Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023620.D
Acq On : 11 Jan 2023 20:11
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 12 00:00:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 11 23:54:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	4156	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	11806	0.400	ng		0.00
13) Acenaphthene-d10	14.591	164	6833	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	14770	0.400	ng		0.00
29) Chrysene-d12	21.531	240	13824	0.400	ng	#	0.00
35) Perylene-d12	23.958	264	10156	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	13310	1.446	ng		0.00
5) Phenol-d6	7.103	99	17308	1.532	ng		0.00
8) Nitrobenzene-d5	9.110	82	14539	1.574	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	26800	1.558	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	4941	1.475	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	44131	1.630	ng		0.00
27) Fluoranthene-d10	19.376	212	59910	1.659	ng		0.00
31) Terphenyl-d14	19.974	244	55453	1.721	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	6269	1.565	ng		95
3) n-Nitrosodimethylamine	3.665	42	7627	1.580	ng		99
6) bis(2-Chloroethyl)ether	7.370	93	18141	1.655	ng		99
9) Naphthalene	10.808	128	50461	1.673	ng		99
10) Hexachlorobutadiene	11.096	225	10170	1.673	ng	#	99
12) 2-Methylnaphthalene	12.423	142	35651	1.642	ng		99
16) Acenaphthylene	14.313	152	45878	1.615	ng		100
17) Acenaphthene	14.655	154	32250	1.687	ng		98
18) Fluorene	15.639	166	44756	1.681	ng		99
20) 4,6-Dinitro-2-methylph...	15.726	198	3264	1.422	ng	#	71
21) 4-Bromophenyl-phenylether	16.533	248	13594	1.569	ng		98
22) Hexachlorobenzene	16.645	284	16913	1.619	ng		100
23) Atrazine	16.806	200	9611	1.436	ng		97
24) Pentachlorophenol	16.992	266	6288	1.626	ng		98
25) Phenanthrene	17.389	178	70742	1.682	ng		99
26) Anthracene	17.476	178	57617	1.650	ng		100
28) Fluoranthene	19.405	202	82332	1.742	ng		100
30) Pyrene	19.768	202	81625	1.582	ng		100
32) Benzo(a)anthracene	21.522	228	73112	1.587	ng		99
33) Chrysene	21.567	228	77697	1.643	ng		99
34) Bis(2-ethylhexyl)phtha...	21.441	149	30942	1.092	ng		100
36) Indeno(1,2,3-cd)pyrene	26.484	276	78211	2.062	ng		99
37) Benzo(b)fluoranthene	23.215	252	71156	1.824	ng	#	92
38) Benzo(k)fluoranthene	23.265	252	70973	1.851	ng	#	93
39) Benzo(a)pyrene	23.850	252	53711	1.804	ng	#	84
40) Dibenzo(a,h)anthracene	26.504	278	63306	2.190	ng		96
41) Benzo(g,h,i)perylene	27.262	276	63852	1.912	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023620.D
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Operator : CG/JU
Sample : SSTDICC1.6
Misc :
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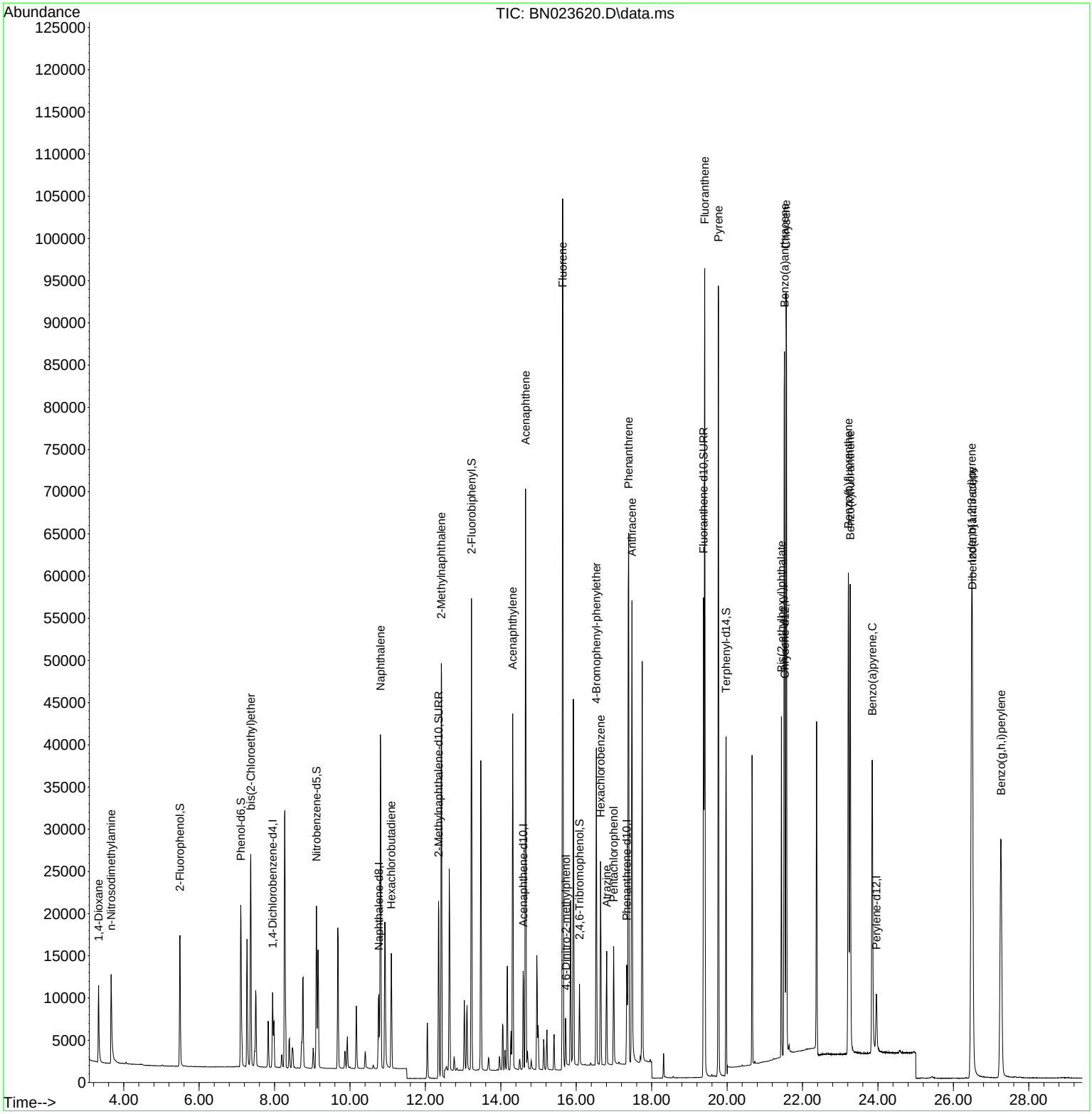
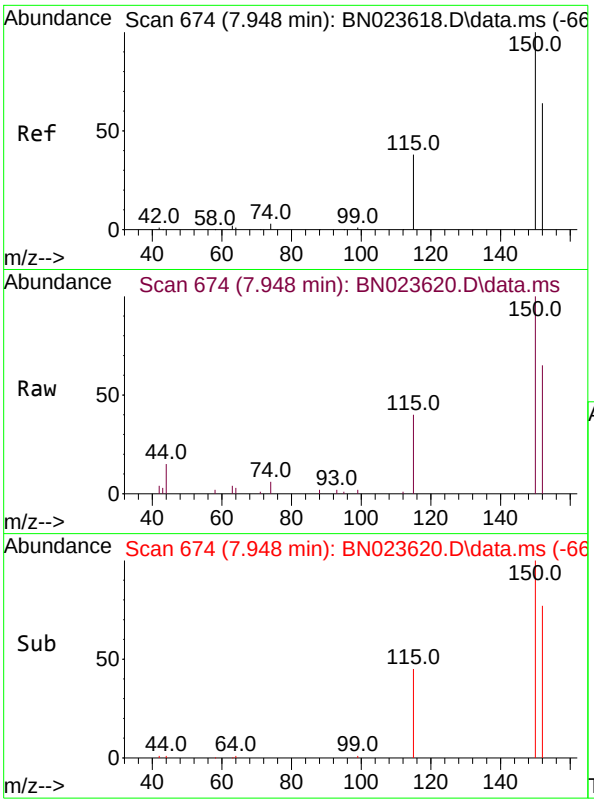
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jan 12 00:00:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 11 23:54:56 2023
Response via : Initial Calibration



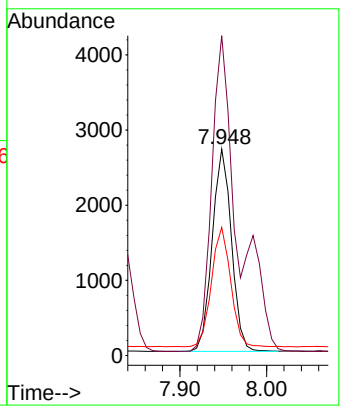


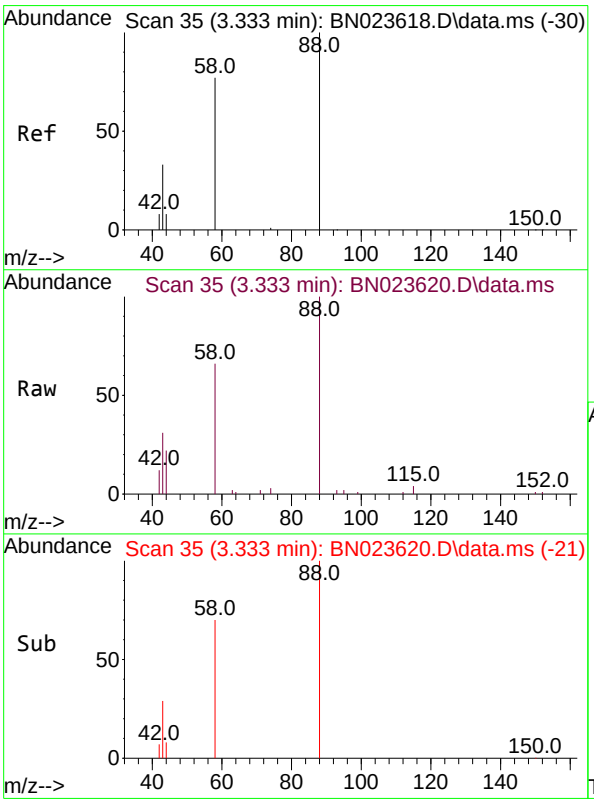
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 4156

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	62.1	50.6	75.8

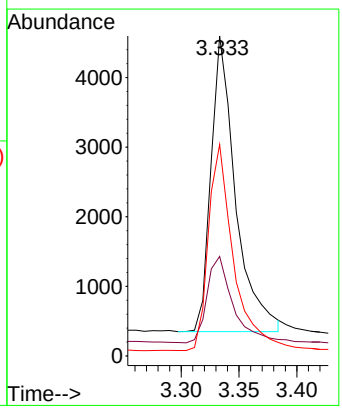


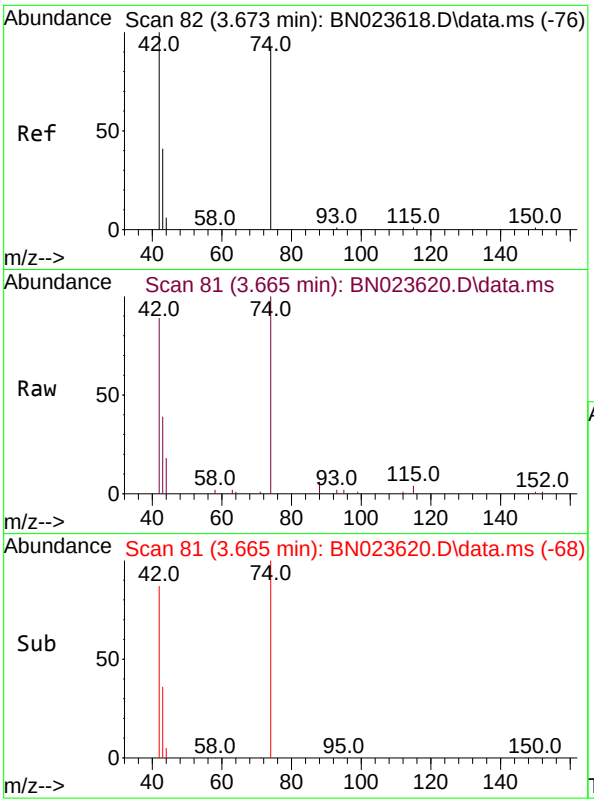


#2
1,4-Dioxane
Concen: 1.565 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion: 88 Resp: 6269

