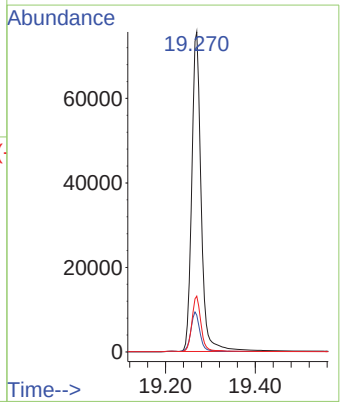


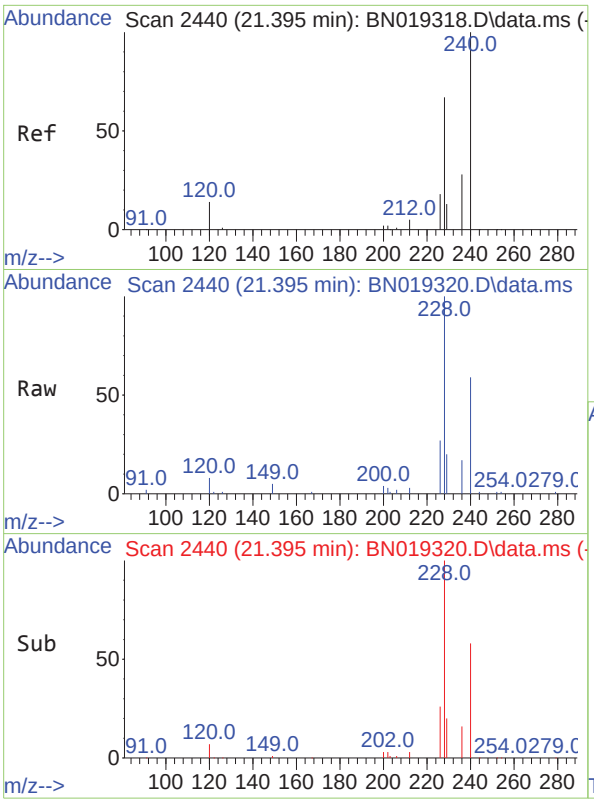


#28
Fluoranthene
Concen: 1.714 ng
RT: 19.270 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:202 Resp: 110487

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
203	16.9	13.7	20.5



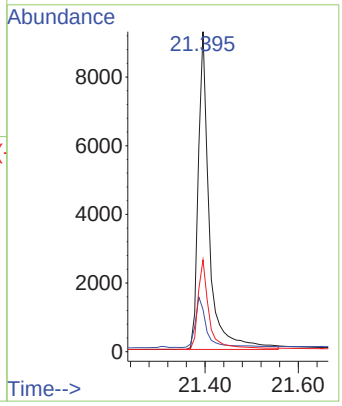


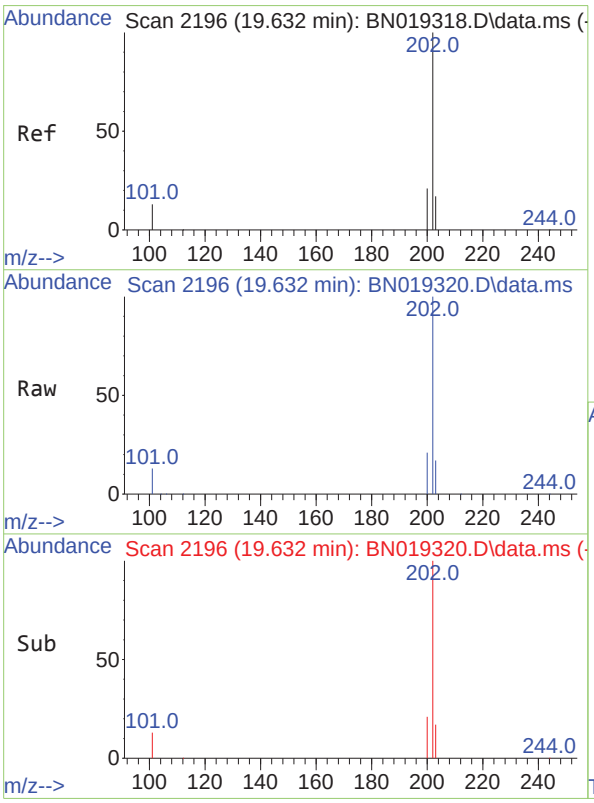
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 15365

