Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019160.D
Acq On : 25 Mar 2022 16:55
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 25 18:49:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration

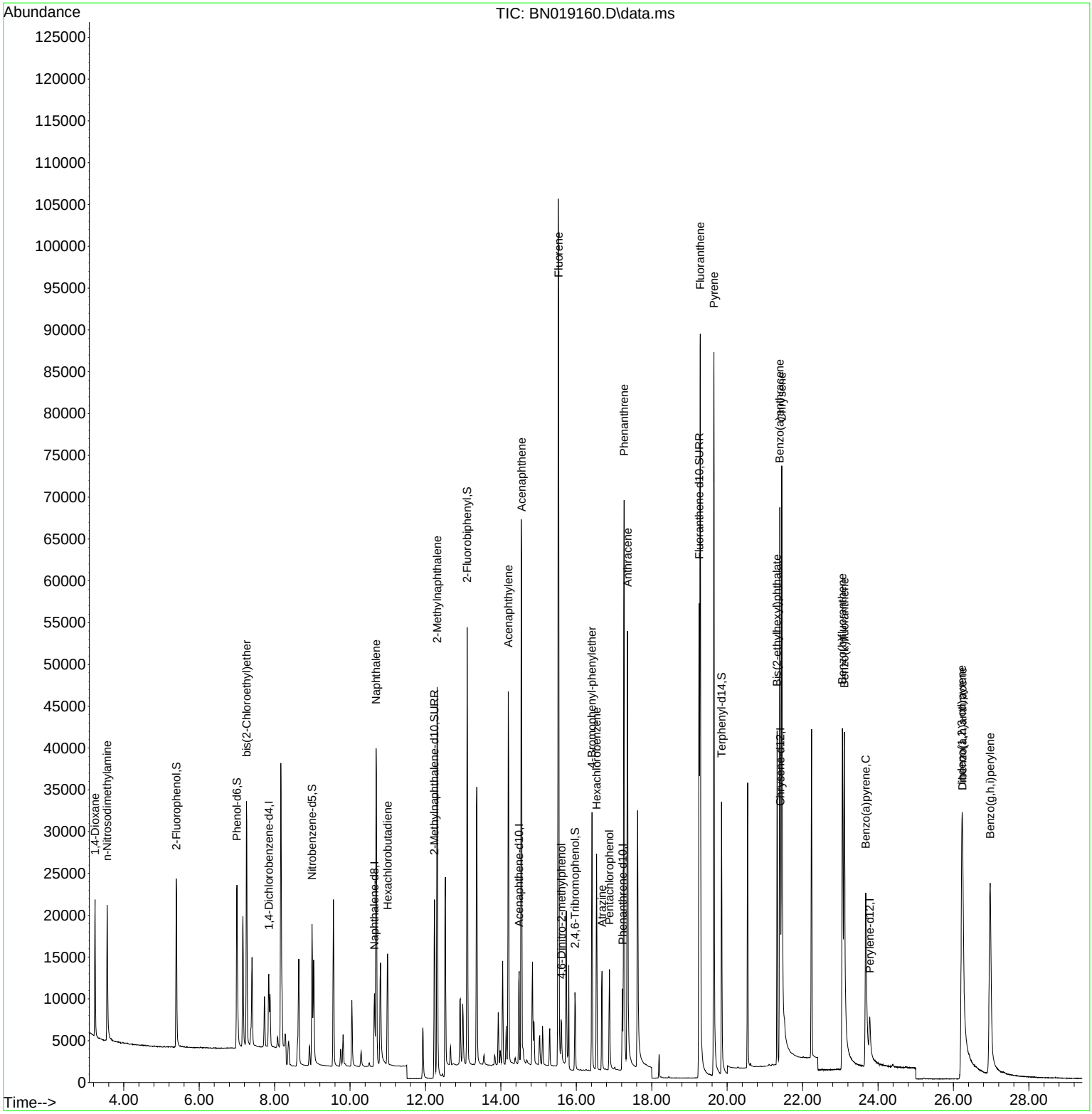
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4414	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	11410	0.400	ng	#	0.00
13) Acenaphthene-d10	14.484	164	6717	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	14280	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	11395	0.400	ng	#	0.00
35) Perylene-d12	23.782	264	8840	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	16368	1.655	ng		0.00
5) Phenol-d6	7.002	99	19182	1.849	ng		0.00
8) Nitrobenzene-d5	8.993	82	14159	1.721	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	30059	1.588	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	5310	1.638	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	45746	1.699	ng		0.00
27) Fluoranthene-d10	19.257	212	69471	1.639	ng		0.00
31) Terphenyl-d14	19.851	244	40533	1.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	9308	1.706	ng		99
3) n-Nitrosodimethylamine	3.557	42	10364	1.629	ng	#	96
6) bis(2-Chloroethyl)ether	7.255	93	20949	1.698	ng		97
9) Naphthalene	10.690	128	53125	1.636	ng		100
10) Hexachlorobutadiene	11.000	225	11786	1.484	ng	#	100
12) 2-Methylnaphthalene	12.310	142	35224	1.596	ng		99
16) Acenaphthylene	14.196	152	51621	1.656	ng		99
17) Acenaphthene	14.549	154	36316	1.661	ng		97
18) Fluorene	15.532	166	46241	1.678	ng		99
20) 4,6-Dinitro-2-methylph...	15.607	198	4128	2.343	ng	#	92
21) 4-Bromophenyl-phenylether	16.415	248	15077	1.674	ng	#	90
22) Hexachlorobenzene	16.538	284	18051	1.555	ng		98
23) Atrazine	16.682	200	10149	1.508	ng		96
24) Pentachlorophenol	16.877	266	6138	1.723	ng		98
25) Phenanthrene	17.267	178	75153	1.683	ng		100
26) Anthracene	17.359	178	63185	1.674	ng		100
28) Fluoranthene	19.286	202	87654	1.673	ng		99
30) Pyrene	19.649	202	87138	1.535	ng		100
32) Benzo(a)anthracene	21.395	228	60723	1.729	ng		100
33) Chrysene	21.449	228	77205	1.630	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	32796	1.409	ng		100
36) Indeno(1,2,3-cd)pyrene	26.223	276	58155	1.823	ng		99
37) Benzo(b)fluoranthene	23.057	252	55477	1.720	ng		96
38) Benzo(k)fluoranthene	23.106	252	71645	1.621	ng		98
39) Benzo(a)pyrene	23.673	252	49622	1.691	ng		95
40) Dibenzo(a,h)anthracene	26.243	278	45357	1.825	ng		99
41) Benzo(g,h,i)perylene	26.974	276	62022	1.980	ng		99

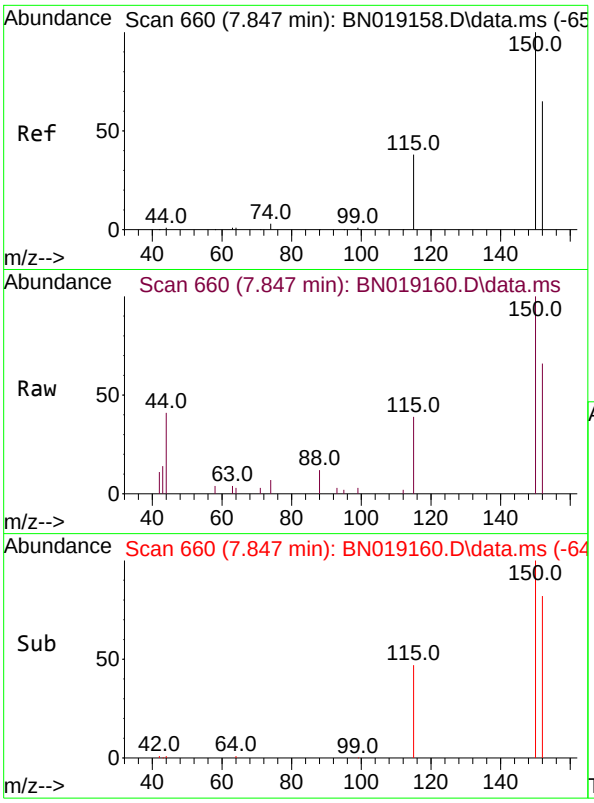
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032522\
Data File : BN019160.D
Acq On : 25 Mar 2022 16:55
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Mar 25 18:49:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 17:03:54 2022
Response via : Initial Calibration



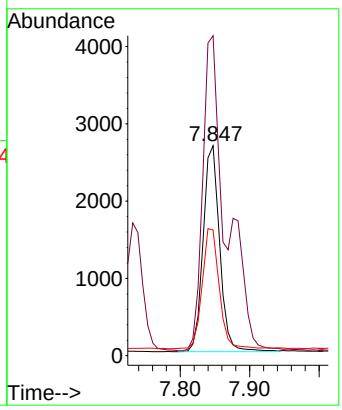


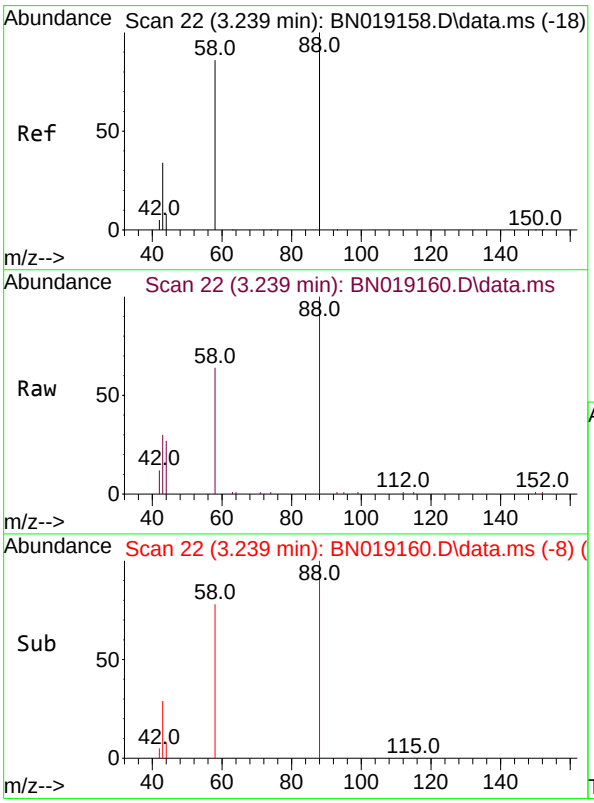
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 4414

Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.9	185.9
115	59.9	48.2	72.4

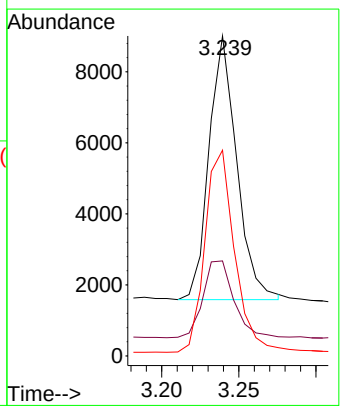


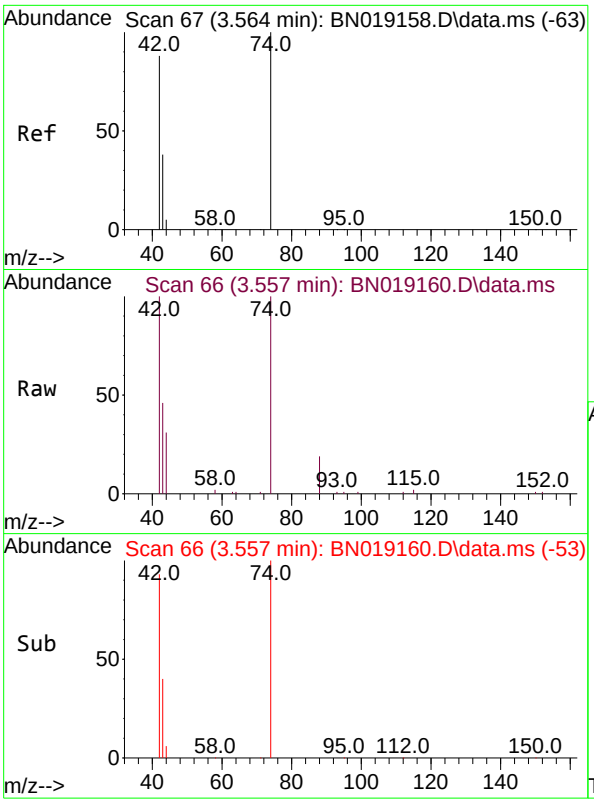


#2
1,4-Dioxane
Concen: 1.706 ng
RT: 3.239 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion: 88 Resp: 9308