Ion	Ratio	Lower	Upper
88	100		
43	30.6	26.2	39.2
58	70.9	60.6	90.8



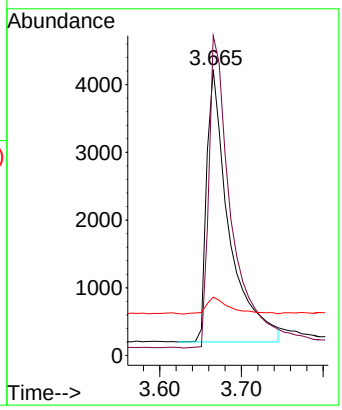


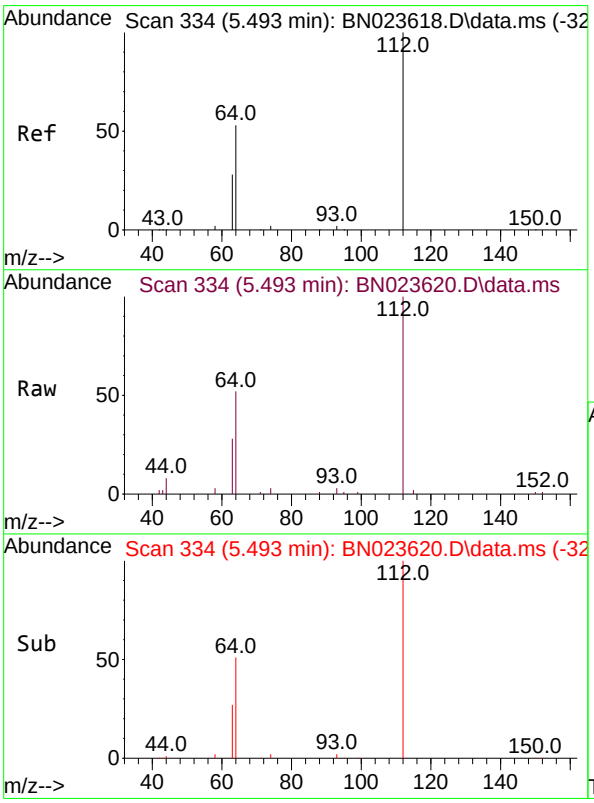
#3
n-Nitrosodimethylamine
Concen: 1.580 ng
RT: 3.665 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 7627

Ion	Ratio	Lower	Upper
42	100		
74	116.3	92.1	138.1
44	6.4	5.4	8.0

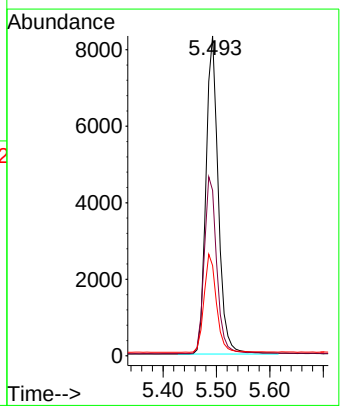


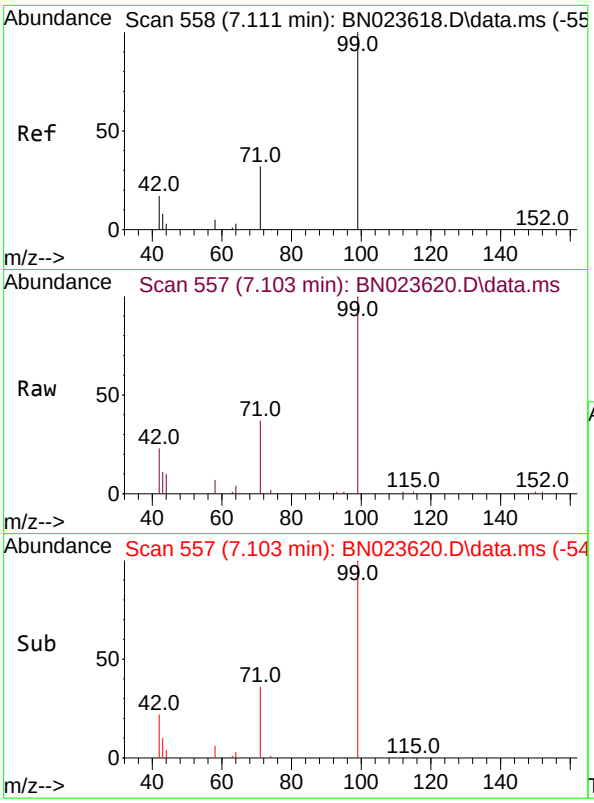


#4
2-Fluorophenol
Concen: 1.446 ng
RT: 5.493 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:112 Resp: 13310

Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.9	67.3
63	31.1	24.9	37.3



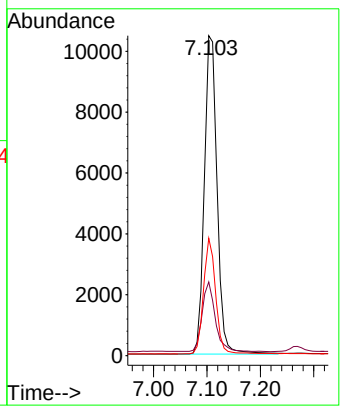


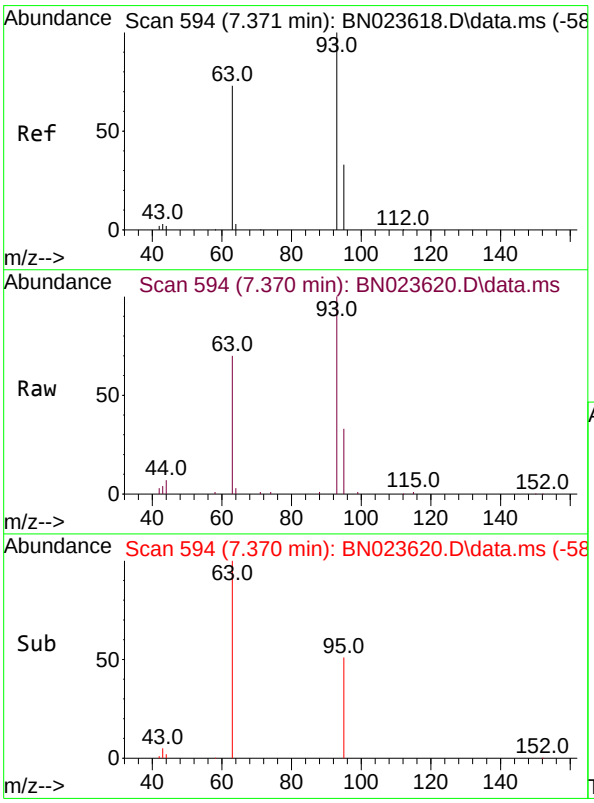
#5
Phenol-d6
Concen: 1.532 ng
RT: 7.103 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 17308

Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.8	28.2
71	34.5	28.2	42.4

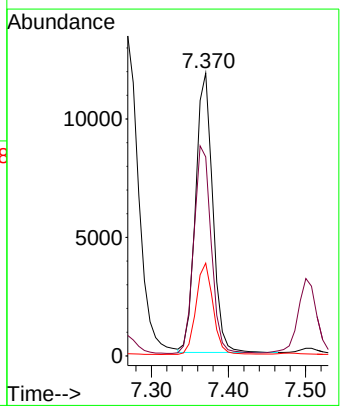


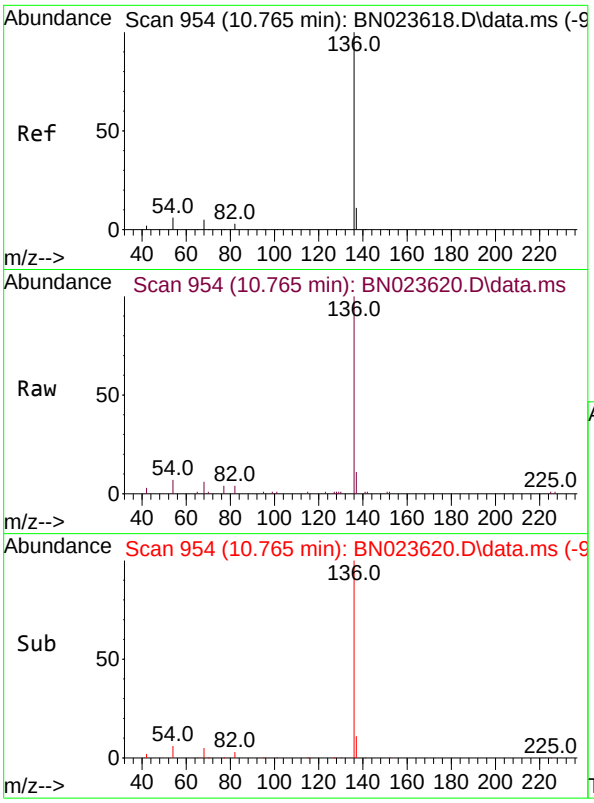


#6
bis(2-Chloroethyl)ether
Concen: 1.655 ng
RT: 7.370 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion: 93 Resp: 18141

Ion	Ratio	Lower	Upper
93	100		
63	75.4	59.6	89.4
95	32.4	25.3	37.9



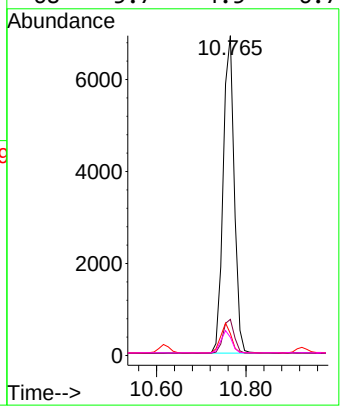


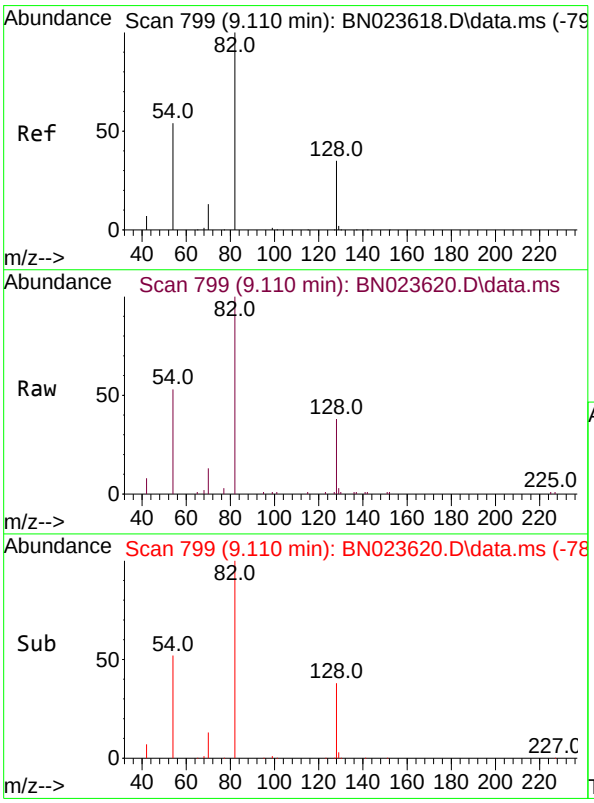
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 11806