Ion	Ratio	Lower	Upper
240	100		
120	13.2	8.5	12.7#
236	28.7	22.4	33.6

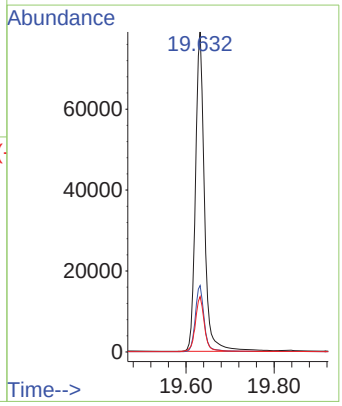


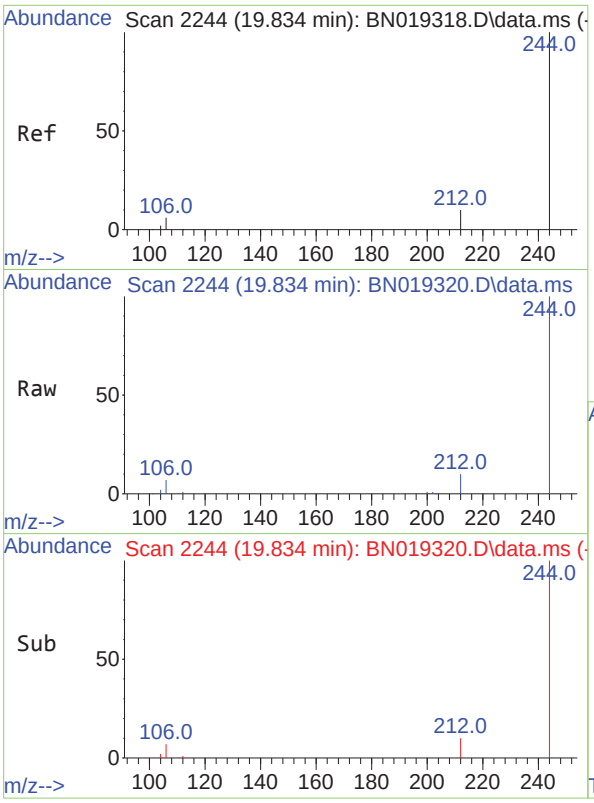


#30
Pyrene
Concen: 1.477 ng
RT: 19.632 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:202 Resp: 112120

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.5	14.2	21.2



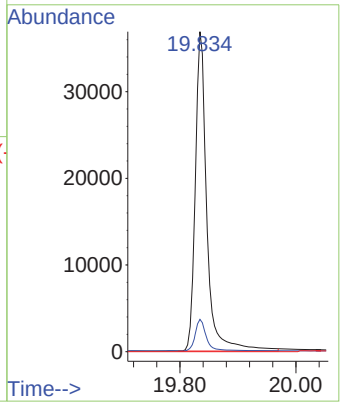


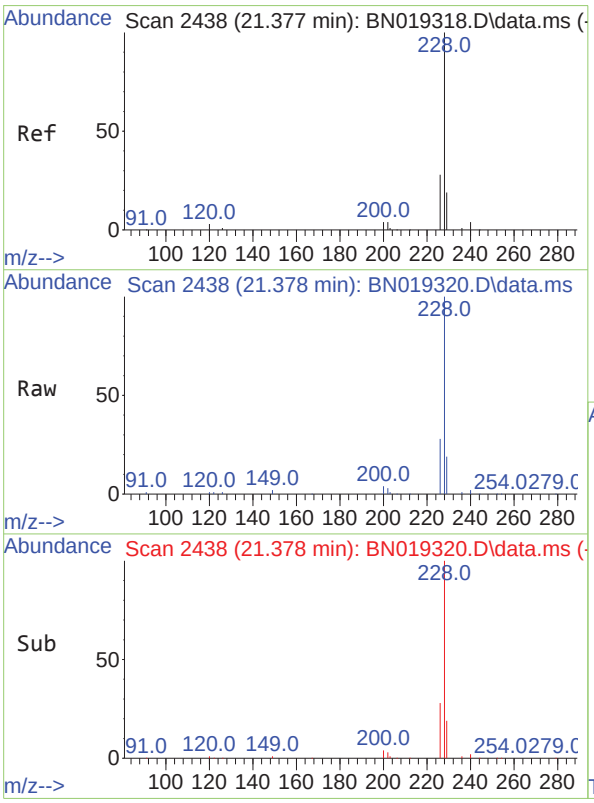
#31
Terphenyl-d14
Concen: 1.492 ng
RT: 19.834 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 50988