Ion	Ratio	Lower	Upper
88	100		
43	32.3	24.6	37.0
58	81.9	65.4	98.2



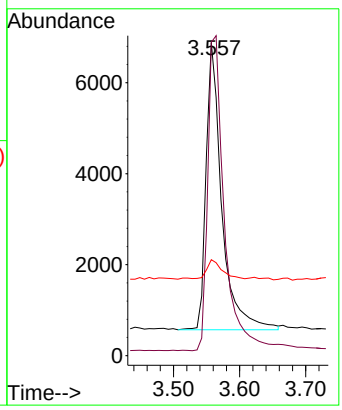


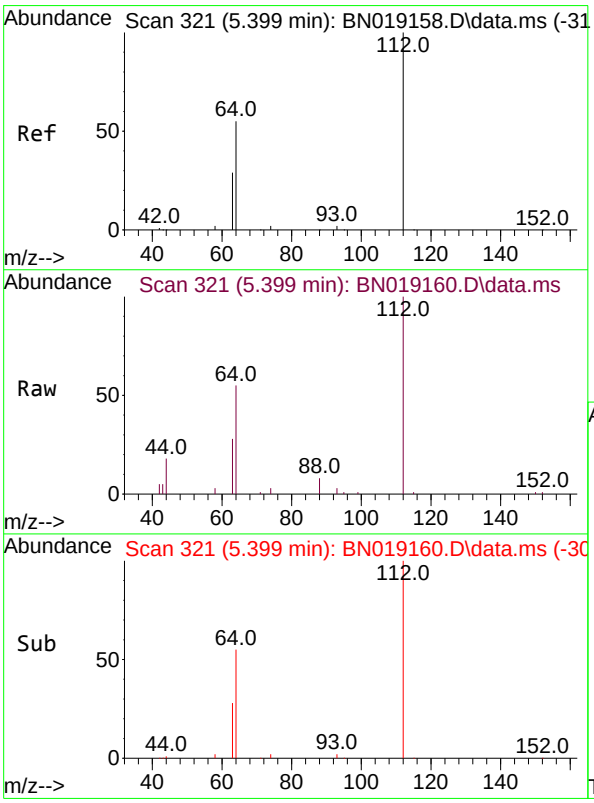
#3
n-Nitrosodimethylamine
Concen: 1.629 ng
RT: 3.557 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 10364

Ion	Ratio	Lower	Upper
42	100		
74	117.1	96.9	145.3
44	6.8	7.3	10.9#

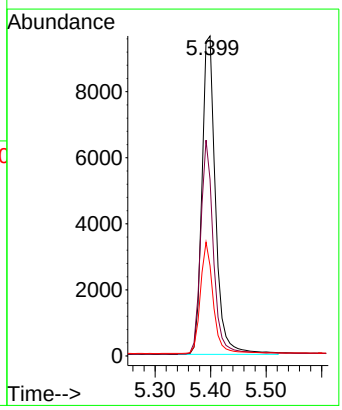


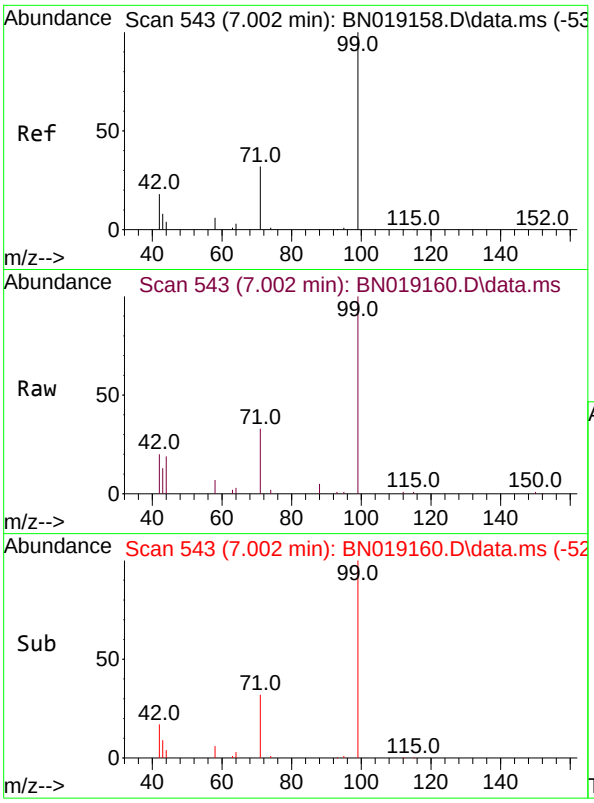


#4
2-Fluorophenol
Concen: 1.655 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:112 Resp: 16368

Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.8	71.8
63	33.0	25.7	38.5



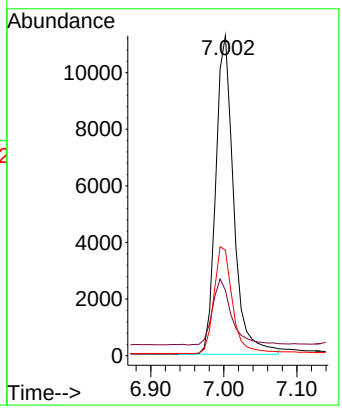


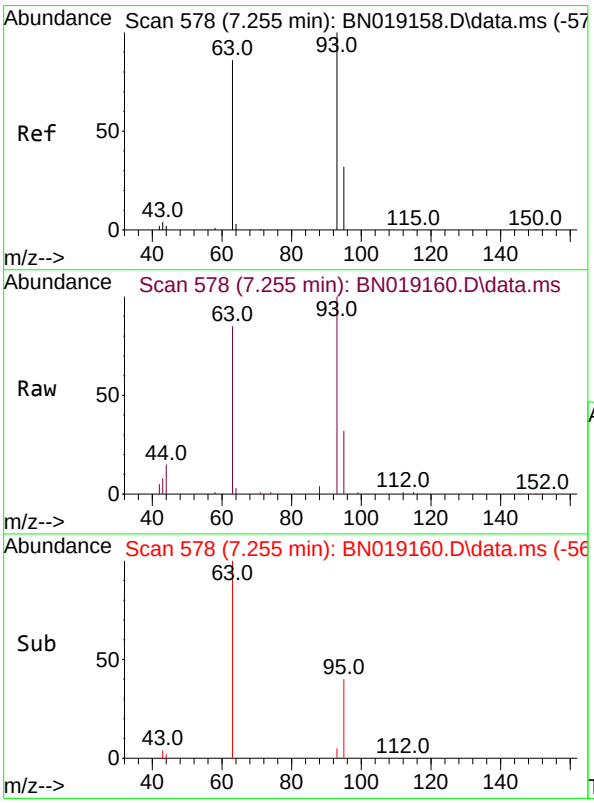
#5
Phenol-d6
Concen: 1.849 ng
RT: 7.002 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 19182

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.2	24.4
71	34.6	27.7	41.5

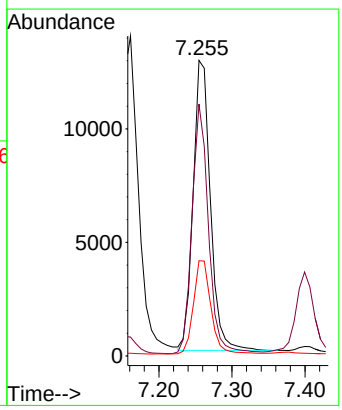


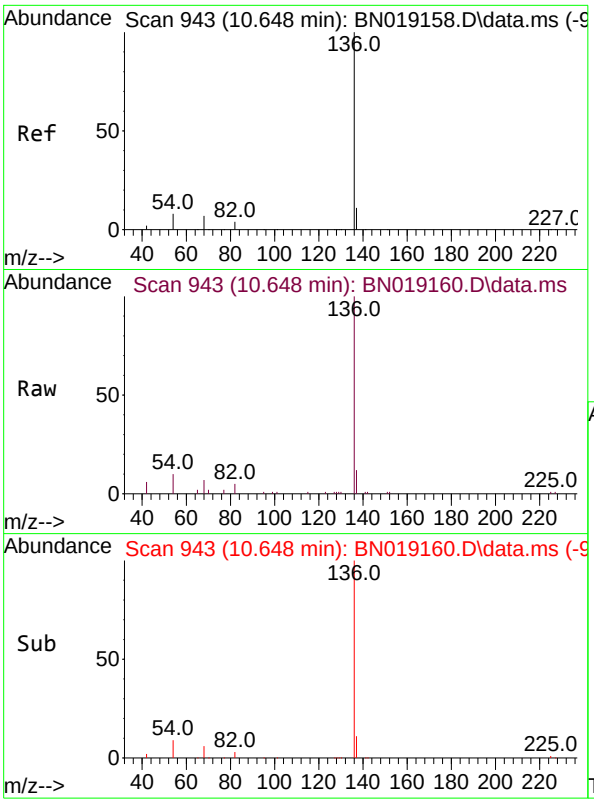


#6
bis(2-Chloroethyl)ether
Concen: 1.698 ng
RT: 7.255 min Scan# 578
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion: 93 Resp: 20949

Ion	Ratio	Lower	Upper
93	100		
63	82.1	62.8	94.2
95	32.8	26.2	39.4



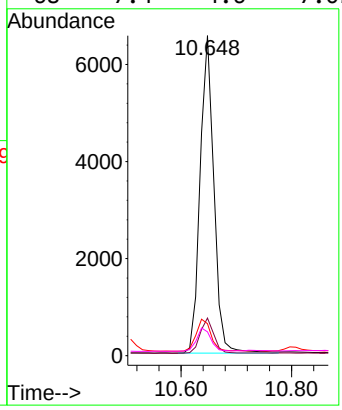


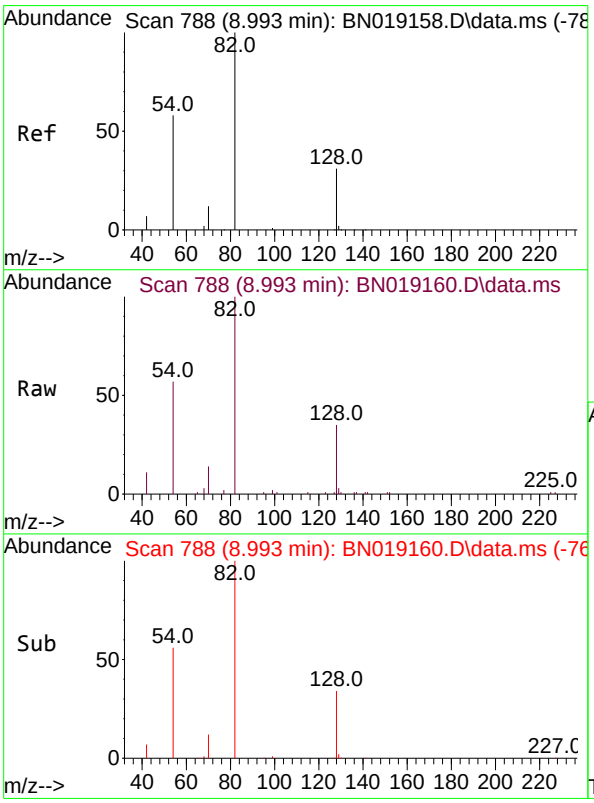
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 11410

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	10.0	5.8	8.6#
68	7.4	4.6	7.0#