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.9	5.7	8.5
68	5.7	4.5	6.7

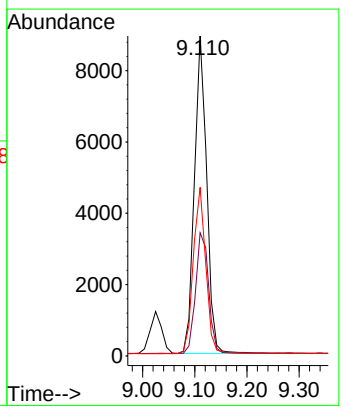


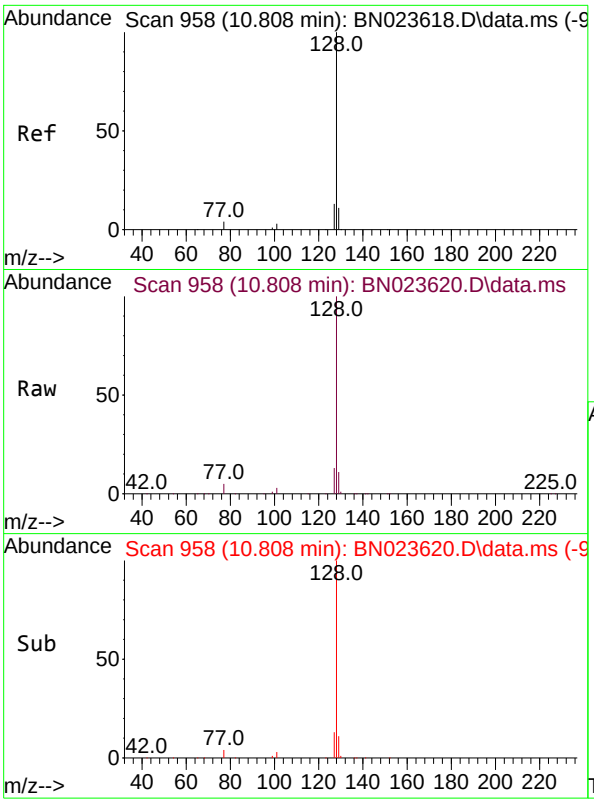


#8
Nitrobenzene-d5
Concen: 1.574 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion: 82 Resp: 14539

Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.8	44.8
54	52.7	43.9	65.9



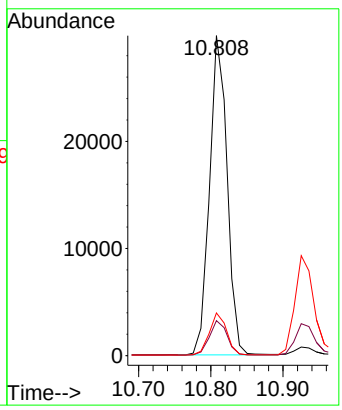


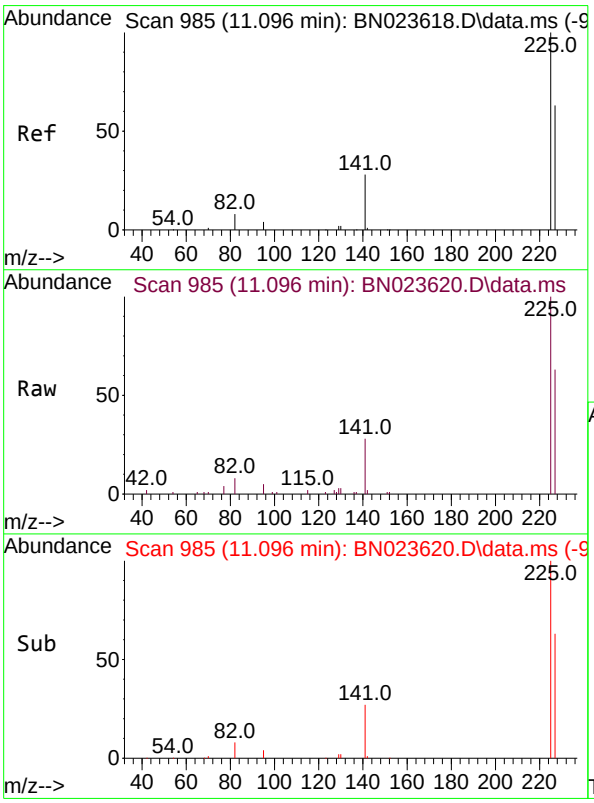
#9
Naphthalene
Concen: 1.673 ng
RT: 10.808 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 50461

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.3	11.0	16.4

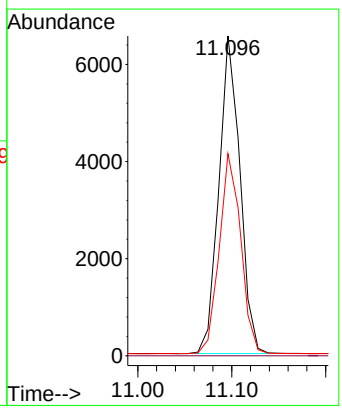


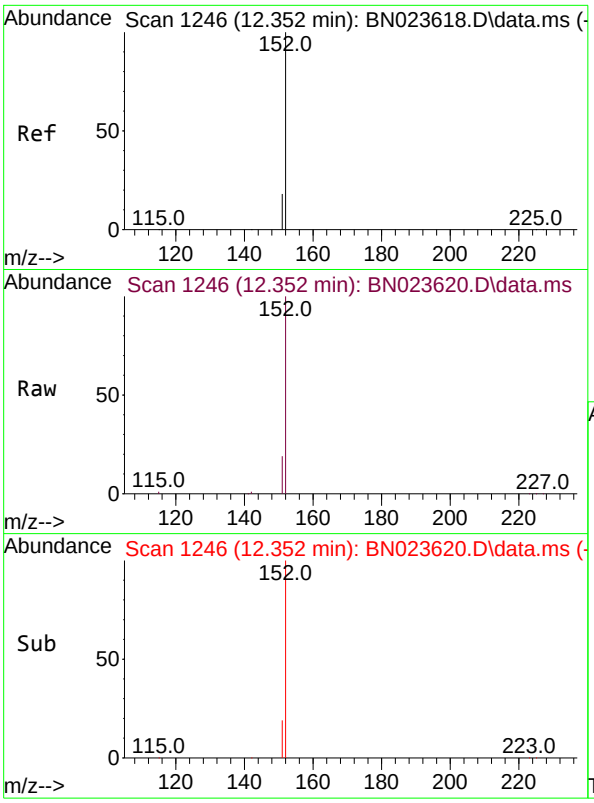


#10
Hexachlorobutadiene
Concen: 1.673 ng
RT: 11.096 min Scan# 985
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:225 Resp: 10170

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.8	77.6



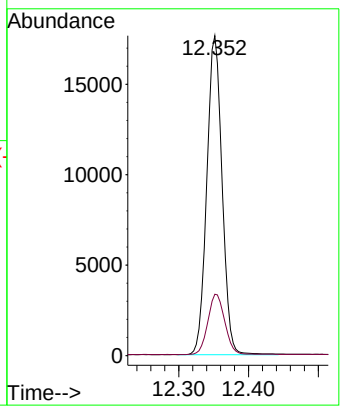


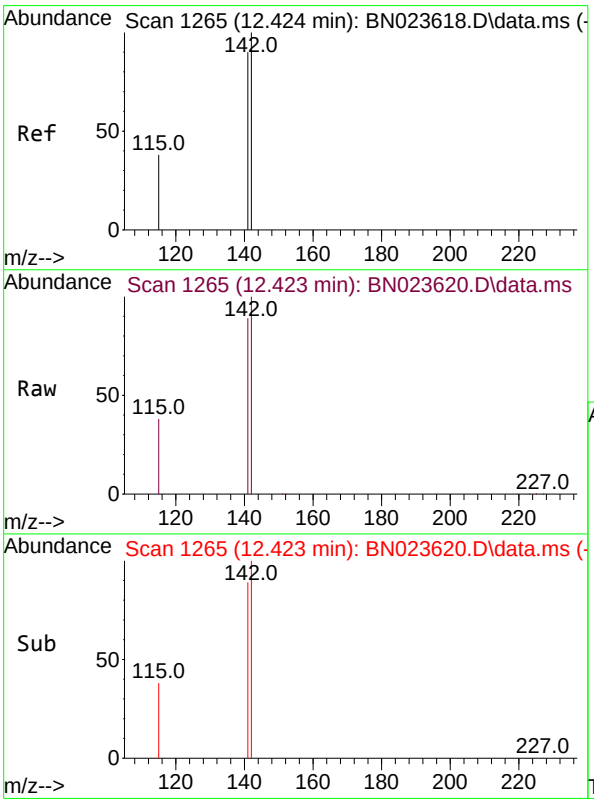
#11
2-Methylnaphthalene-d10
Concen: 1.558 ng
RT: 12.352 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 26800

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3

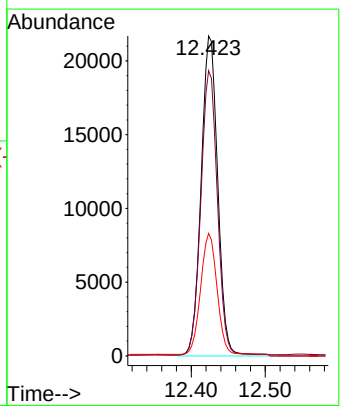


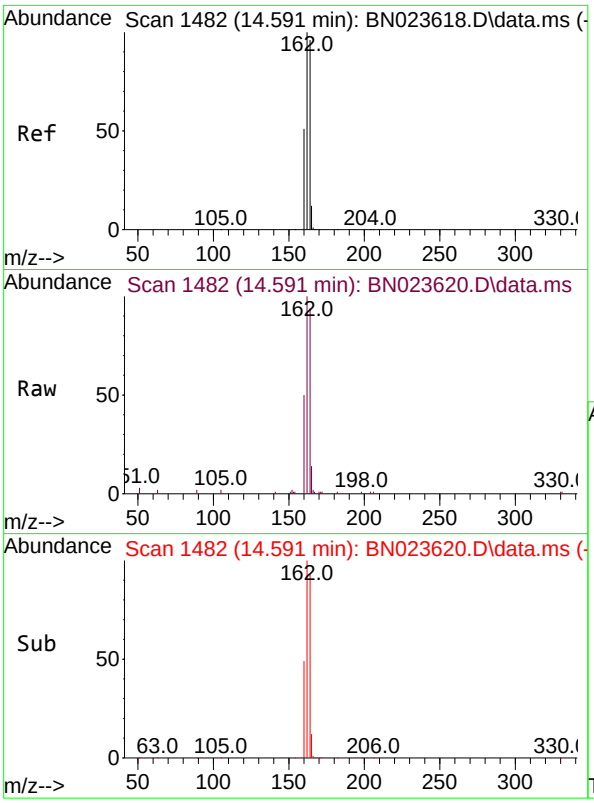


#12
2-Methylnaphthalene
Concen: 1.642 ng
RT: 12.423 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:142 Resp: 35651

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.0	108.0
115	38.3	31.7	47.5



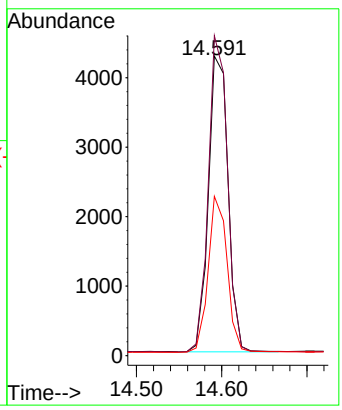


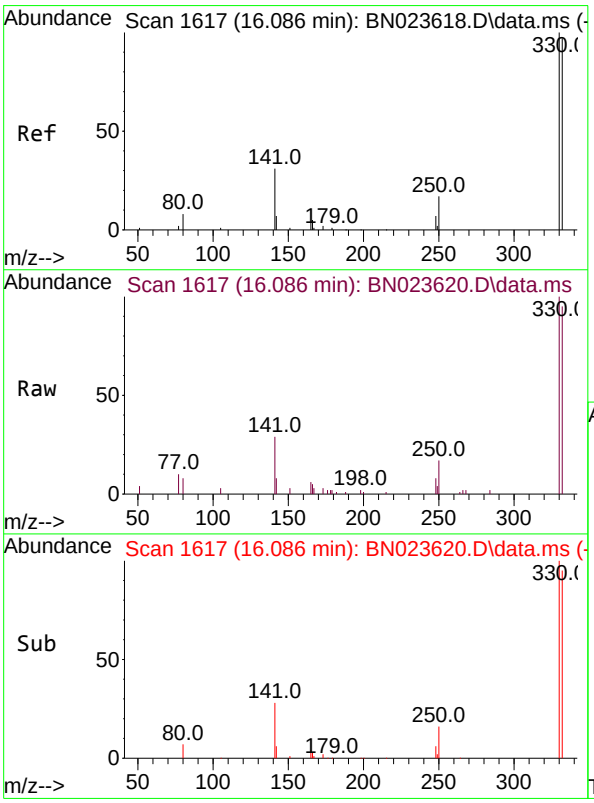
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.591 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 6833

Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.4	125.2
160	53.2	42.7	64.1

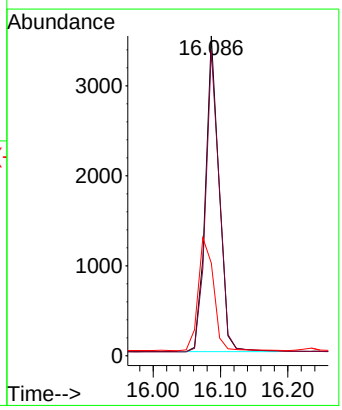


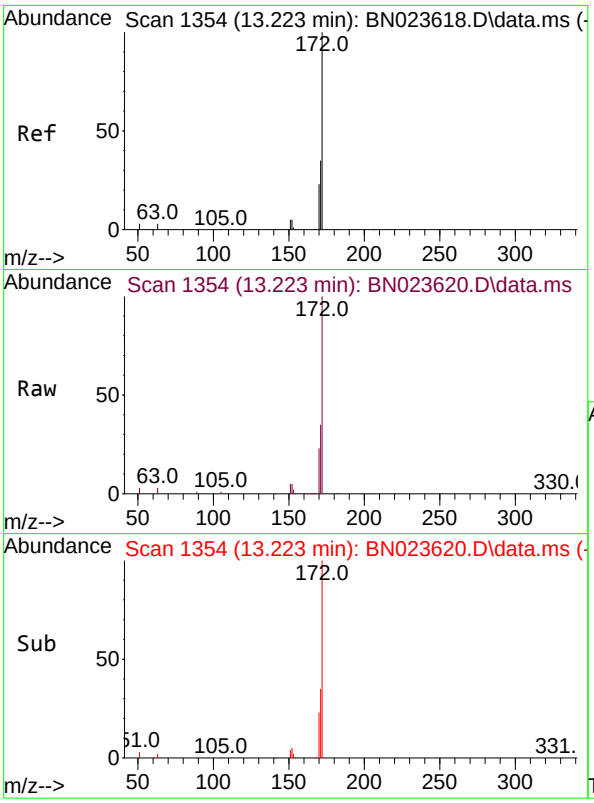


#14
2,4,6-Tribromophenol
Concen: 1.475 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:330 Resp: 4941

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.1	117.1
141	40.4	33.4	50.0



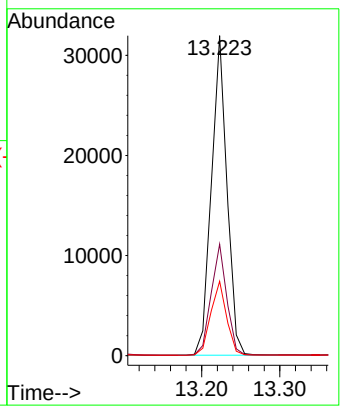


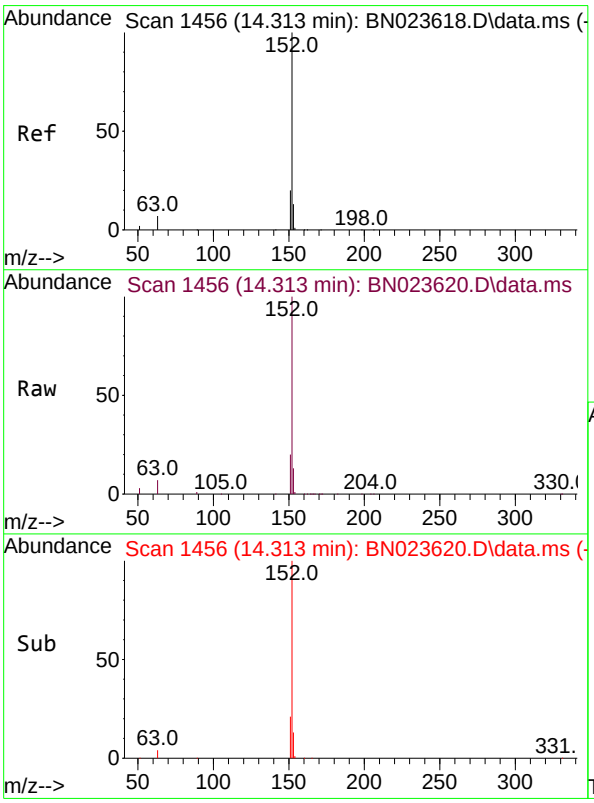
#15
2-Fluorobiphenyl
Concen: 1.630 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 44131

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.2	19.0	28.4

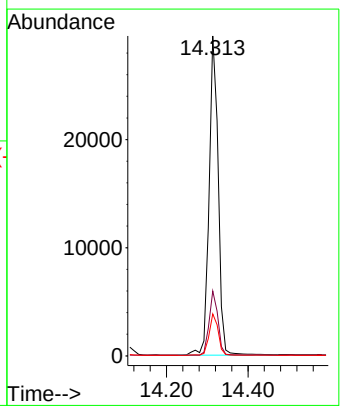


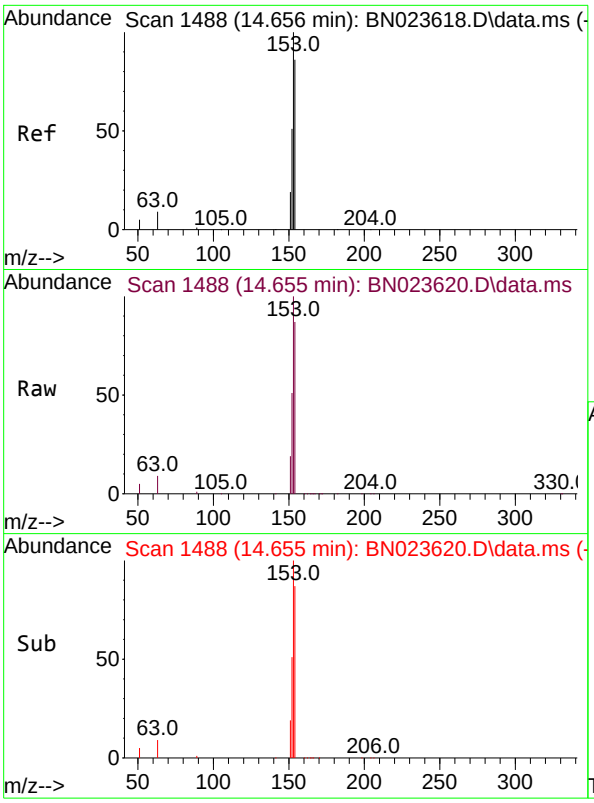


#16
Acenaphthylene
Concen: 1.615 ng
RT: 14.313 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:152 Resp: 45878

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.5	15.7



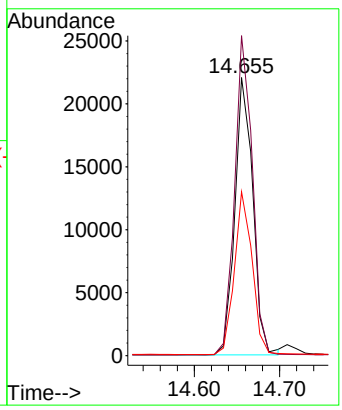


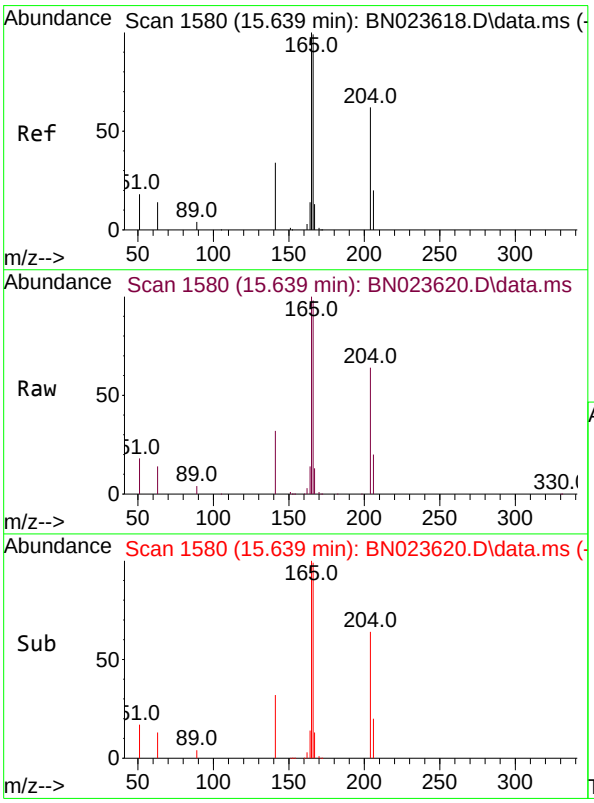
#17
Acenaphthene
Concen: 1.687 ng
RT: 14.655 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 32250

Ion	Ratio	Lower	Upper
154	100		
153	113.6	92.4	138.6
152	58.3	48.2	72.2

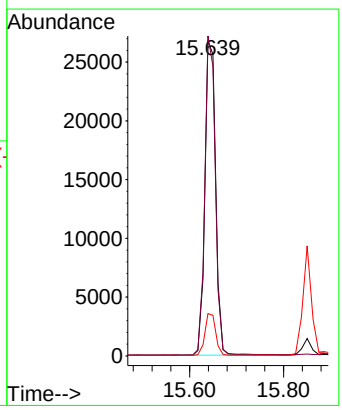


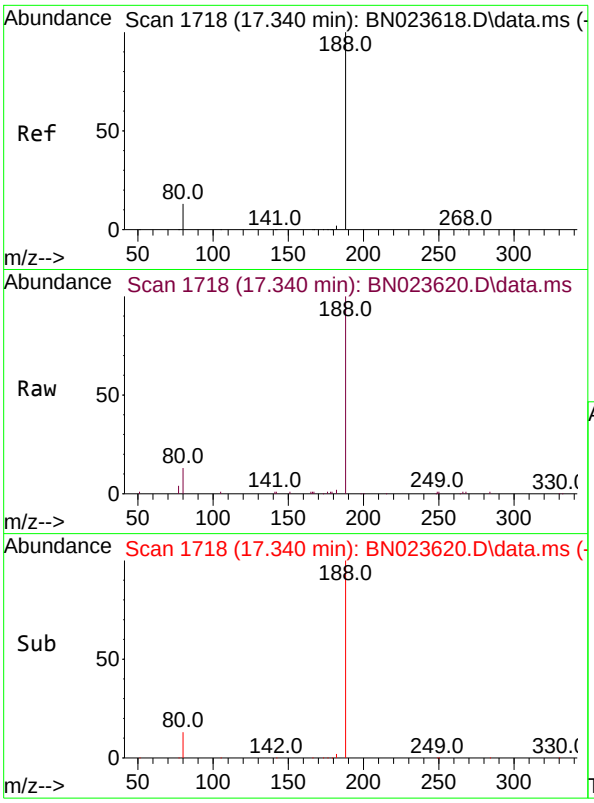


#18
Fluorene
Concen: 1.681 ng
RT: 15.639 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:166 Resp: 44756