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.2	12.4
122	0.0	0.0	0.0

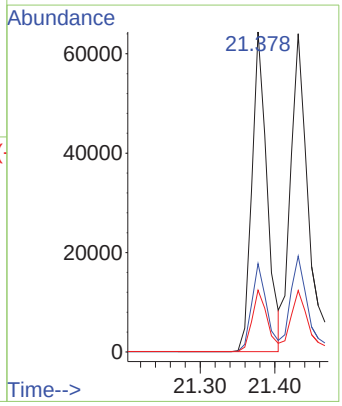


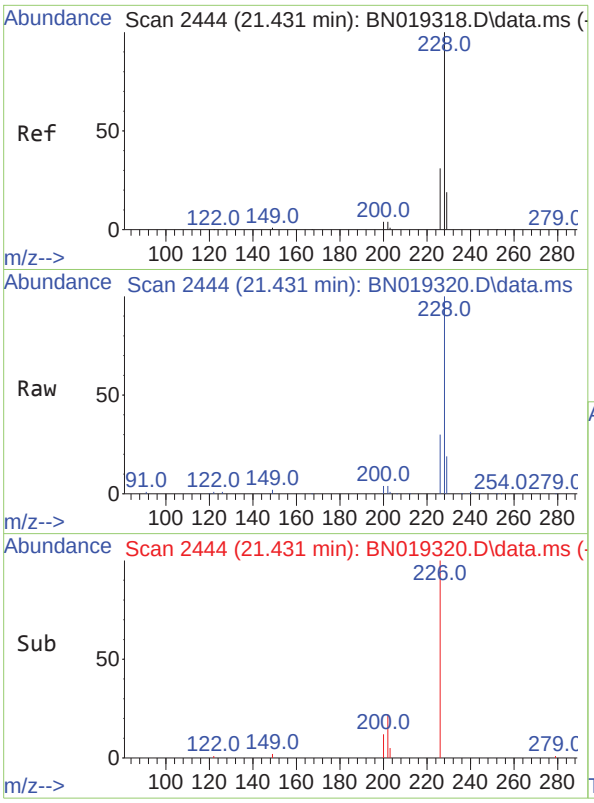


#32
Benzo(a)anthracene
Concen: 1.890 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:228 Resp: 90995

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.9	32.9
229	19.3	16.0	24.0



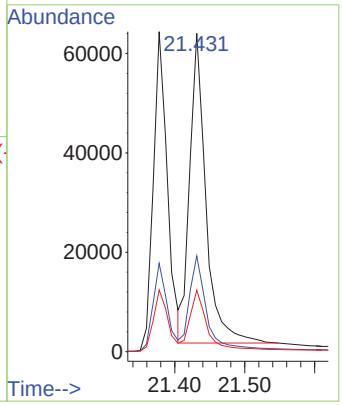


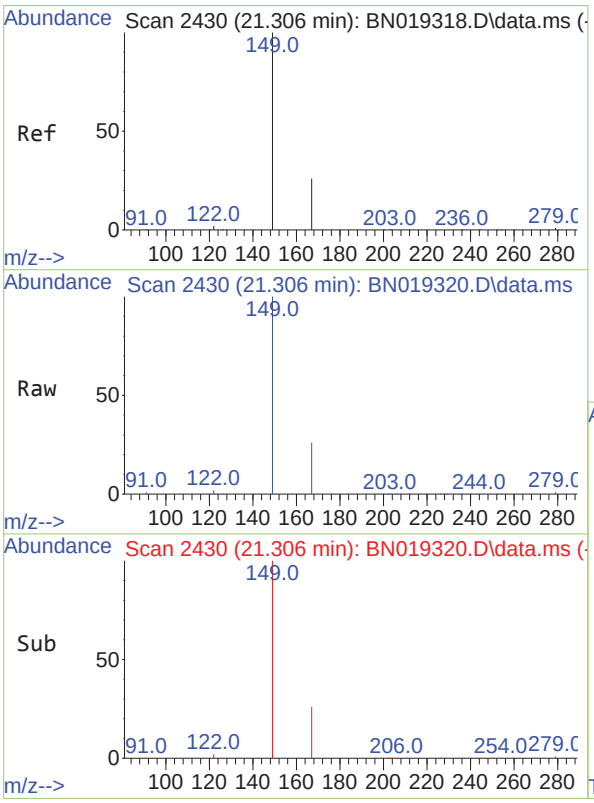
#33
Chrysene
Concen: 1.631 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 100382