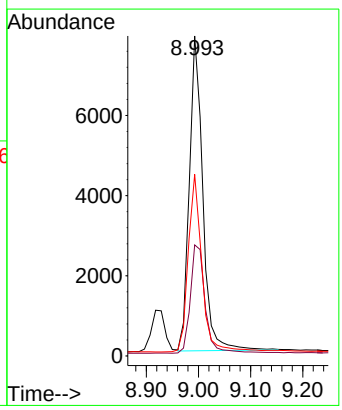


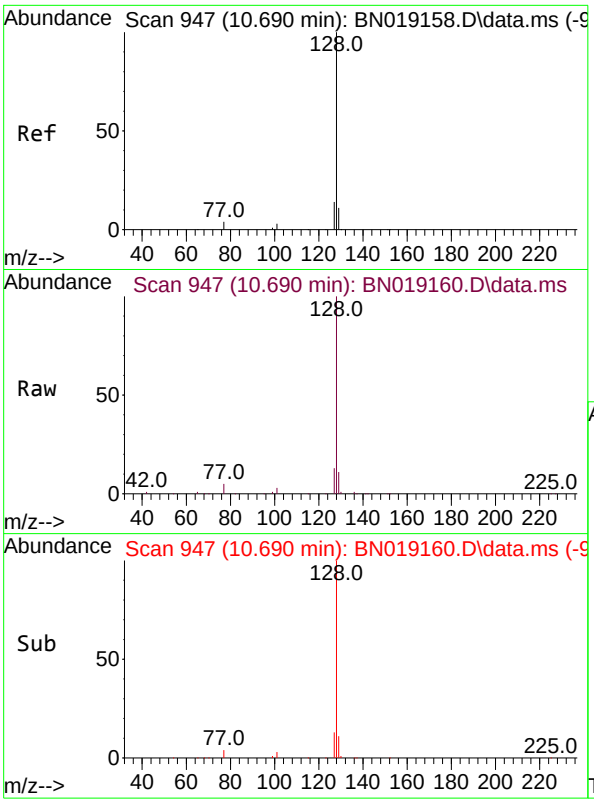


#8
Nitrobenzene-d5
Concen: 1.721 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion: 82 Resp: 14159

Ion	Ratio	Lower	Upper
82	100		
128	34.7	33.0	49.6
54	56.7	42.5	63.7



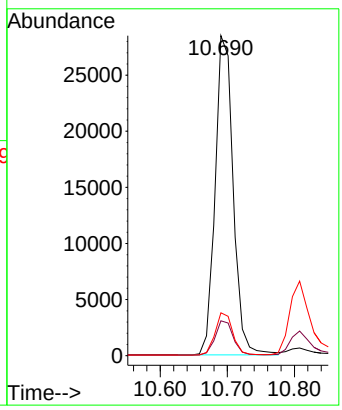


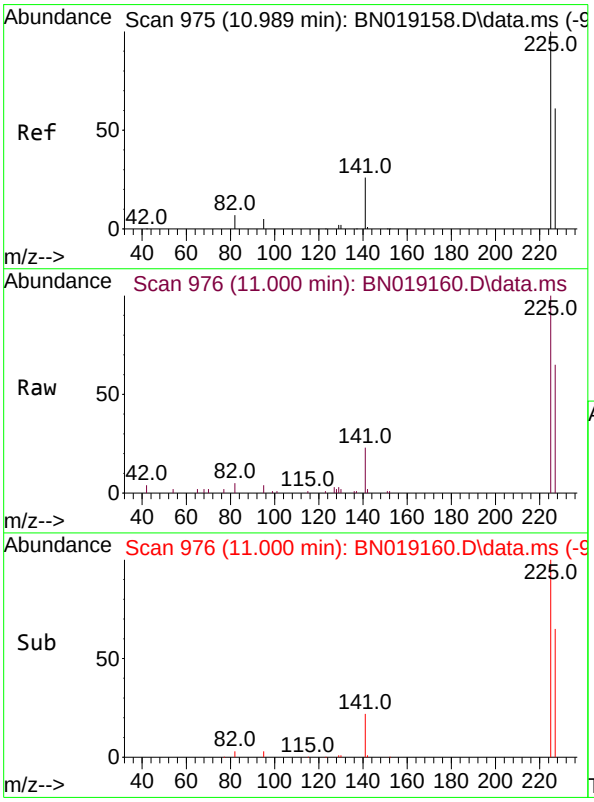
#9
Naphthalene
Concen: 1.636 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 53125

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

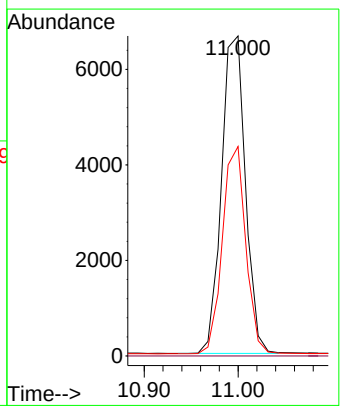


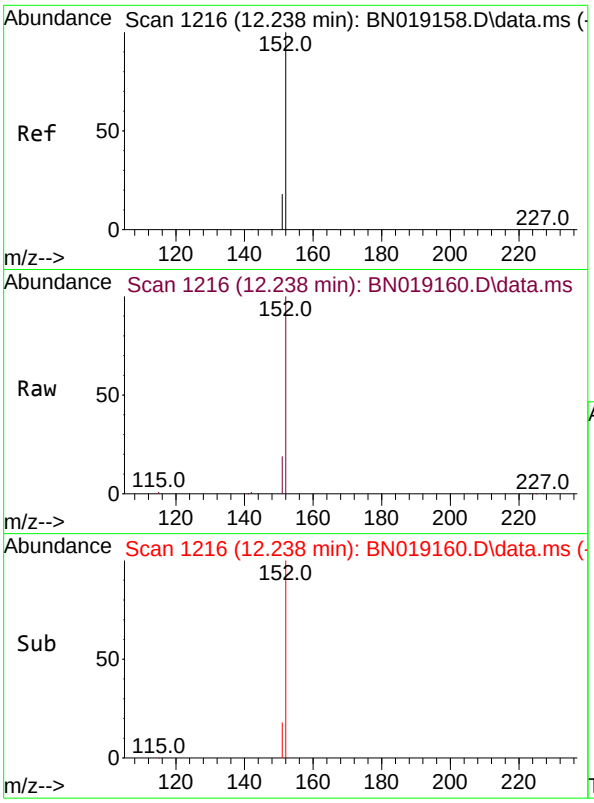


#10
Hexachlorobutadiene
Concen: 1.484 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.011 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:225 Resp: 11786

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



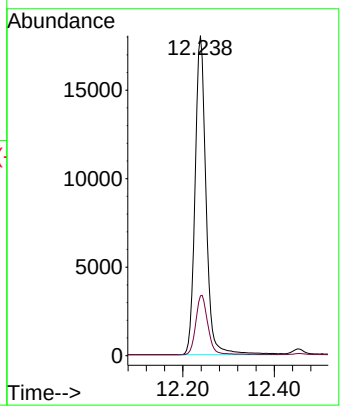


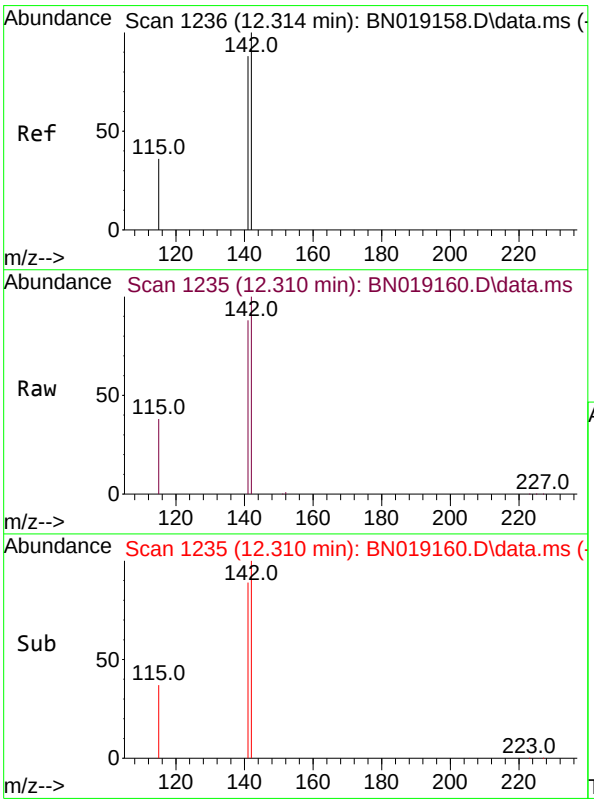
#11
2-Methylnaphthalene-d10
Concen: 1.588 ng
RT: 12.238 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 30059

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

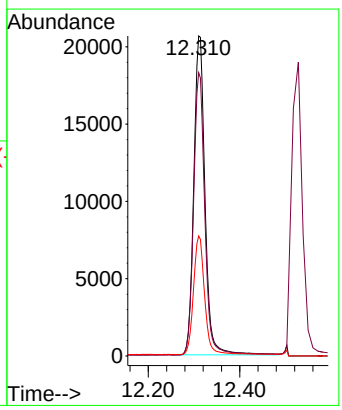


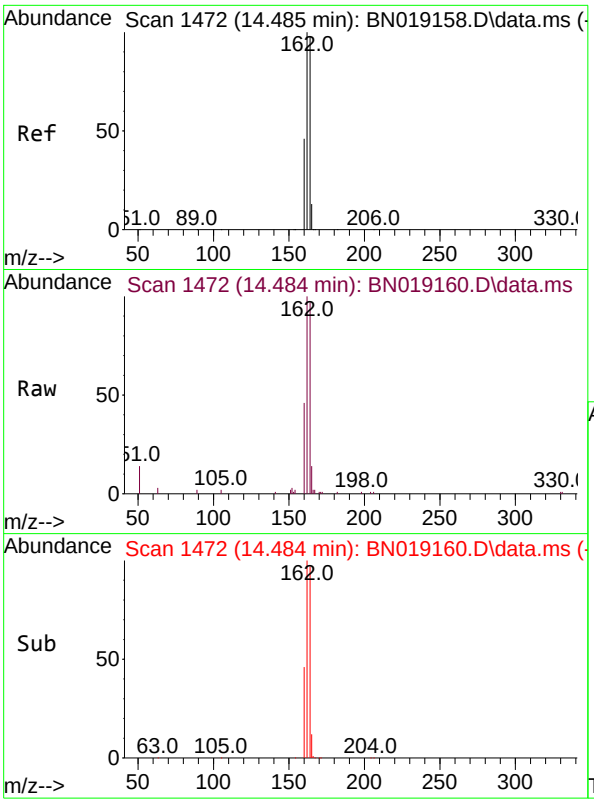


#12
2-Methylnaphthalene
Concen: 1.596 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:142 Resp: 35224

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.0	105.0
115	37.5	29.8	44.8



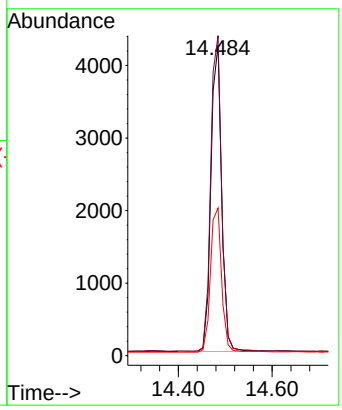


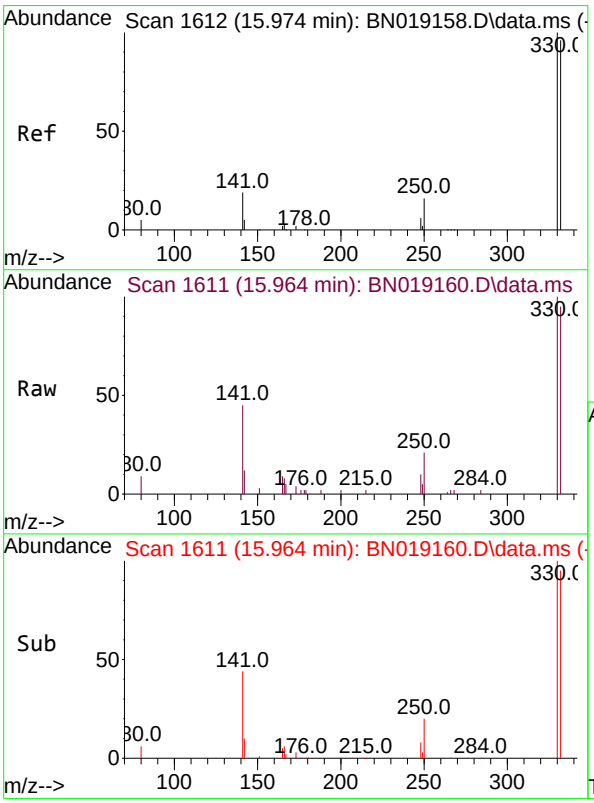
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 6717