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.4	120.6
167	12.6	10.6	16.0



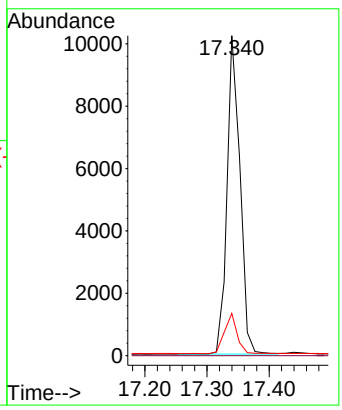


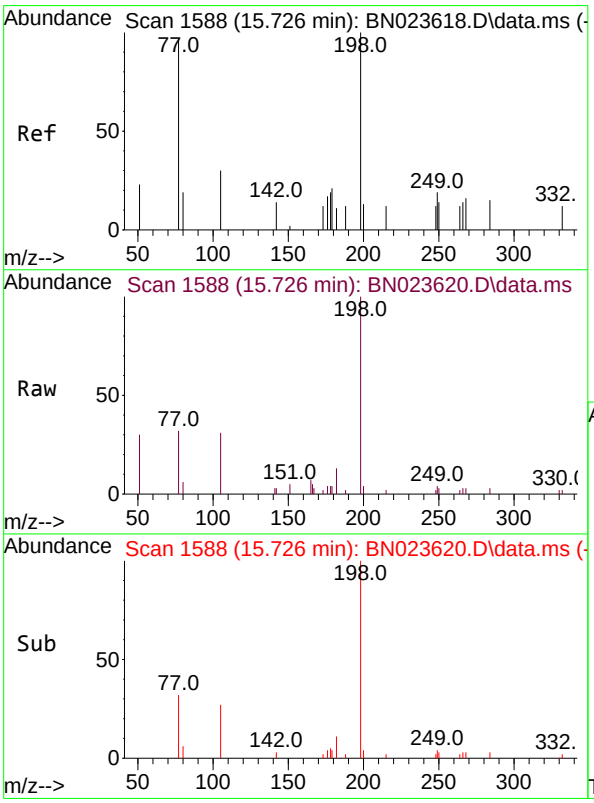
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 14770

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	11.0	16.4

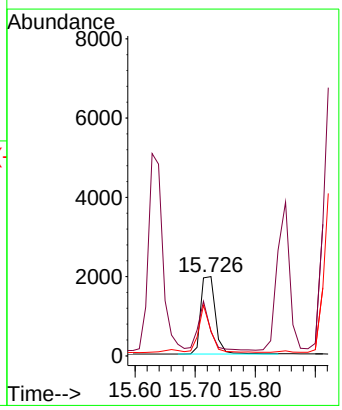


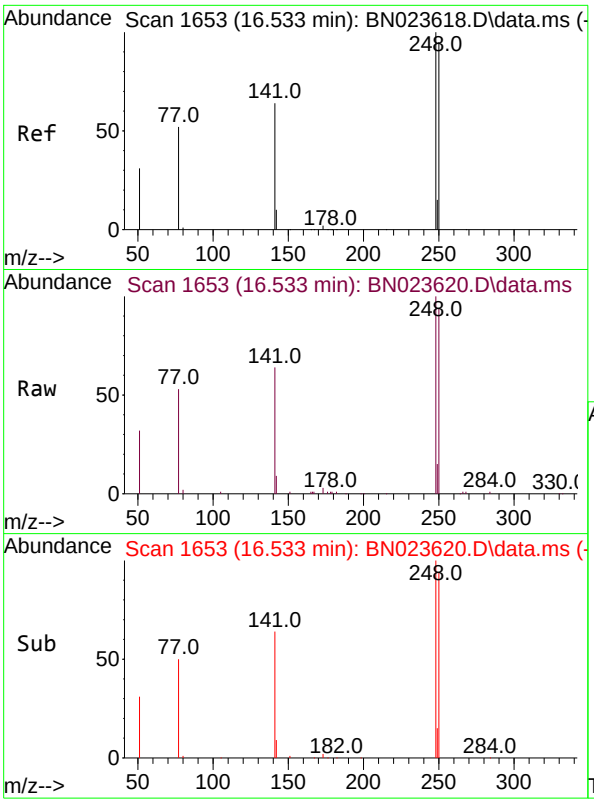


#20
4,6-Dinitro-2-methylphenol
Concen: 1.422 ng
RT: 15.726 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:198 Resp: 3264

Ion	Ratio	Lower	Upper
198	100		
51	30.4	44.9	67.3#
105	31.4	37.0	55.4#



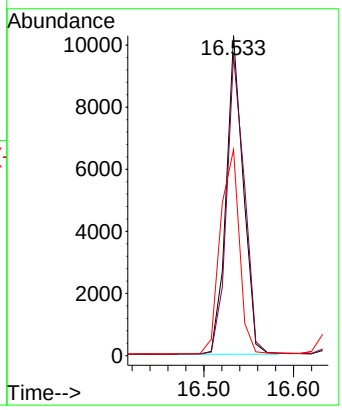


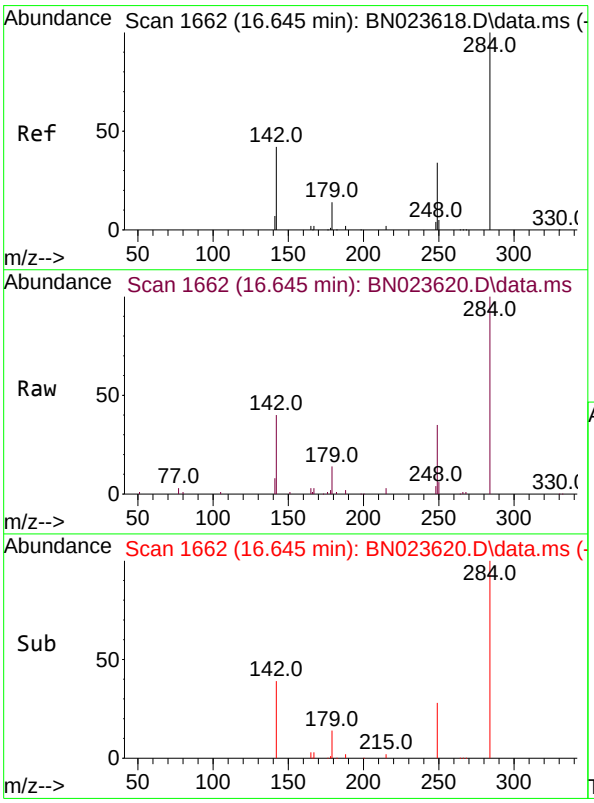
#21
4-Bromophenyl-phenylether
Concen: 1.569 ng
RT: 16.533 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 13594

Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.6	114.8
141	64.4	52.3	78.5

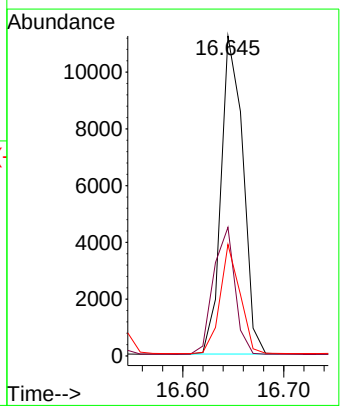


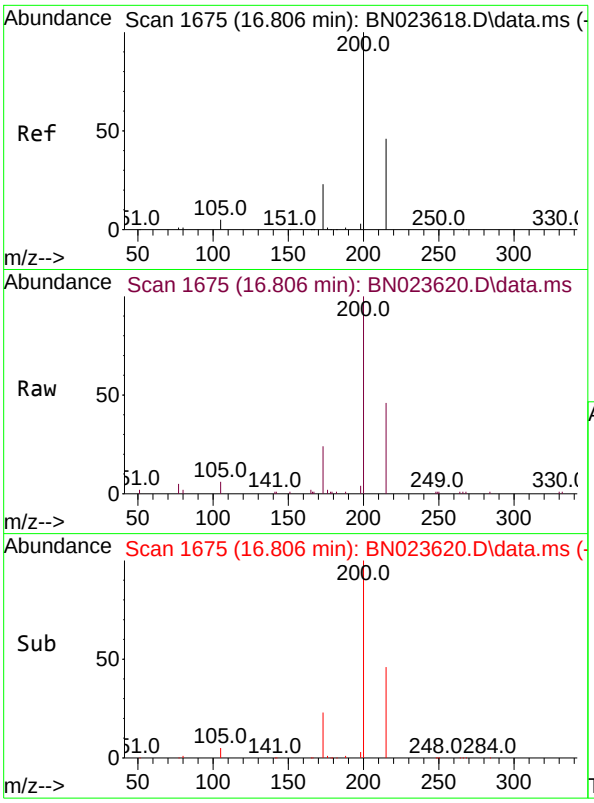


#22
Hexachlorobenzene
Concen: 1.619 ng
RT: 16.645 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:284 Resp: 16913

Ion	Ratio	Lower	Upper
284	100		
142	39.2	31.4	47.2
249	31.1	24.9	37.3



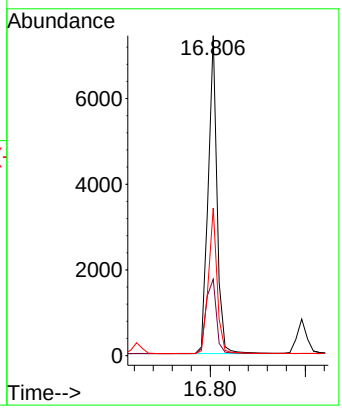


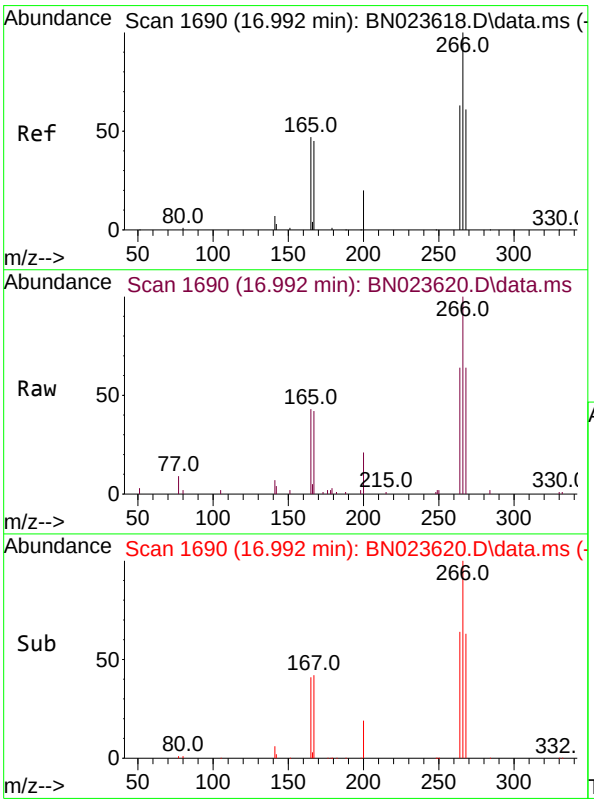
#23
Atrazine
Concen: 1.436 ng
RT: 16.806 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 9611

Ion	Ratio	Lower	Upper
200	100		
173	23.9	20.4	30.6
215	46.1	38.1	57.1

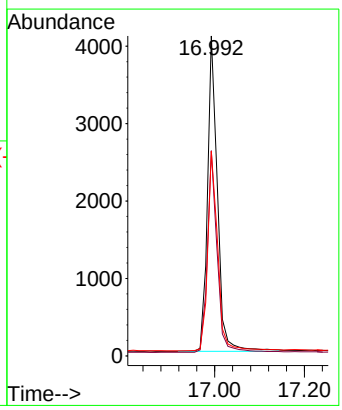


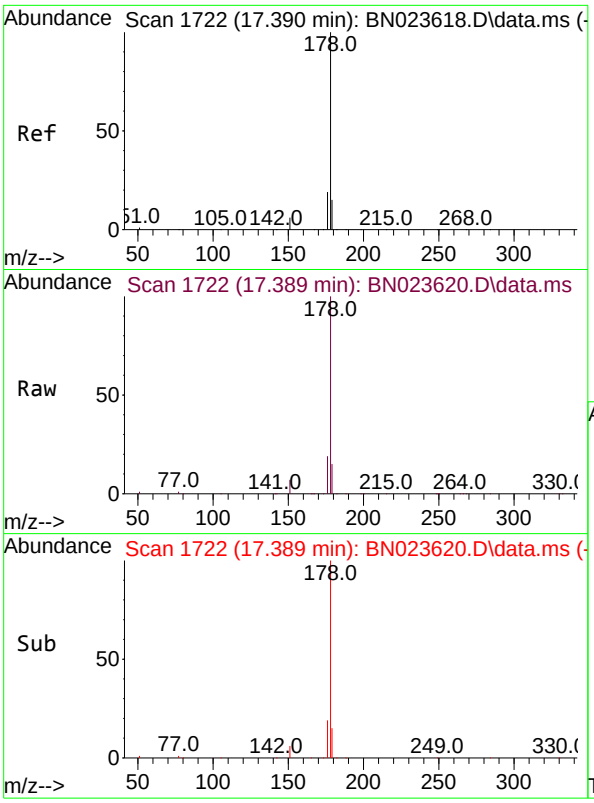


#24
Pentachlorophenol
Concen: 1.626 ng
RT: 16.992 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:266 Resp: 6288