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.3	15.9	23.9

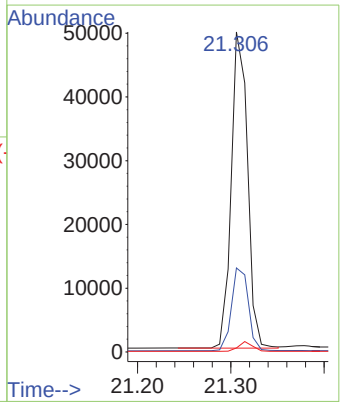


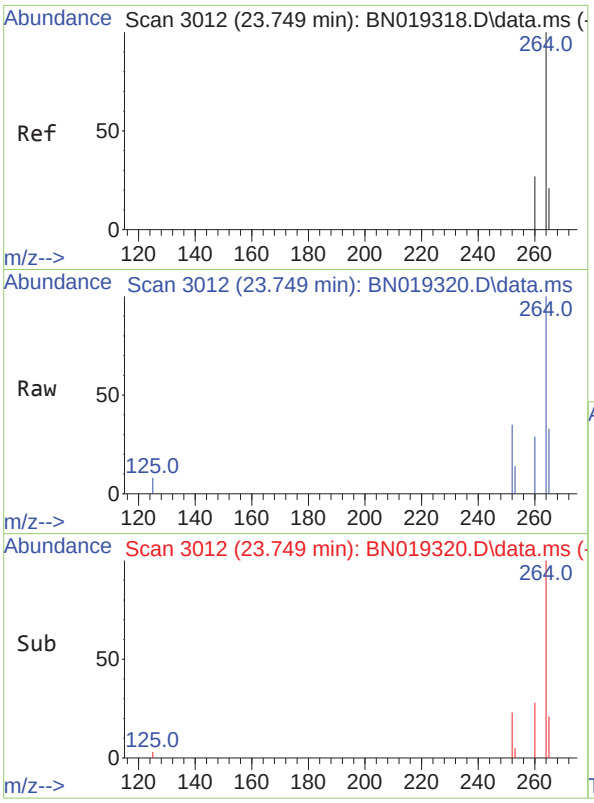


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.870 ng
RT: 21.306 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:149 Resp: 60173