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.2	127.8
160	47.5	41.5	62.3

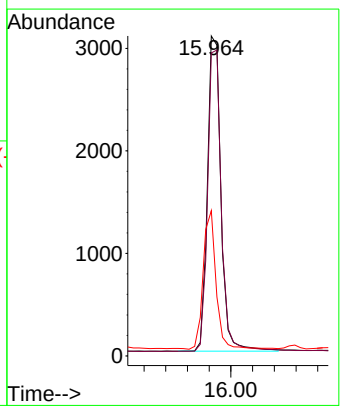


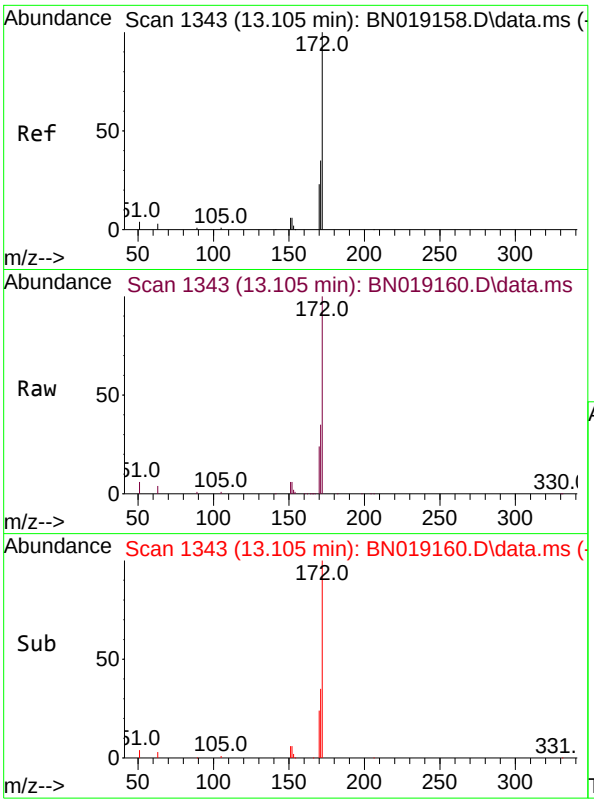


#14
2,4,6-Tribromophenol
Concen: 1.638 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.010 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:330 Resp: 5310

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	41.0	32.2	48.2



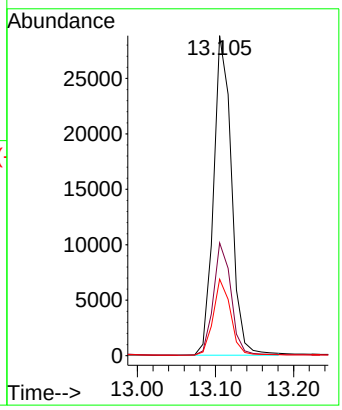


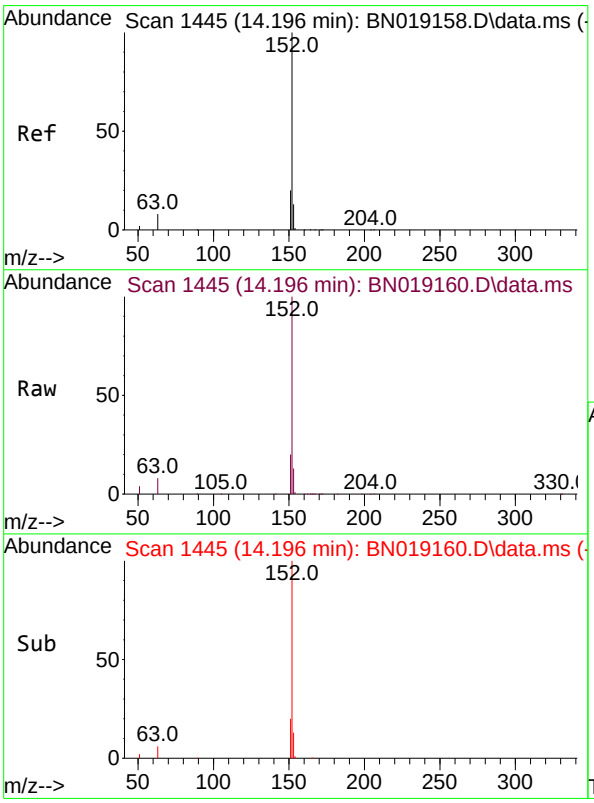
#15
2-Fluorobiphenyl
Concen: 1.699 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 45746

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.9	18.7	28.1

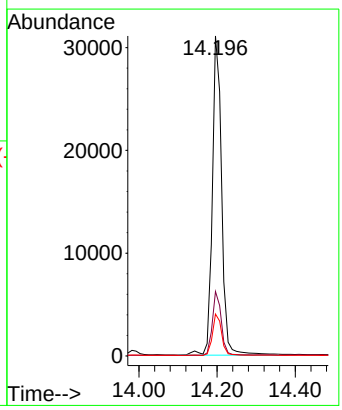


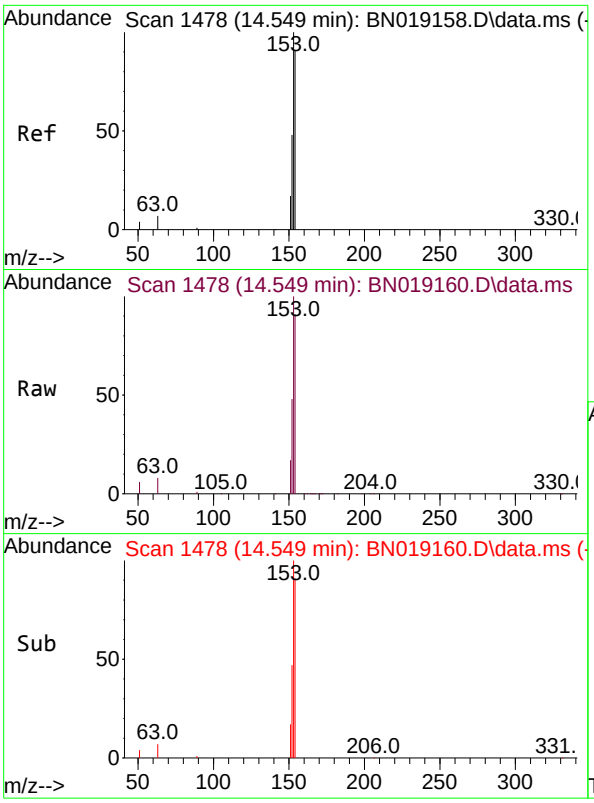


#16
Acenaphthylene
Concen: 1.656 ng
RT: 14.196 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:152 Resp: 51621

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	12.9	10.6	15.8



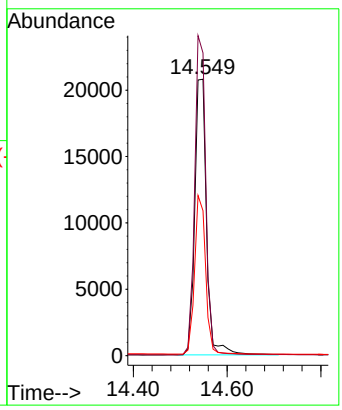


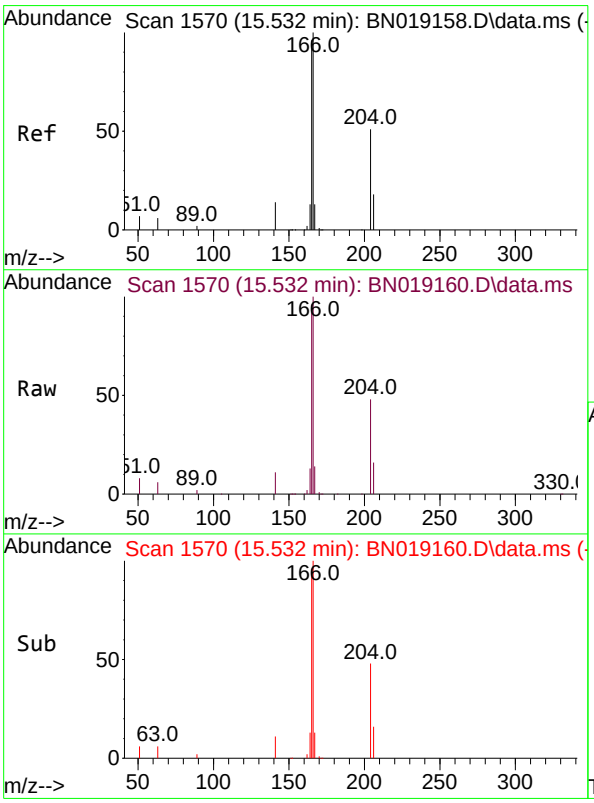
#17
Acenaphthene
Concen: 1.661 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 36316

Ion	Ratio	Lower	Upper
154	100		
153	109.1	89.7	134.5
152	53.6	44.7	67.1

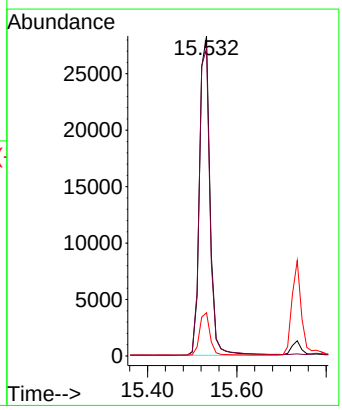


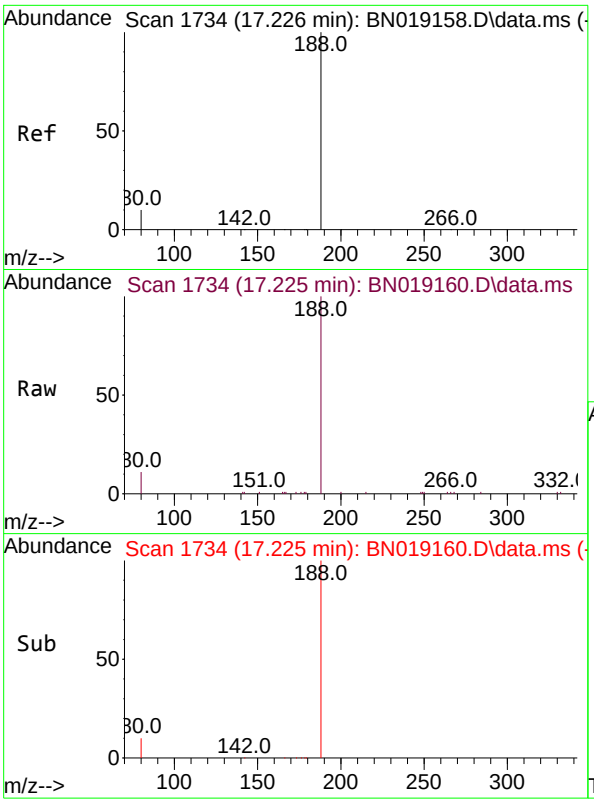


#18
Fluorene
Concen: 1.678 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:166 Resp: 46241