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.7	74.5
268	64.1	49.3	73.9



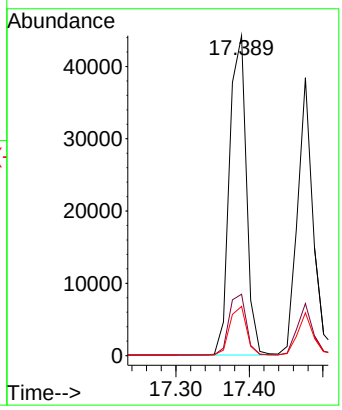


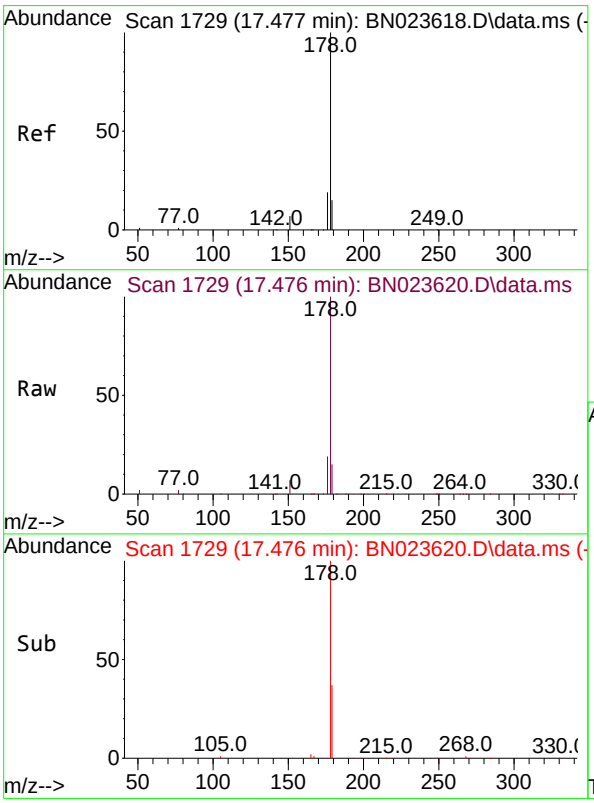
#25
Phenanthrene
Concen: 1.682 ng
RT: 17.389 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 70742

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.2	12.5	18.7

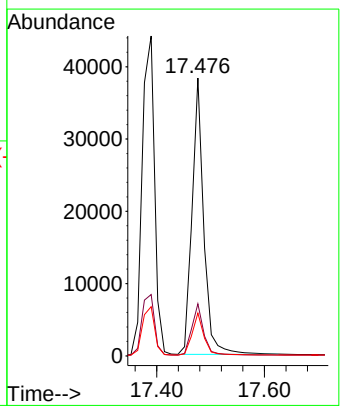


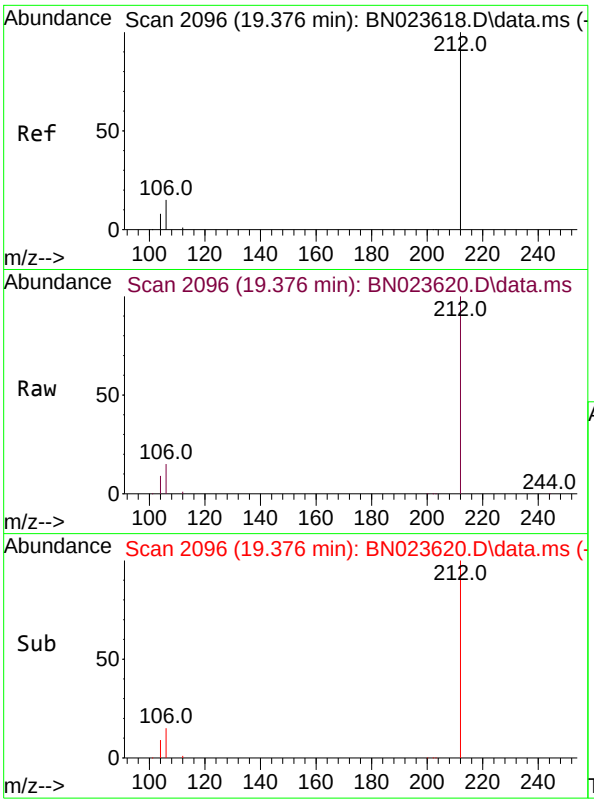


#26
Anthracene
Concen: 1.650 ng
RT: 17.476 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:178 Resp: 57617

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.2	18.2



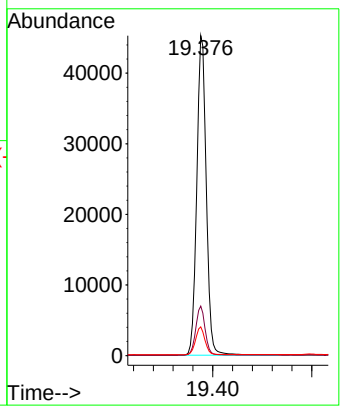


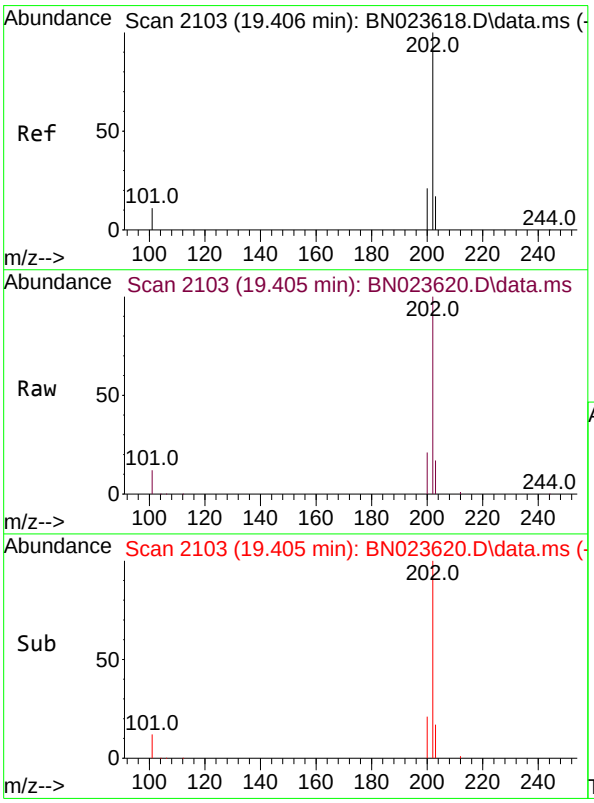
#27
Fluoranthene-d10
Concen: 1.659 ng
RT: 19.376 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 59910

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.2	18.4
104	8.6	7.1	10.7

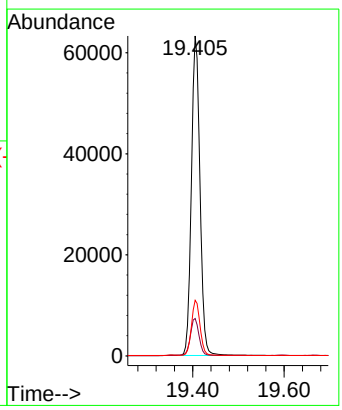


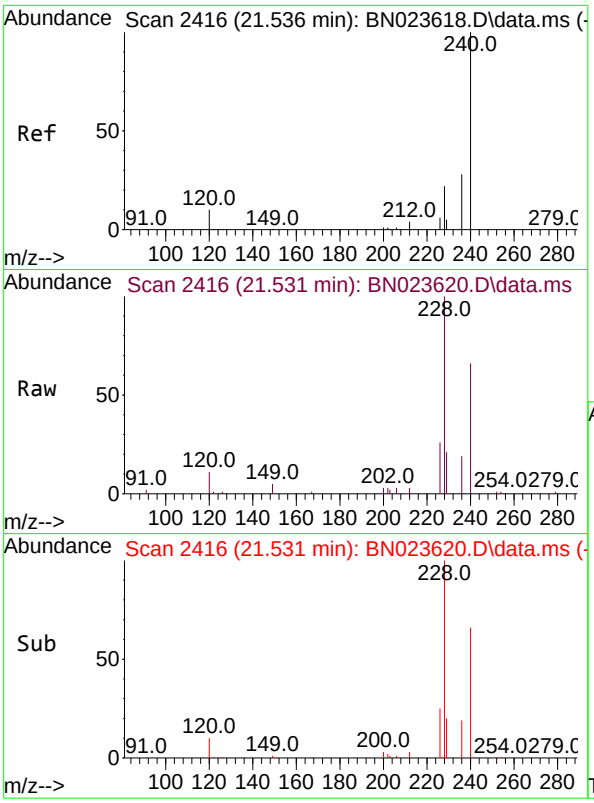


#28
Fluoranthene
Concen: 1.742 ng
RT: 19.405 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:202 Resp: 82332

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
203	17.2	13.8	20.6



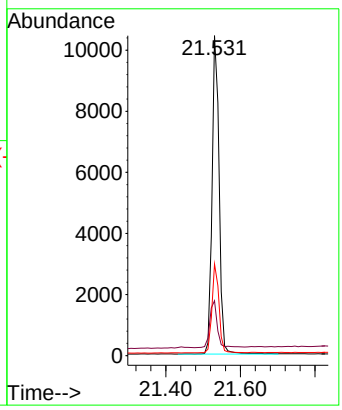


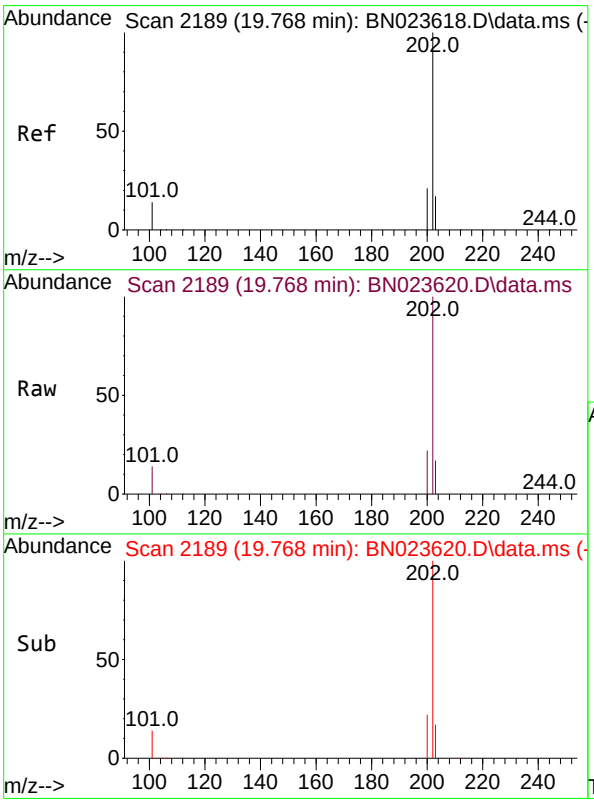
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.531 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 13824