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	2.7	2.0	3.0



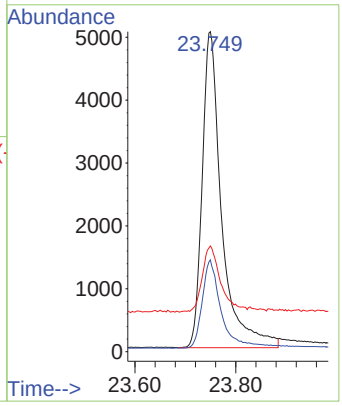


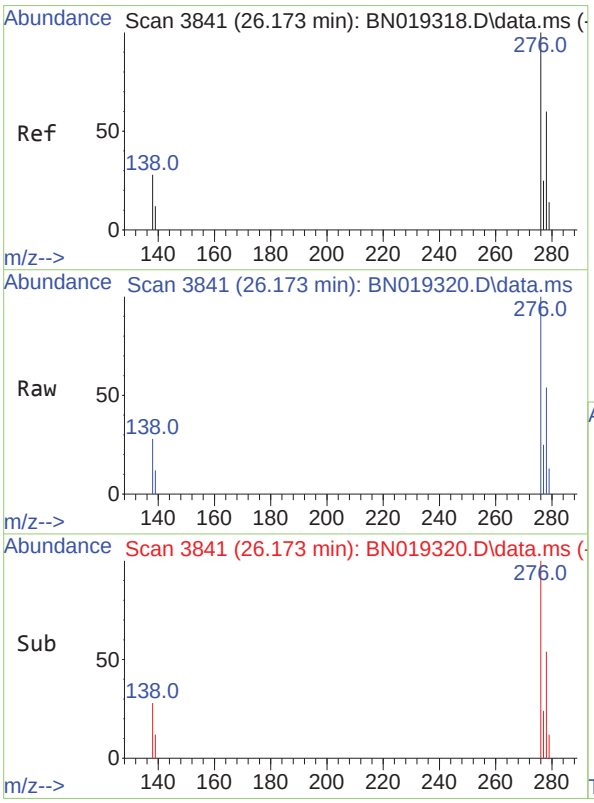
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.749 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 13475

Ion	Ratio	Lower	Upper
264	100		
260	28.7	22.4	33.6
265	33.1	25.3	37.9

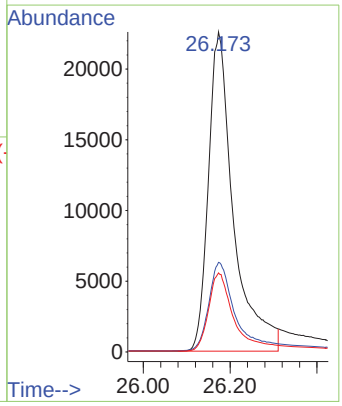


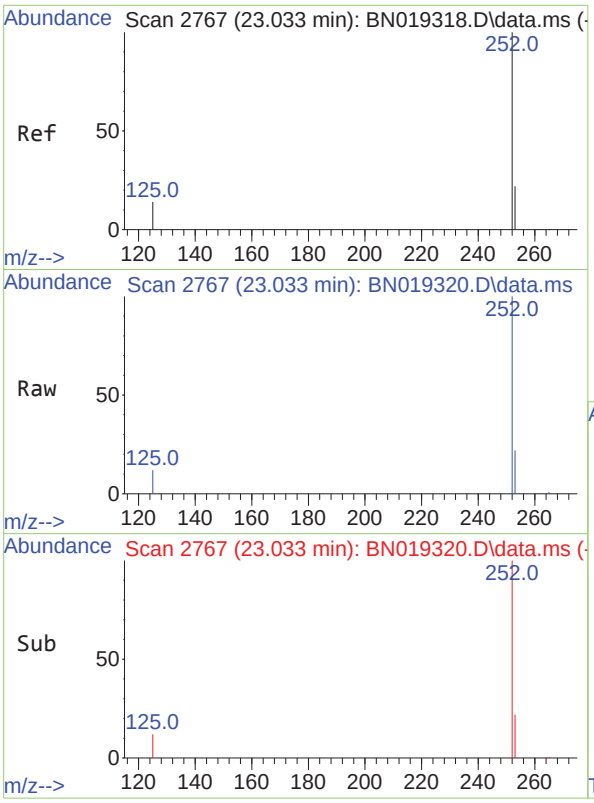


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.641 ng
RT: 26.173 min Scan# 3841
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:276 Resp: 90360