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.2	118.8
167	13.3	10.7	16.1



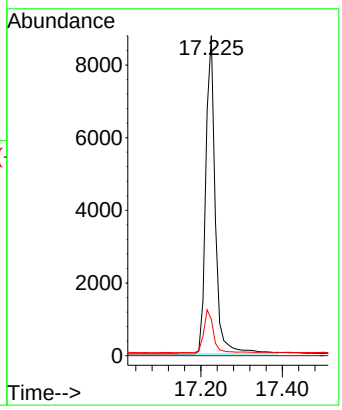


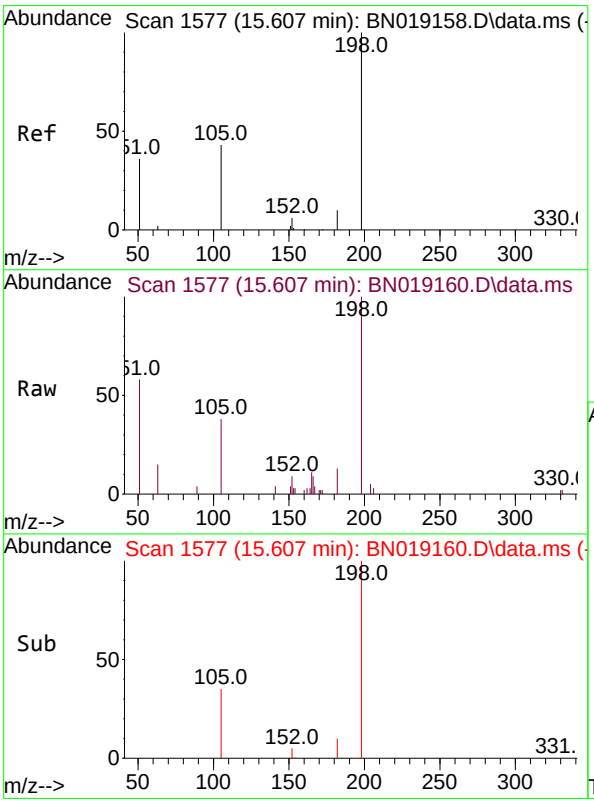
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 14280

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	11.8	17.8#

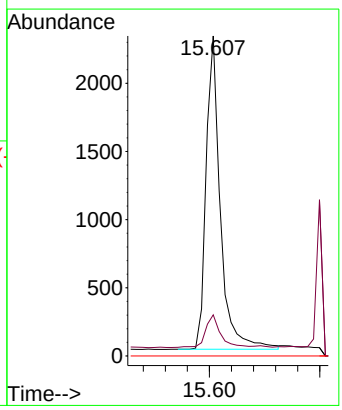


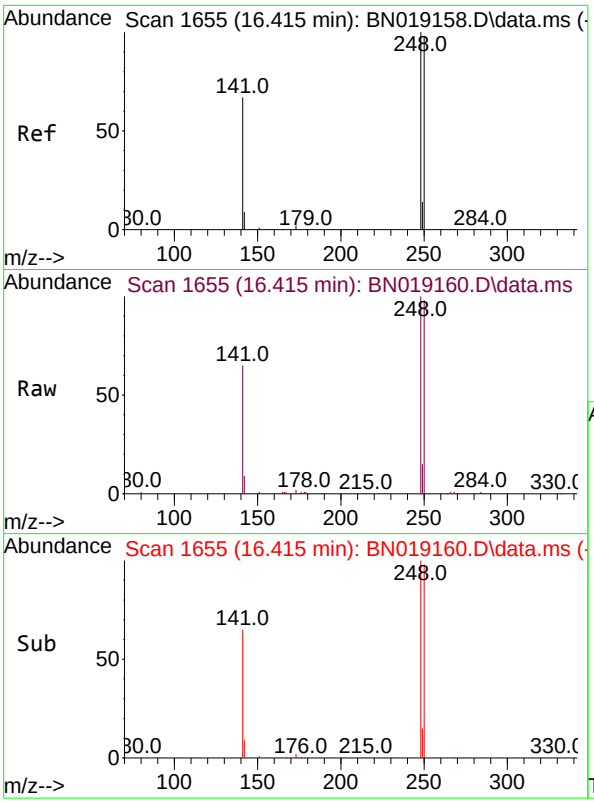


#20
4,6-Dinitro-2-methylphenol
Concen: 2.343 ng
RT: 15.607 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:198 Resp: 4128

Ion	Ratio	Lower	Upper
198	100		
182	12.9	13.0	19.4#
77	0.0	0.0	0.0



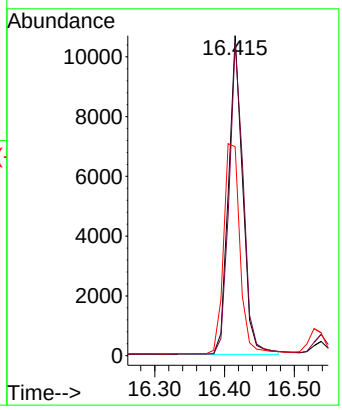


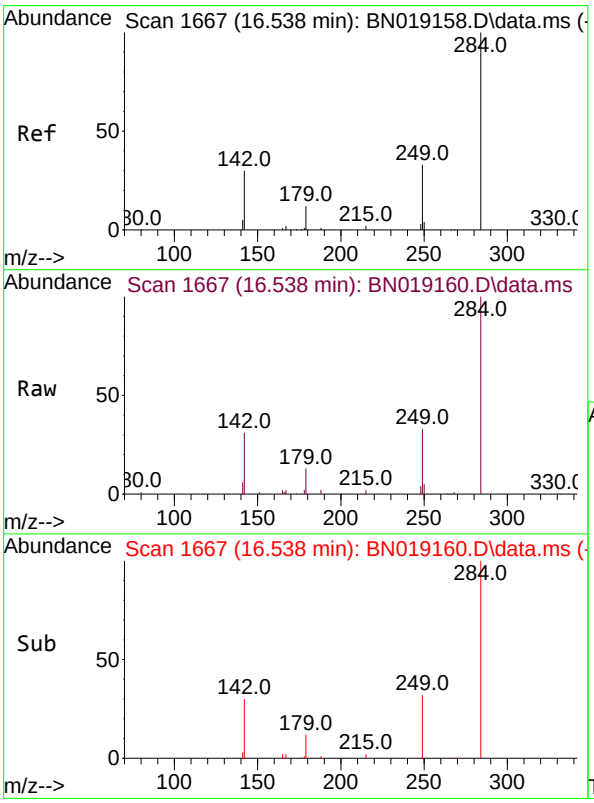
#21
4-Bromophenyl-phenylether
Concen: 1.674 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 15077

Ion	Ratio	Lower	Upper
248	100		
250	98.0	80.7	121.1
141	65.3	39.6	59.4#

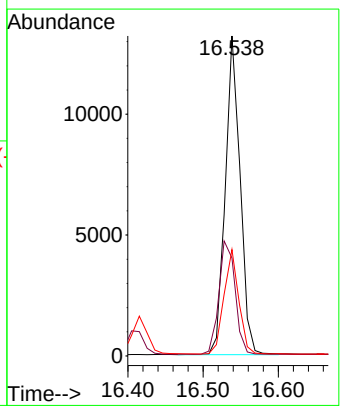


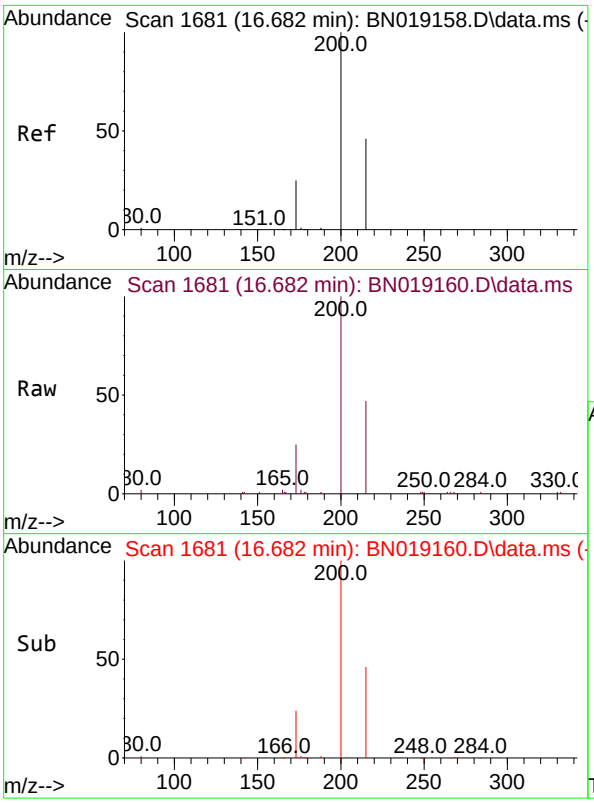


#22
Hexachlorobenzene
Concen: 1.555 ng
RT: 16.538 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:284 Resp: 18051

Ion	Ratio	Lower	Upper
284	100		
142	38.9	29.8	44.8
249	32.6	26.2	39.2



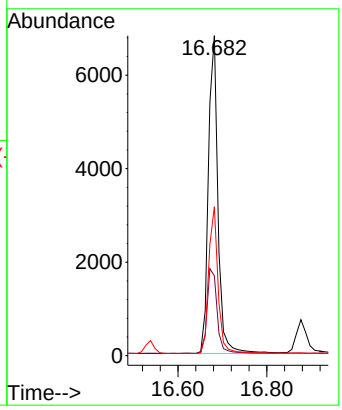


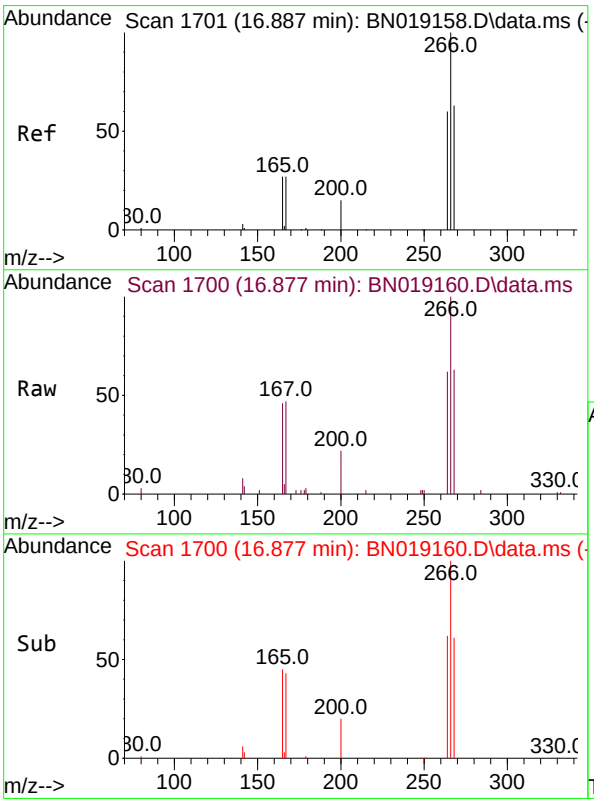
#23
Atrazine
Concen: 1.508 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 10149

Ion	Ratio	Lower	Upper
200	100		
173	25.0	23.9	35.9
215	46.6	36.6	54.8

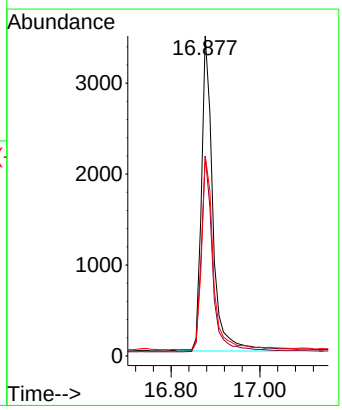


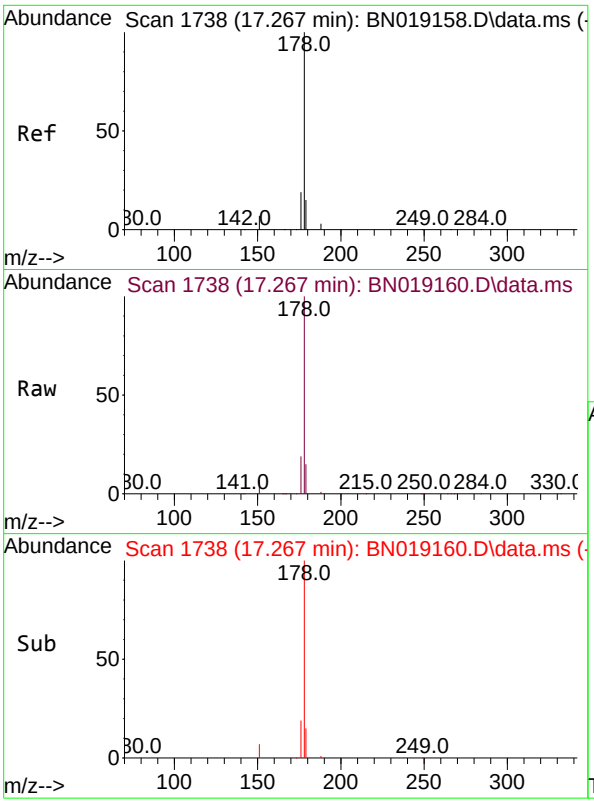


#24
Pentachlorophenol
Concen: 1.723 ng
RT: 16.877 min Scan# 1700
Delta R.T. -0.010 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:266 Resp: 6138