Ion	Ratio	Lower	Upper
240	100		
120	17.1	10.6	15.8#
236	28.6	23.0	34.6

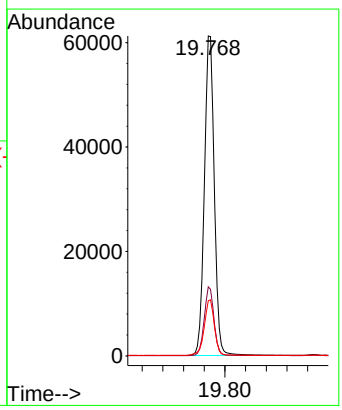


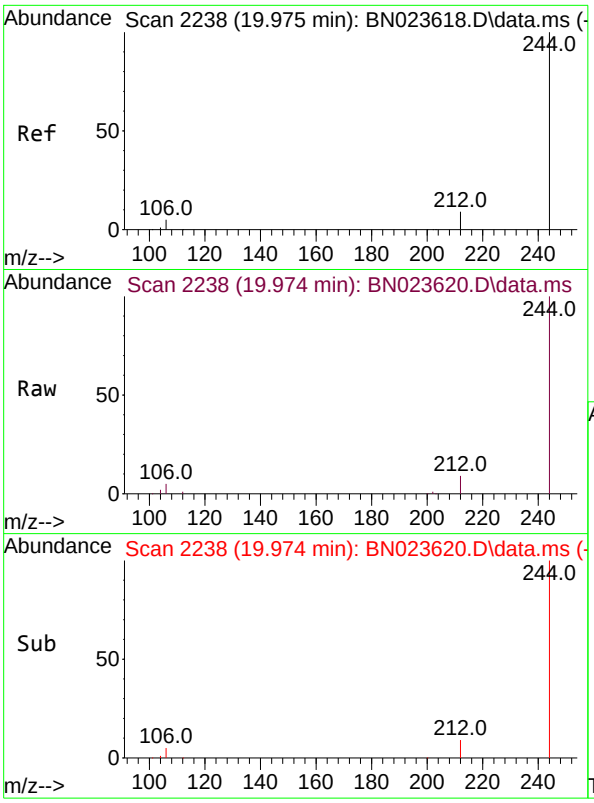


#30
Pyrene
Concen: 1.582 ng
RT: 19.768 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:202 Resp: 81625

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.8	14.2	21.2



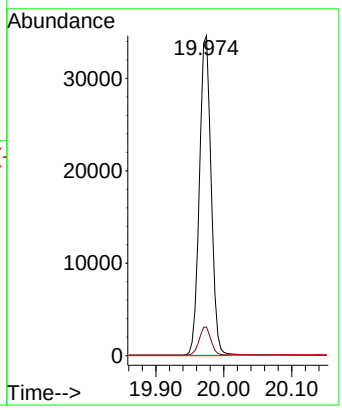


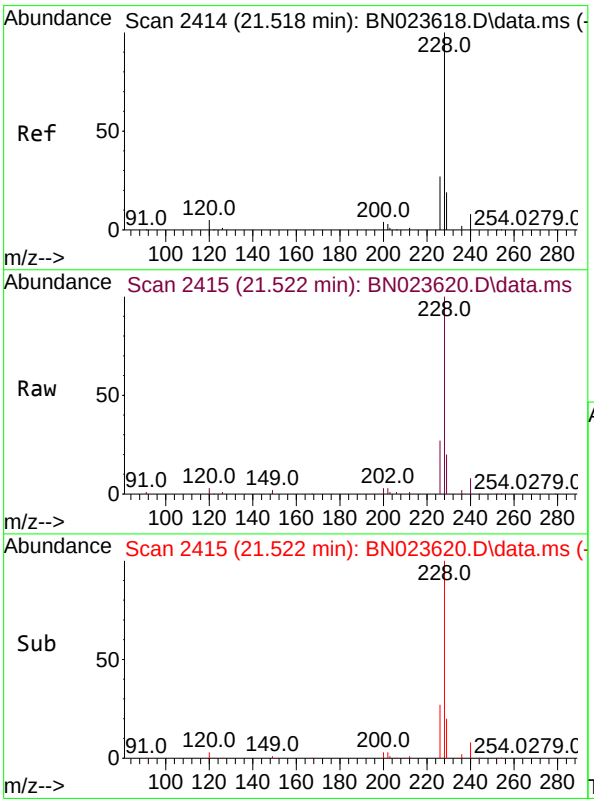
#31
Terphenyl-d14
Concen: 1.721 ng
RT: 19.974 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 55453

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.5	11.3
122	0.0	0.0	0.0

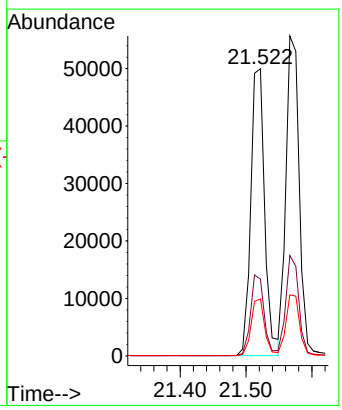


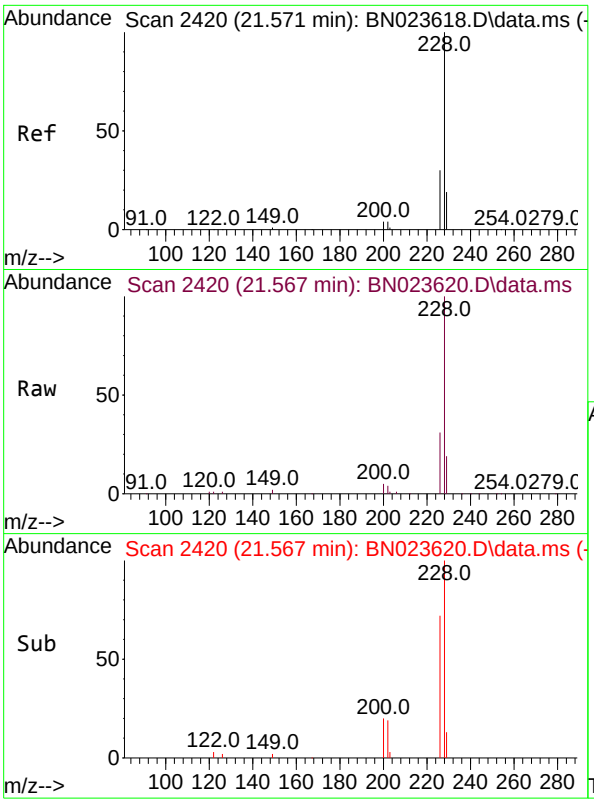


#32
Benzo(a)anthracene
Concen: 1.587 ng
RT: 21.522 min Scan# 2415
Delta R.T. 0.004 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:228 Resp: 73112

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.2
229	19.8	15.7	23.5



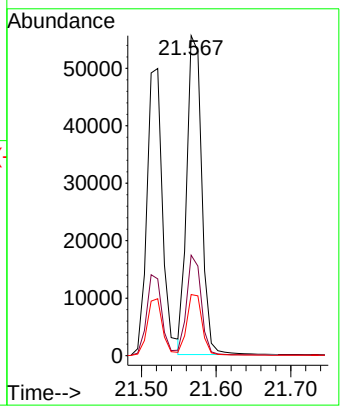


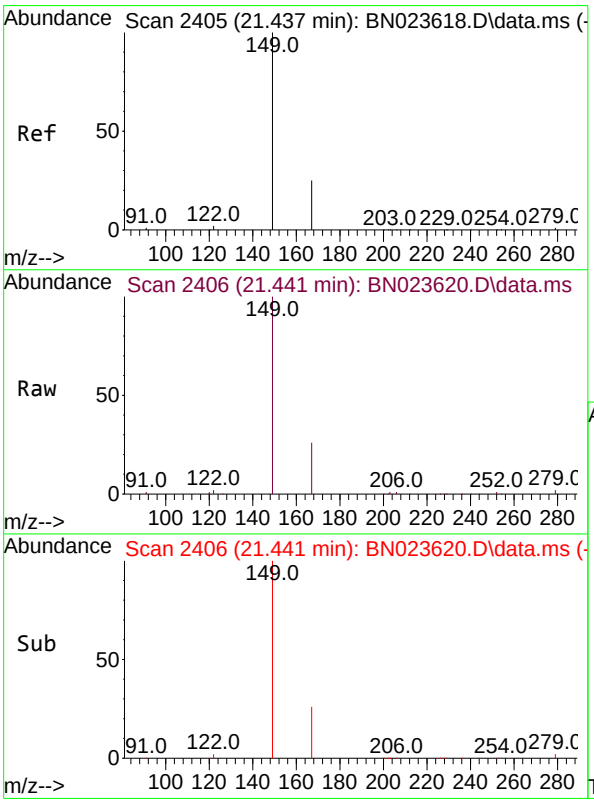
#33
Chrysene
Concen: 1.643 ng
RT: 21.567 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 77697

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	19.1	15.6	23.4

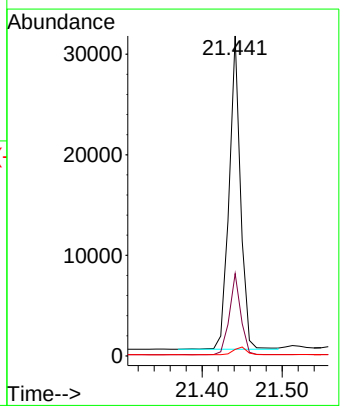


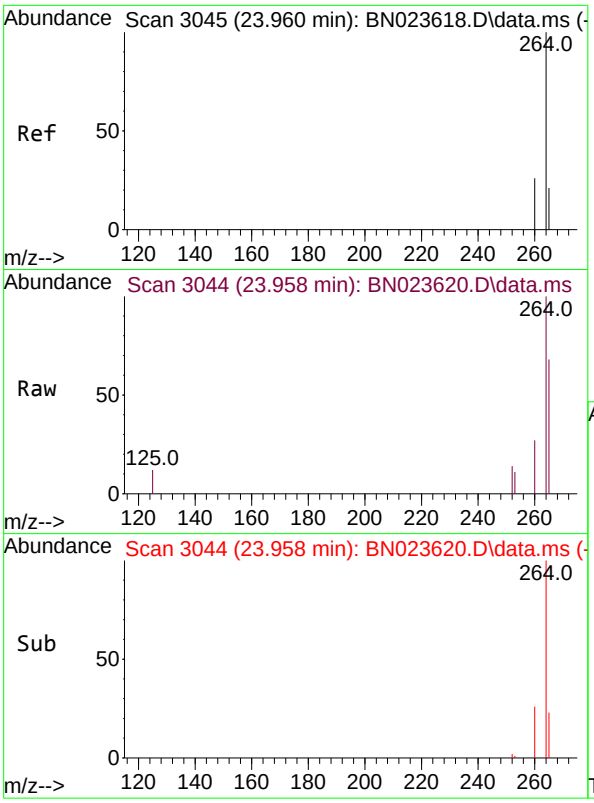


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.092 ng
RT: 21.441 min Scan# 2406
Delta R.T. 0.004 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:149 Resp: 30942

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.6	30.8
279	2.8	2.6	4.0



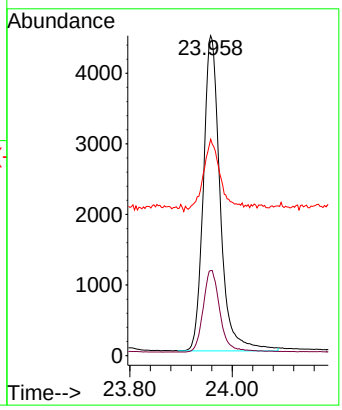


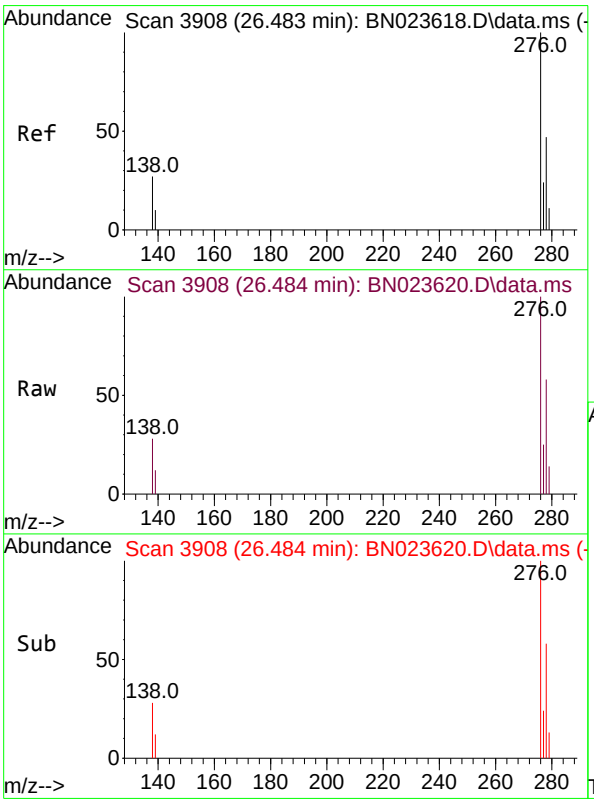
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.958 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 10156