Ion	Ratio	Lower	Upper
276	100		
138	29.0	24.5	36.7
277	24.7	19.8	29.8



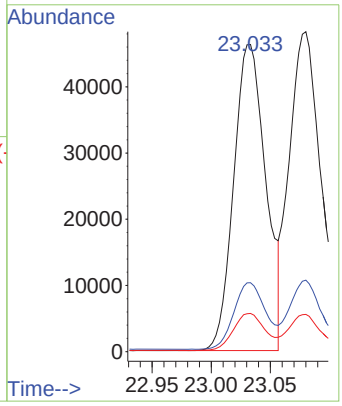


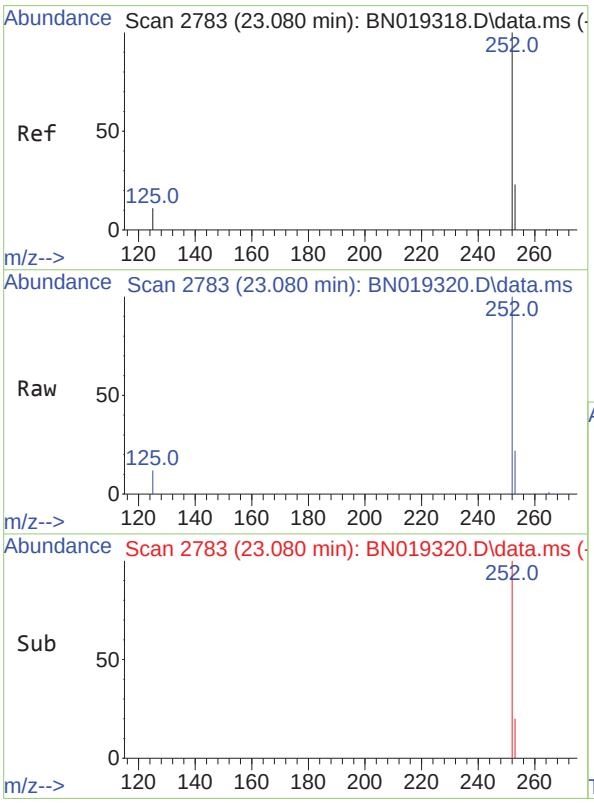
#37
Benzo(b)fluoranthene
Concen: 1.747 ng
RT: 23.033 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 87436

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	12.5	12.1	18.1

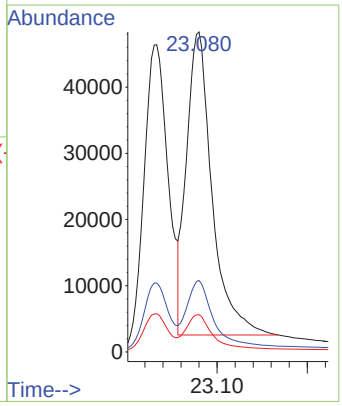


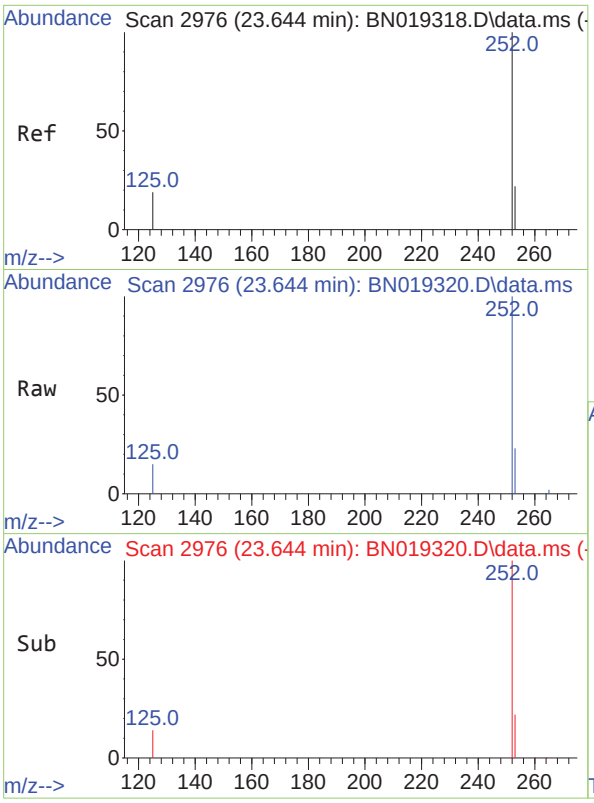


#38
Benzo(k)fluoranthene
Concen: 1.669 ng
RT: 23.080 min Scan# 2783
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:252 Resp: 90117