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.2	75.4
268	63.3	51.9	77.9



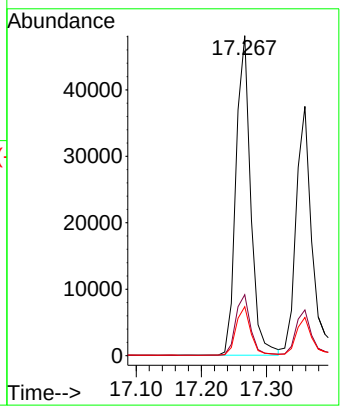


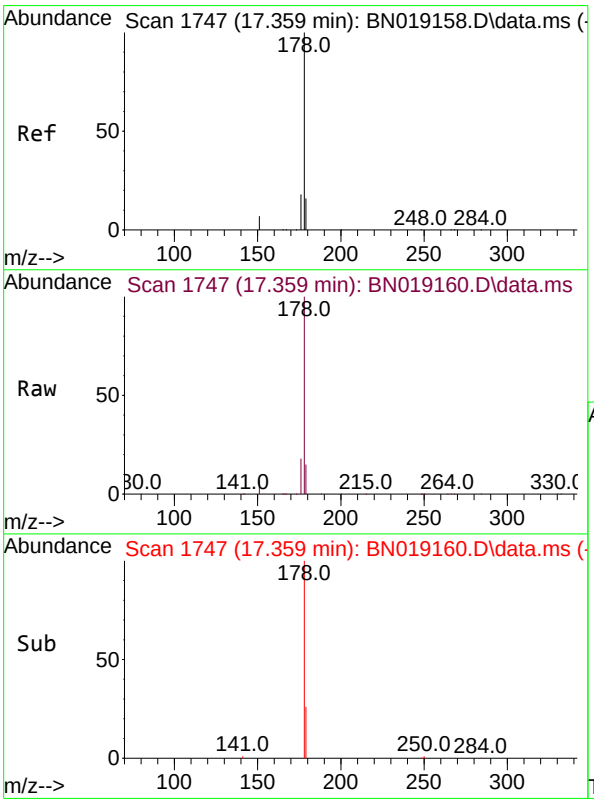
#25
Phenanthrene
Concen: 1.683 ng
RT: 17.267 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 75153

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.2	18.2

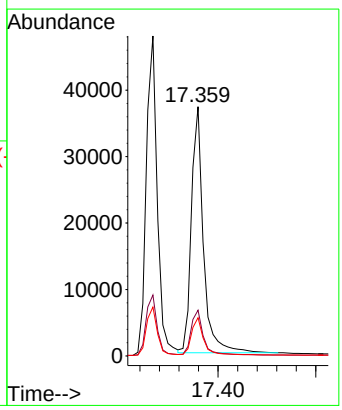


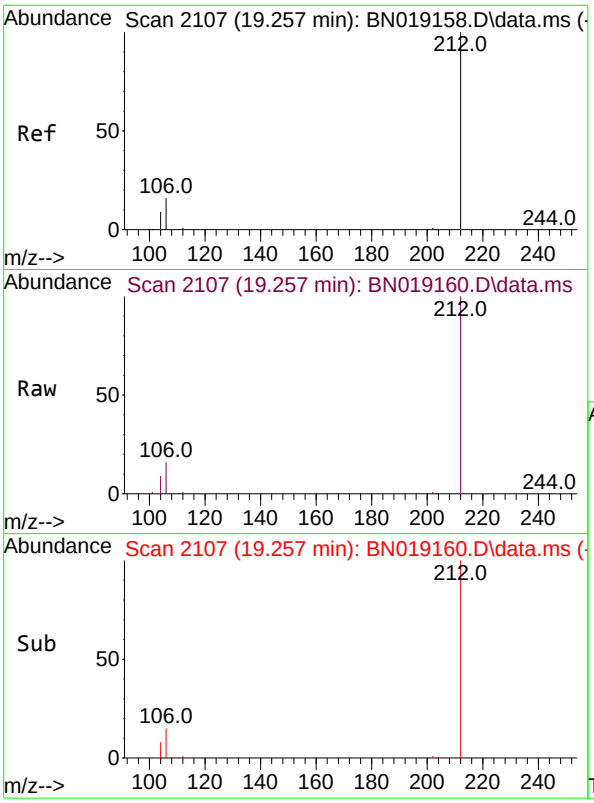


#26
Anthracene
Concen: 1.674 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:178 Resp: 63185

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.1	12.2	18.4



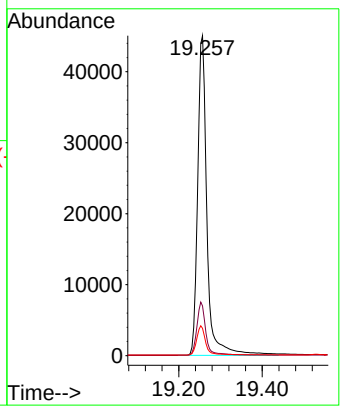


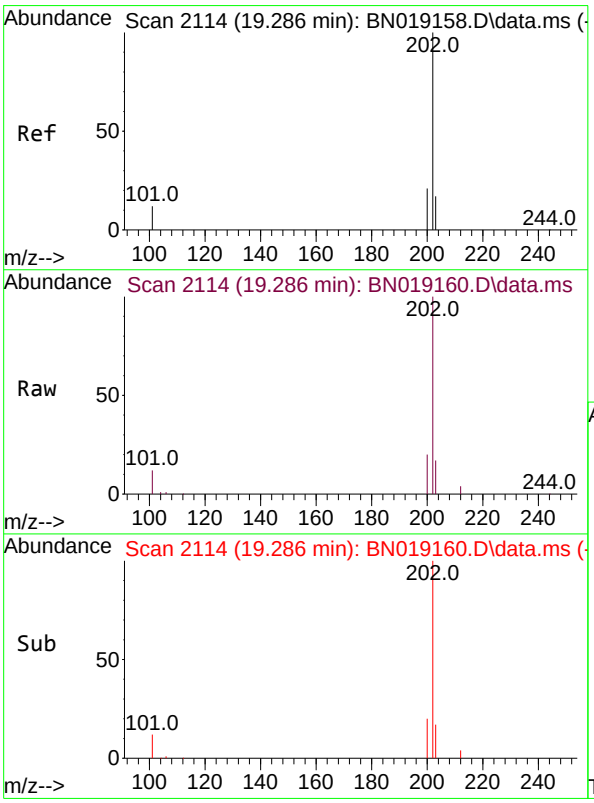
#27
Fluoranthene-d10
Concen: 1.639 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 69471

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.7	19.1
104	8.8	7.1	10.7

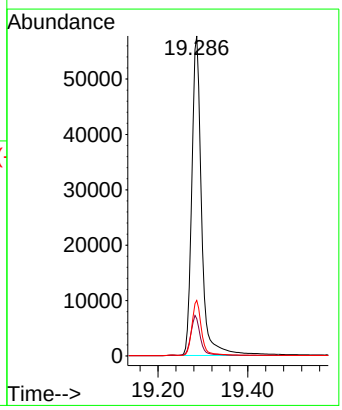


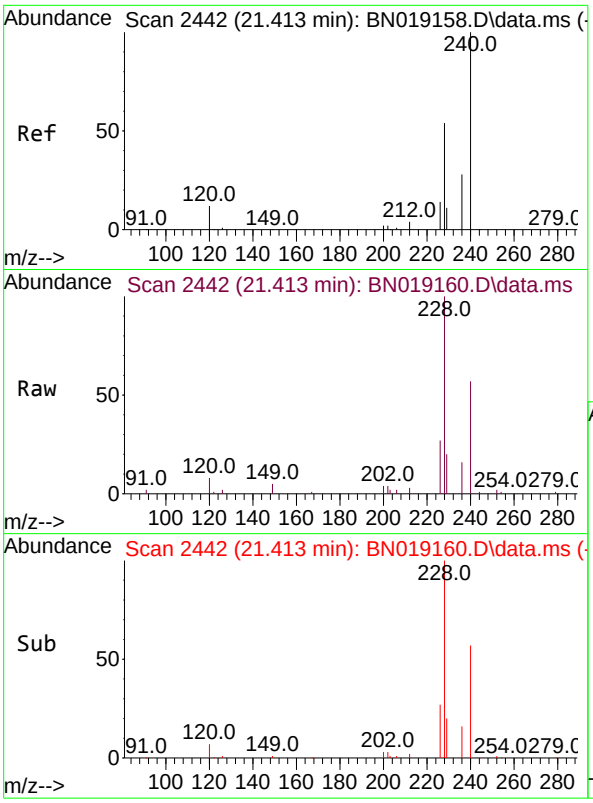


#28
Fluoranthene
Concen: 1.673 ng
RT: 19.286 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:202 Resp: 87654

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
203	16.8	13.7	20.5



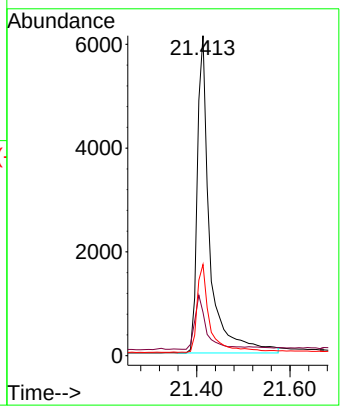


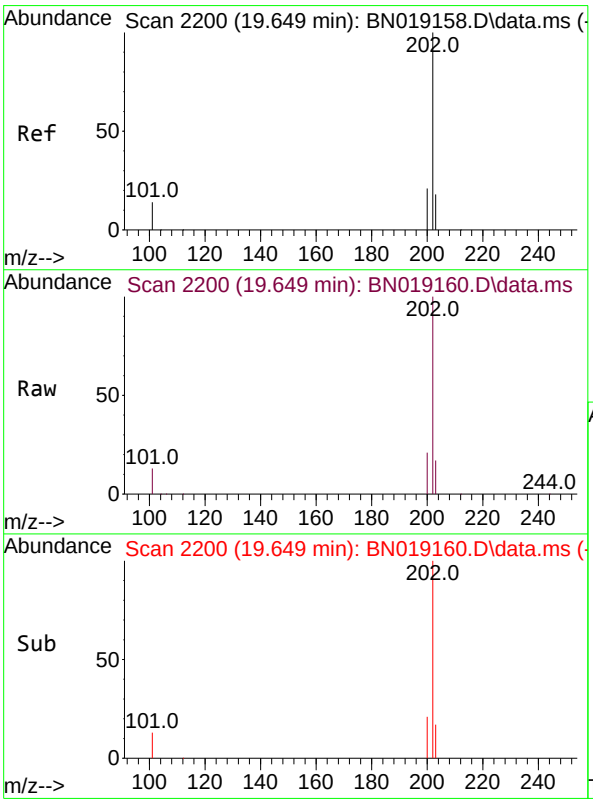
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 11395