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.4	32.2
265	67.6	56.6	85.0

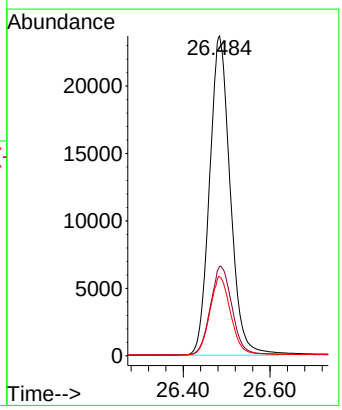


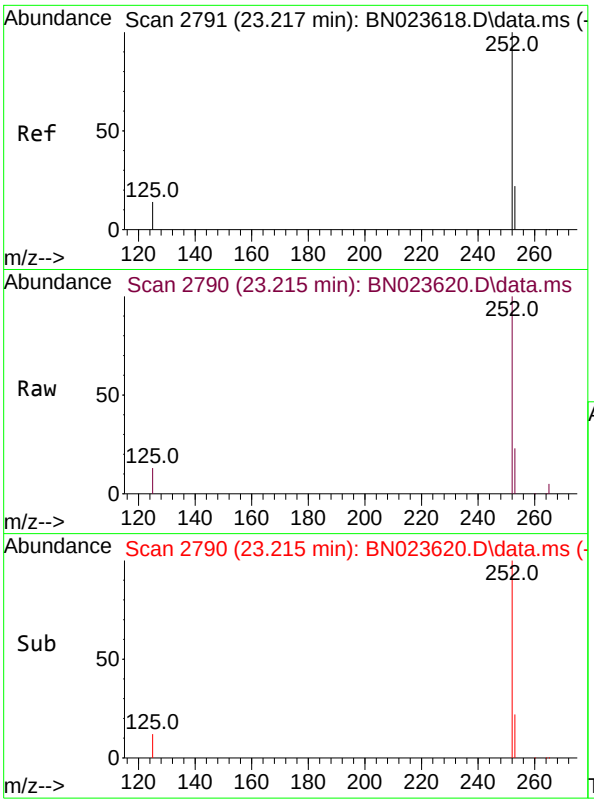


#36
Indeno(1,2,3-cd)pyrene
Concen: 2.062 ng
RT: 26.484 min Scan# 3908
Delta R.T. 0.001 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:276 Resp: 78211

Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.8	35.8
277	24.9	19.8	29.6



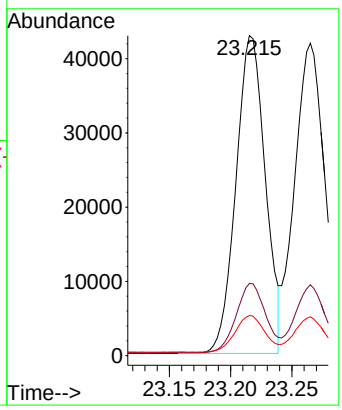


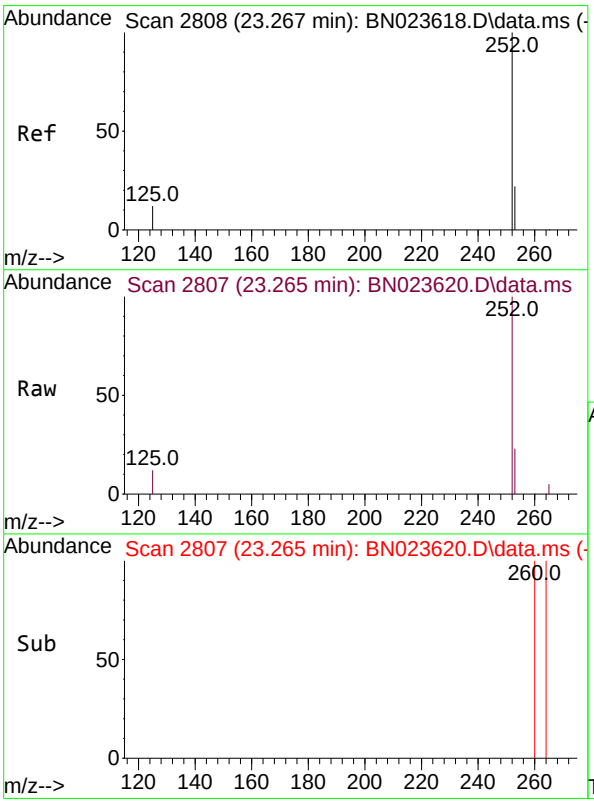
#37
Benzo(b)fluoranthene
Concen: 1.824 ng
RT: 23.215 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 71156

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.0	30.0
125	12.5	14.4	21.6#

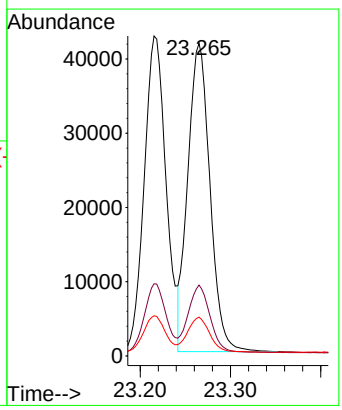


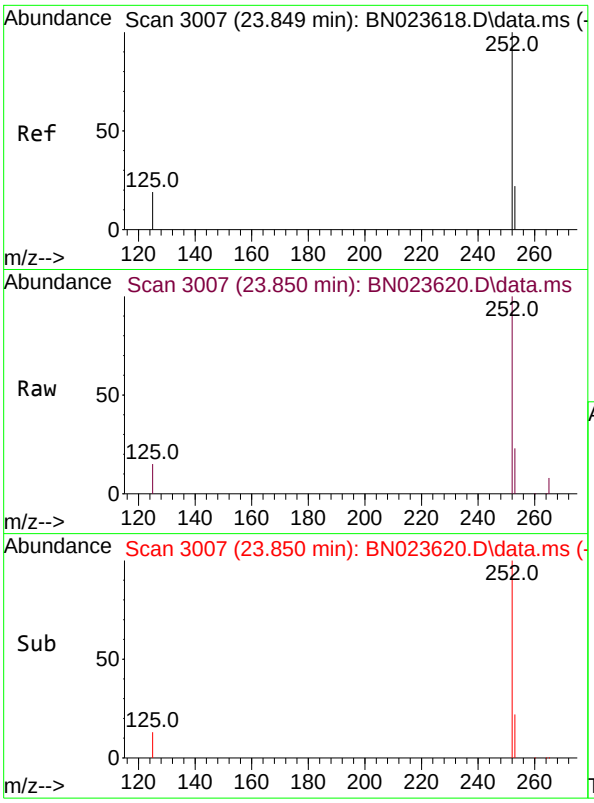


#38
Benzo(k)fluoranthene
Concen: 1.851 ng
RT: 23.265 min Scan# 2807
Delta R.T. -0.002 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:252 Resp: 70973

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.2	30.2
125	12.4	13.0	19.4#



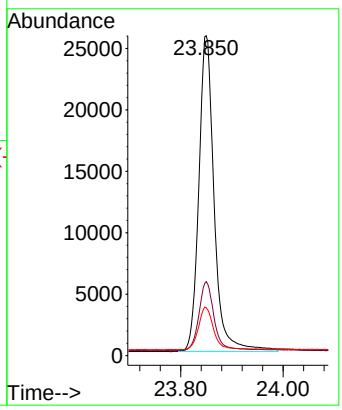


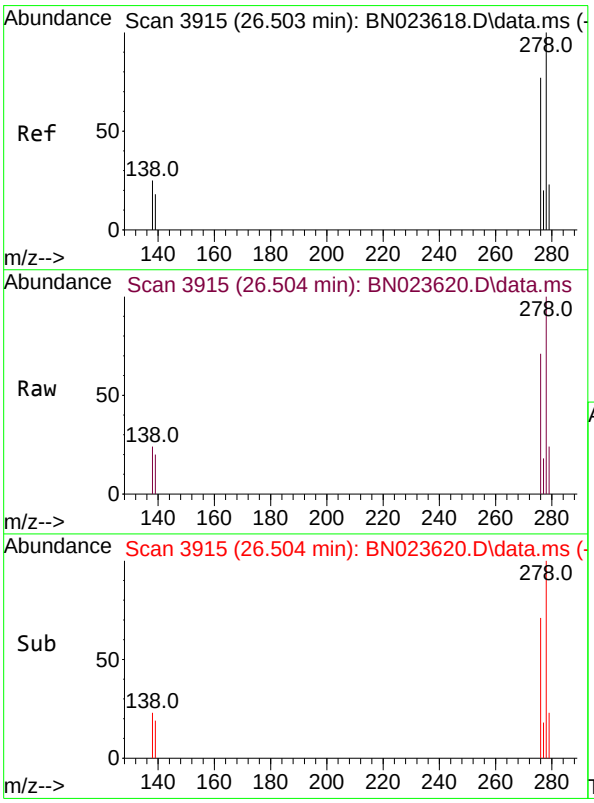
#39
Benzo(a)pyrene
Concen: 1.804 ng
RT: 23.850 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 53711

Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.3	33.5
125	15.0	21.2	31.8#

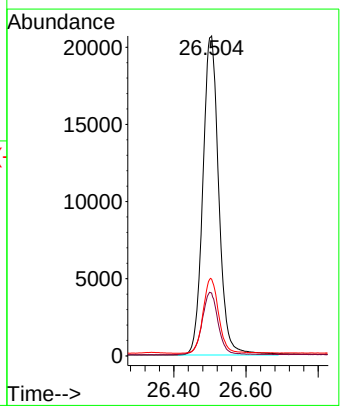


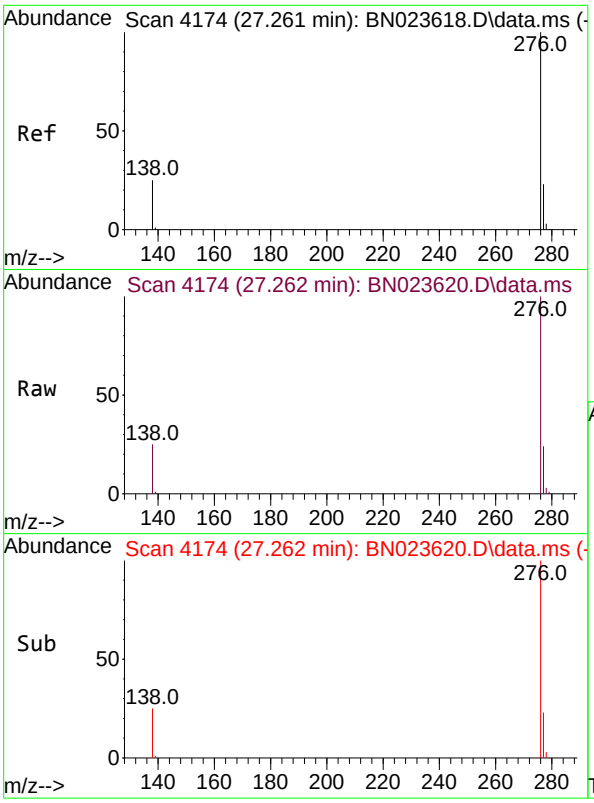


#40
Dibenzo(a,h)anthracene
Concen: 2.190 ng
RT: 26.504 min Scan# 3915
Delta R.T. 0.001 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Tgt Ion:278 Resp: 63306

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.8	25.2
279	24.0	21.5	32.3





#41
Benzo(g,h,i)perylene
Concen: 1.912 ng
RT: 27.262 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023620.D
Acq: 11 Jan 2023 20:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 63852

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	25.3	21.5	32.3