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	11.6	10.3	15.5



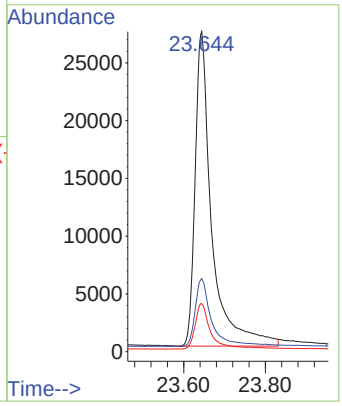


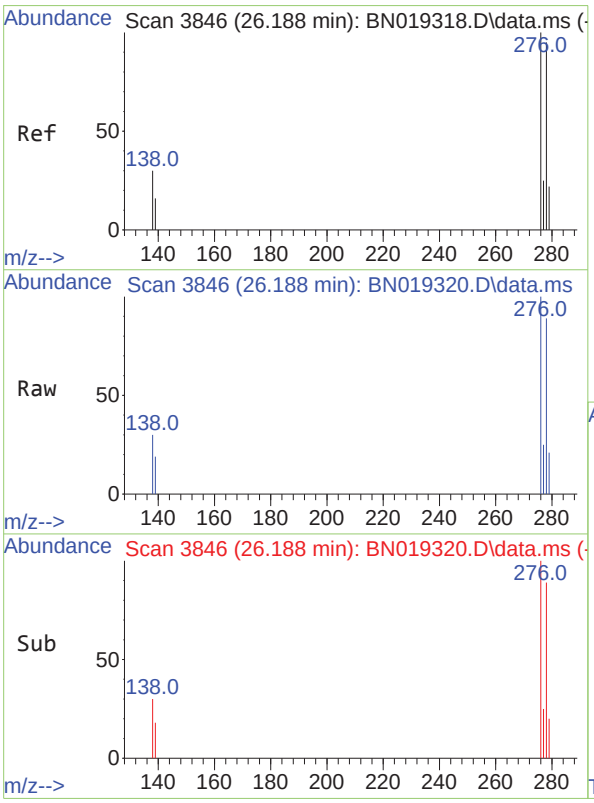
#39
Benzo(a)pyrene
Concen: 1.694 ng
RT: 23.644 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 77054

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.1	30.1
125	15.0	15.2	22.8#

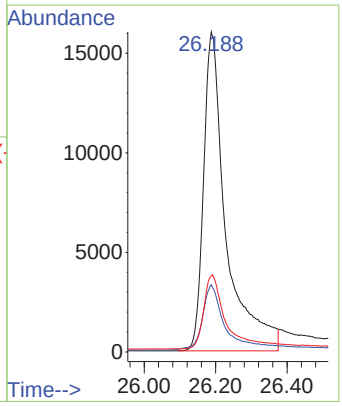


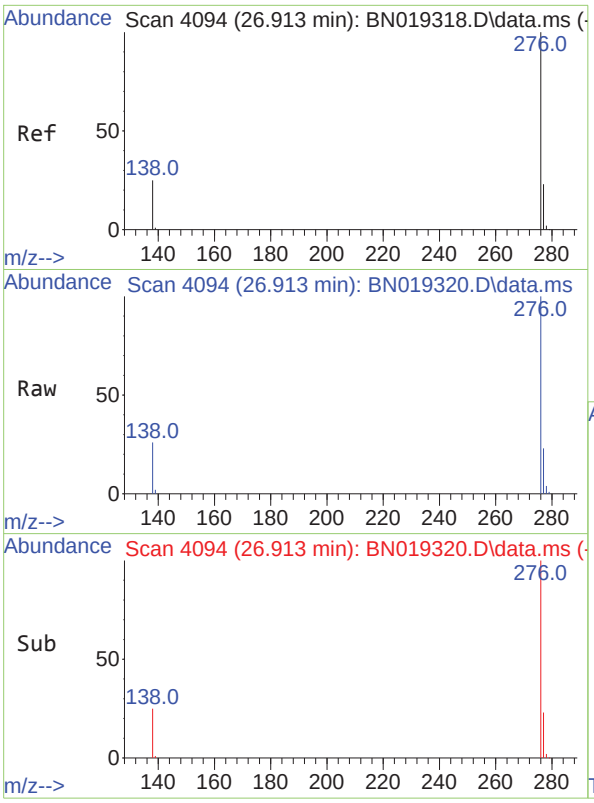


#40
Dibenzo(a,h)anthracene
Concen: 1.742 ng
RT: 26.188 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Tgt Ion:278 Resp: 70047

Ion	Ratio	Lower	Upper
278	100		
139	21.0	17.2	25.8
279	23.8	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 1.523 ng
RT: 26.913 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN019320.D
Acq: 04 Apr 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 85577

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	25.8	21.0	31.6