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.5	12.7#
236	28.5	22.4	33.6

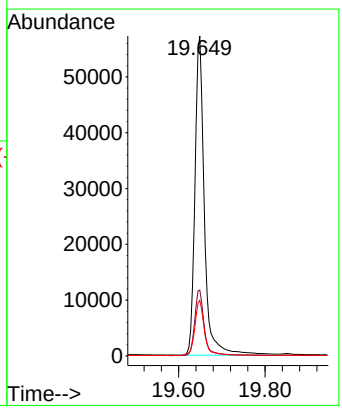


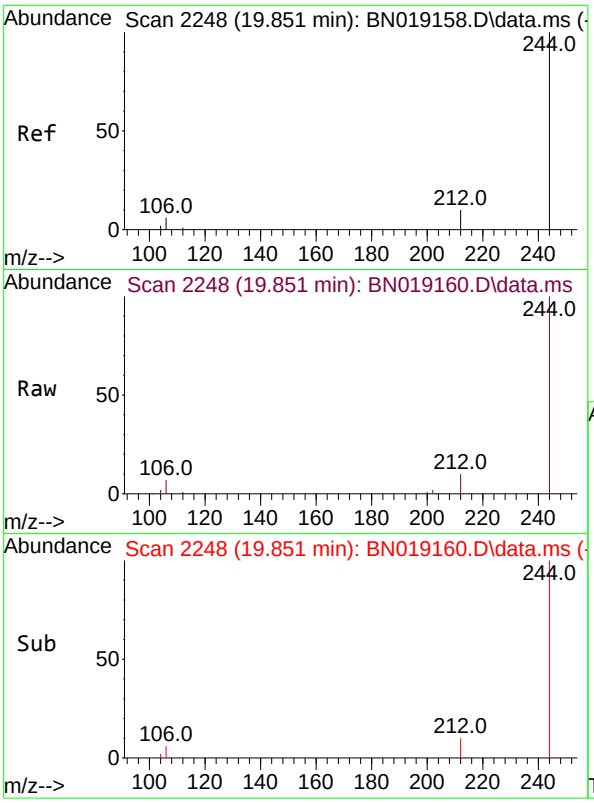


#30
Pyrene
Concen: 1.535 ng
RT: 19.649 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:202 Resp: 87138

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.9	14.2	21.2



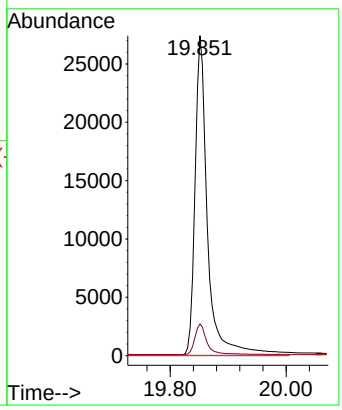


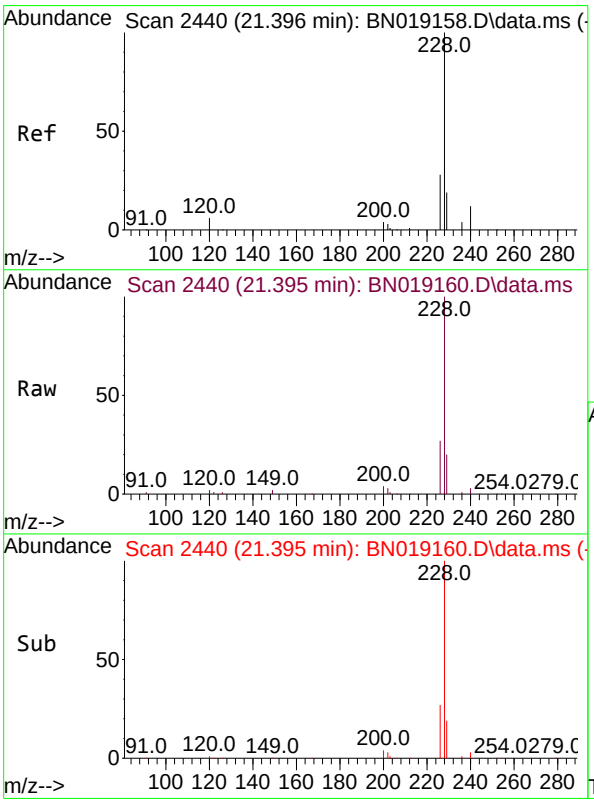
#31
Terphenyl-d14
Concen: 1.448 ng
RT: 19.851 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 40533

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.2	12.4
122	0.0	0.0	0.0

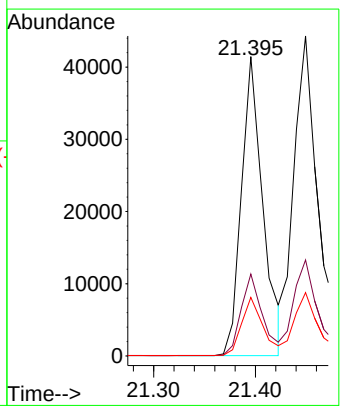


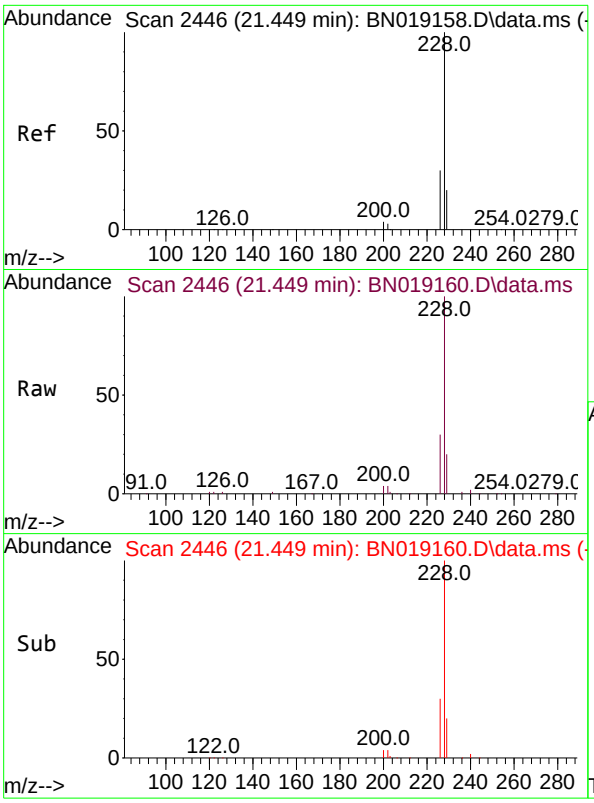


#32
Benzo(a)anthracene
Concen: 1.729 ng
RT: 21.395 min Scan# 2440
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:228 Resp: 60723

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	19.6	16.0	24.0



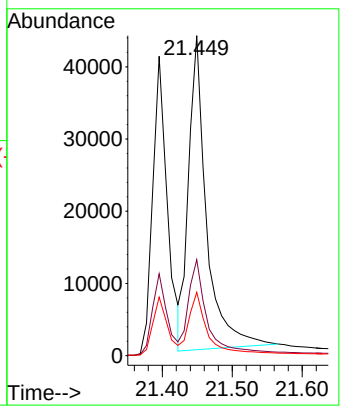


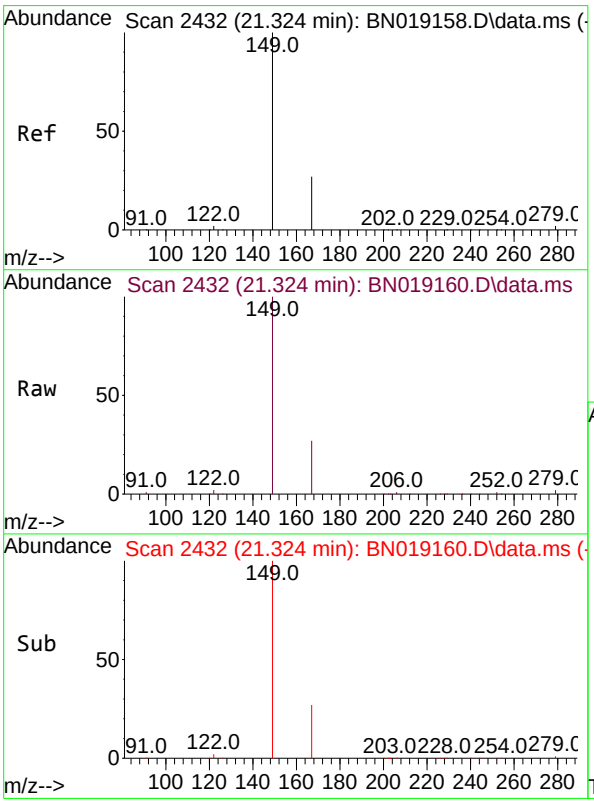
#33
Chrysene
Concen: 1.630 ng
RT: 21.449 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 77205

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	15.9	23.9

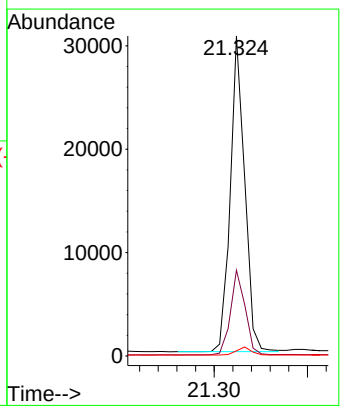


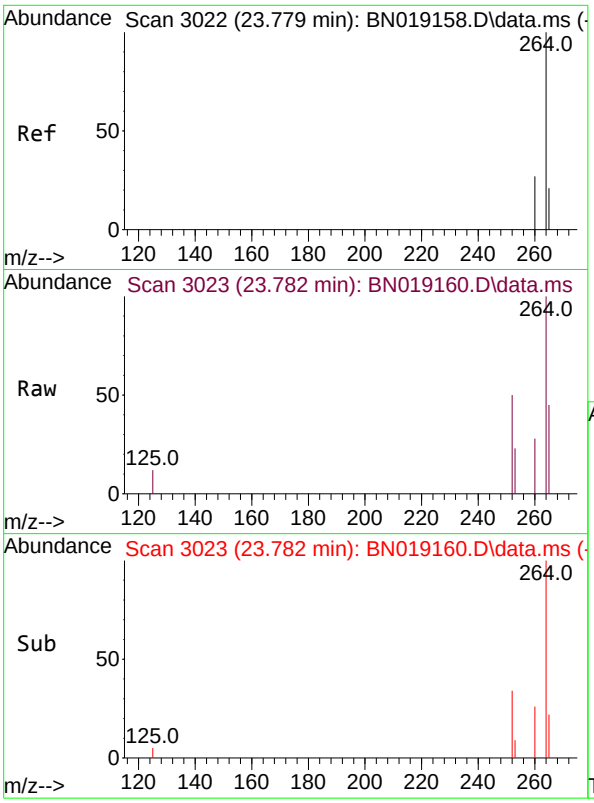


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.409 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:149 Resp: 32796

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	2.6	2.0	3.0



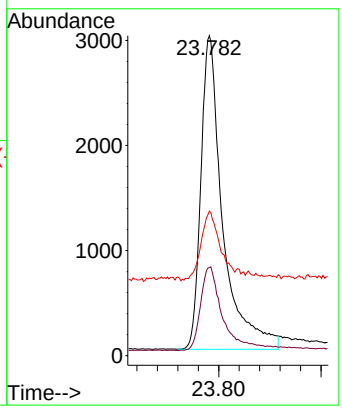


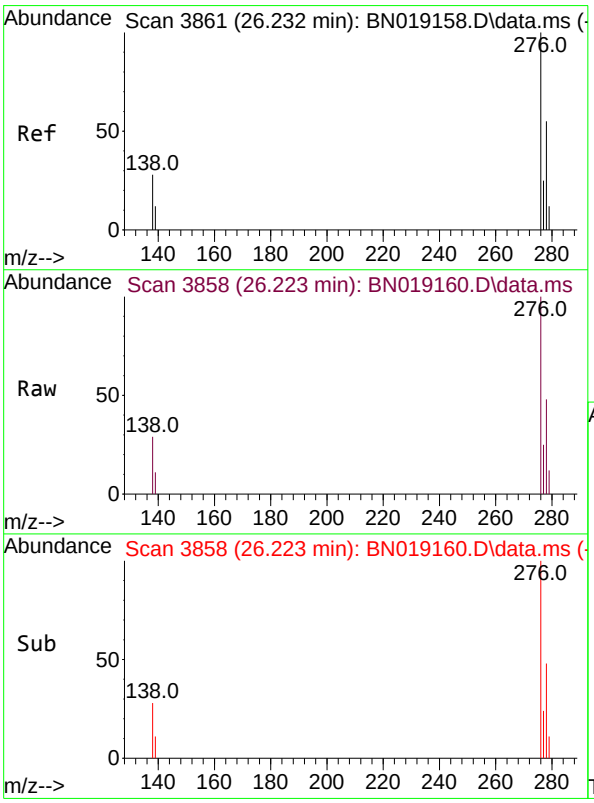
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 8840

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.4	33.6
265	45.2	25.3	37.9#

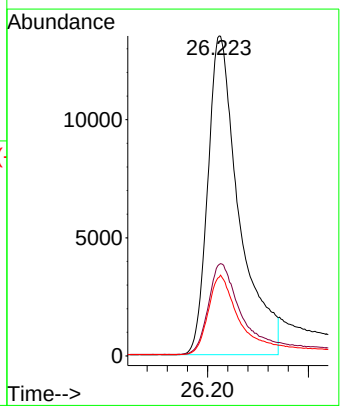


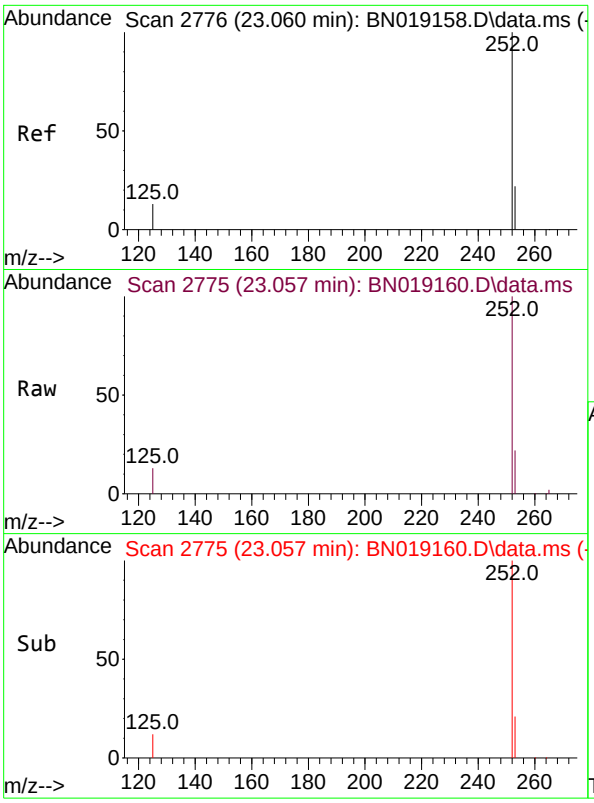


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.823 ng
RT: 26.223 min Scan# 3858
Delta R.T. -0.009 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:276 Resp: 58155

Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.5	36.7
277	24.7	19.8	29.8



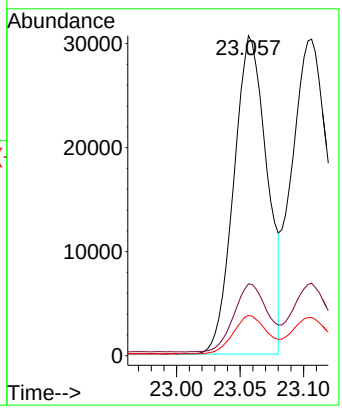


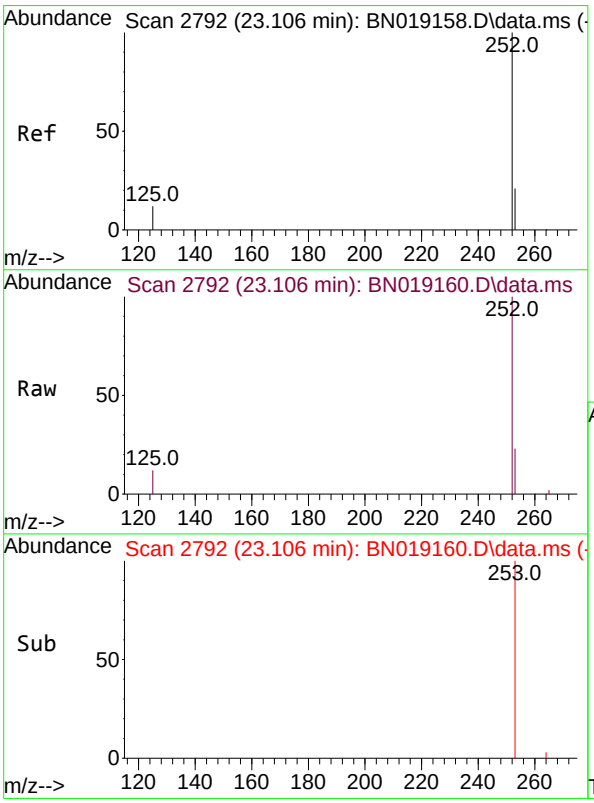
#37
Benzo(b)fluoranthene
Concen: 1.720 ng
RT: 23.057 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 55477

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	12.6	12.1	18.1

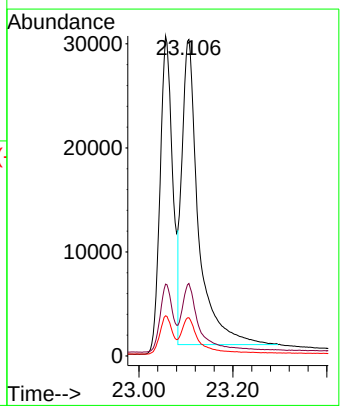


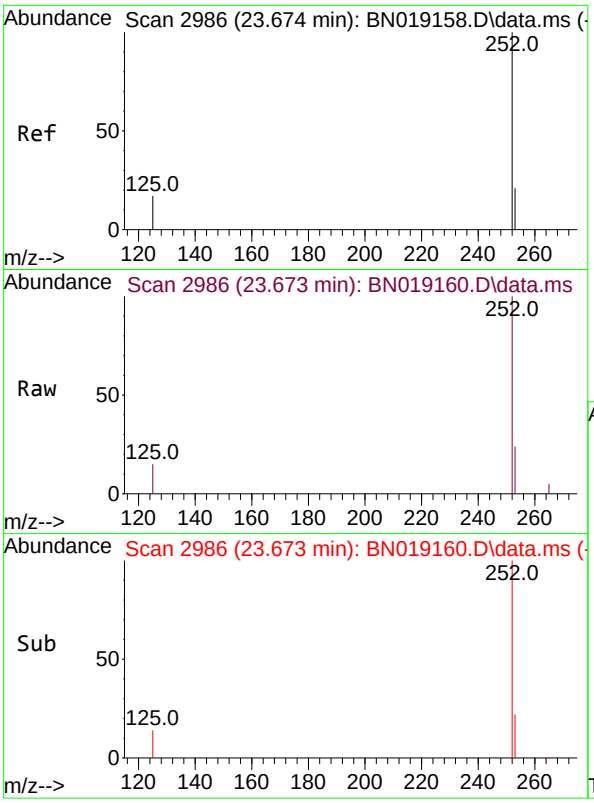


#38
Benzo(k)fluoranthene
Concen: 1.621 ng
RT: 23.106 min Scan# 2792
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:252 Resp: 71645

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.9	28.3
125	12.1	10.3	15.5



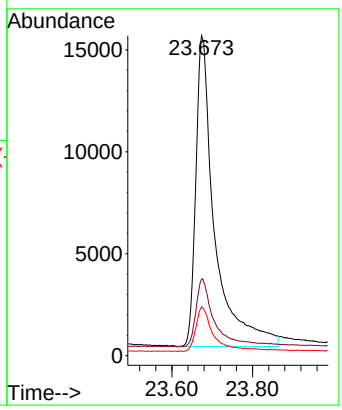


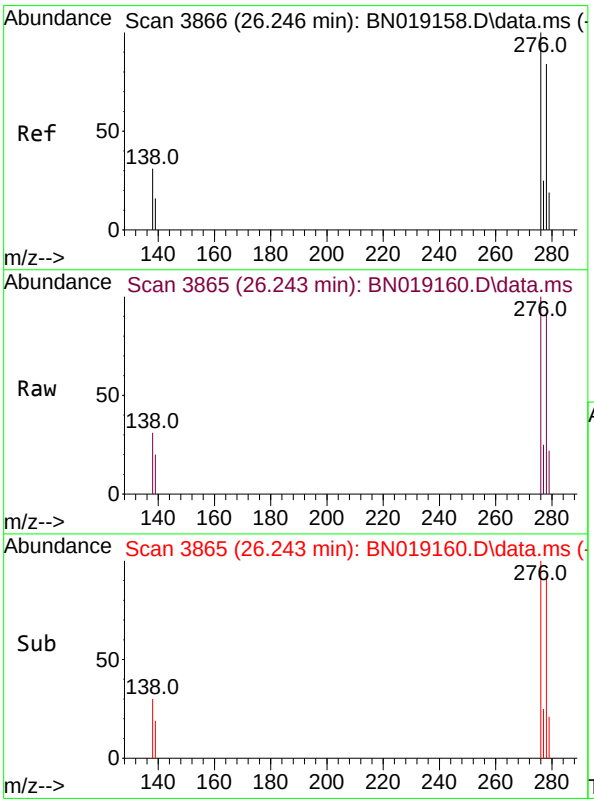
#39
Benzo(a)pyrene
Concen: 1.691 ng
RT: 23.673 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 49622

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.1	30.1
125	15.3	15.2	22.8

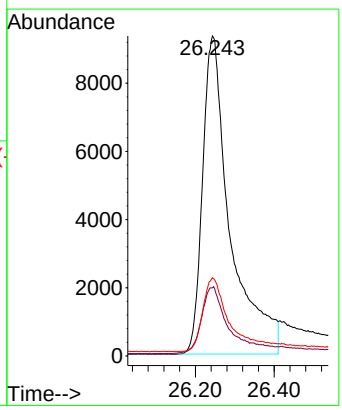


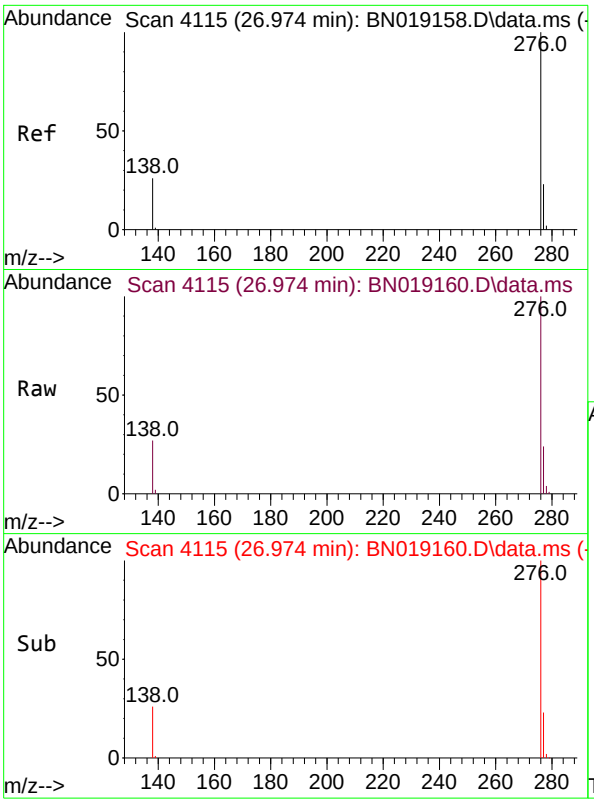


#40
Dibenzo(a,h)anthracene
Concen: 1.825 ng
RT: 26.243 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Tgt Ion:278 Resp: 45357

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.2	25.8
279	24.5	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 1.980 ng
RT: 26.974 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN019160.D
Acq: 25 Mar 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 62022

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	26.7	21.0	31.6