Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022929.D
Acq On : 28 Nov 2022 23:40
Operator : CG/JU
Sample : PB149143BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Quant Time: Nov 29 05:23:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	7651	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	21154	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	11880	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	25295	0.400	ng	#	0.00
29) Chrysene-d12	21.629	240	17346	0.400	ng	#	0.00
35) Perylene-d12	24.119	264	11886	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	7333	0.369	ng		0.00
5) Phenol-d6	7.212	99	9533	0.376	ng		0.00
8) Nitrobenzene-d5	9.228	82	6537	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	12.469	152	20764	0.453	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1972	0.344	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	22782	0.419	ng		0.00
27) Fluoranthene-d10	19.473	212	26827	0.390	ng		0.00
31) Terphenyl-d14	20.071	244	15990	0.392	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	3773	0.389	ng		98
3) n-Nitrosodimethylamine	3.774	42	3679	0.351	ng	#	99
6) bis(2-Chloroethyl)ether	7.479	93	9927	0.417	ng		100
9) Naphthalene	10.936	128	26591	0.408	ng		99
10) Hexachlorobutadiene	11.224	225	5640	0.422	ng	#	100
12) 2-Methylnaphthalene	12.155	142	4641	0.349	ng		99
16) Acenaphthylene	14.420	152	23340	0.371	ng		99
17) Acenaphthene	14.763	154	16648	0.402	ng		98
18) Fluorene	15.751	166	21313	0.402	ng		98
20) 4,6-Dinitro-2-methylph...	15.813	198	900	0.318	ng	#	74
21) 4-Bromophenyl-phenylether	16.645	248	7303	0.400	ng	#	74
22) Hexachlorobenzene	16.757	284	9478	0.425	ng		100
23) Atrazine	16.906	200	4435	0.344	ng	#	89
24) Pentachlorophenol	17.092	266	1780	0.292	ng		99
25) Phenanthrene	17.489	178	36285	0.413	ng		100
26) Anthracene	17.576	178	28619	0.375	ng		100
28) Fluoranthene	19.507	202	37041	0.396	ng		100
30) Pyrene	19.865	202	36049	0.399	ng		100
32) Benzo(a)anthracene	21.612	228	26616	0.380	ng		99
33) Chrysene	21.665	228	30587	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	10629	0.378	ng		99
36) Indeno(1,2,3-cd)pyrene	26.730	276	20575	0.417	ng		99
37) Benzo(b)fluoranthene	23.356	252	23057	0.435	ng		98
38) Benzo(k)fluoranthene	23.409	252	24760	0.431	ng		99
39) Benzo(a)pyrene	24.008	252	15750	0.389	ng		96
40) Dibenzo(a,h)anthracene	26.756	278	17219	0.440	ng		97
41) Benzo(g,h,i)perylene	27.525	276	17665	0.419	ng		99

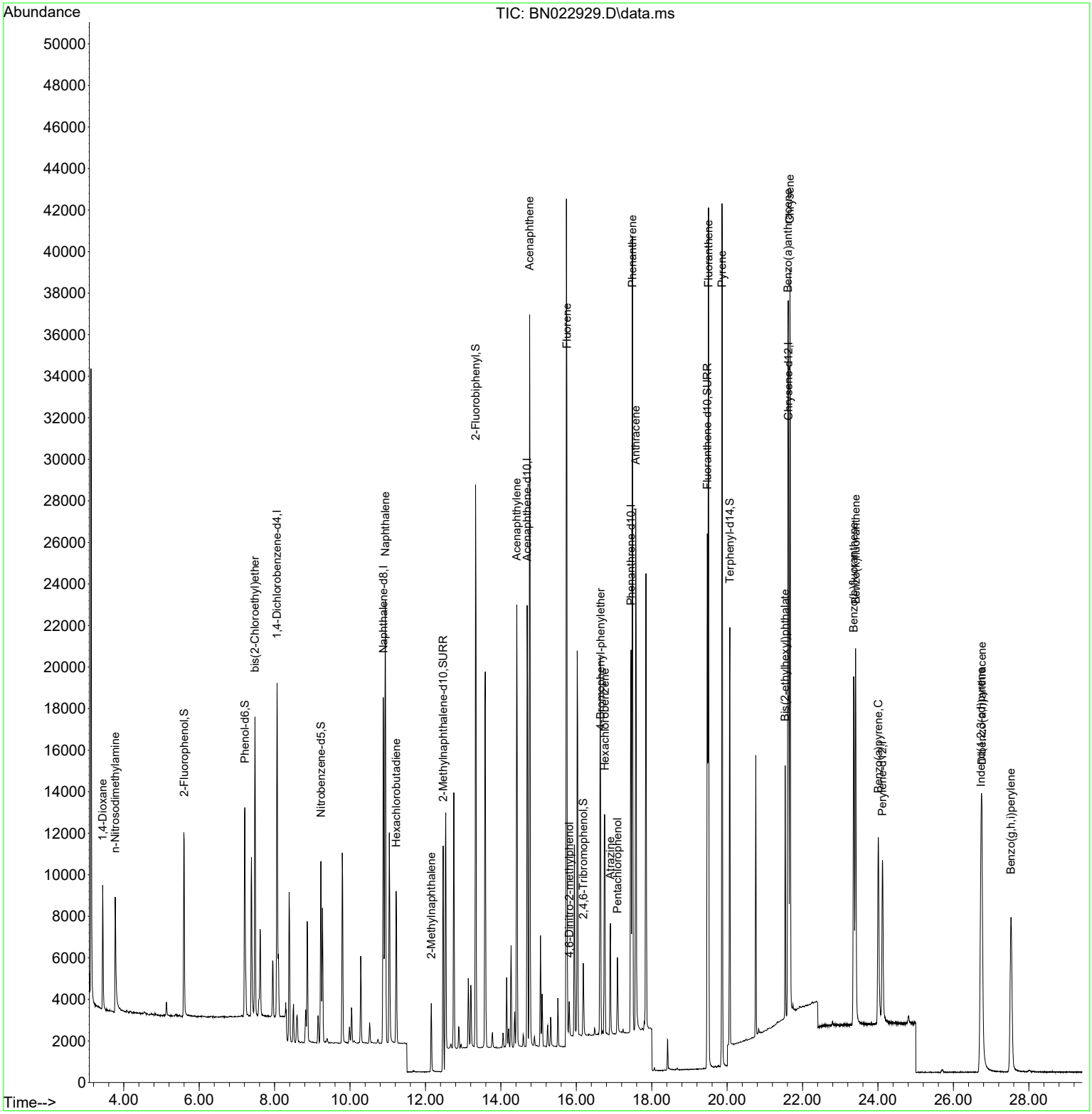
(#) = qualifier out of range (m) = manual integration (+) = signals summed

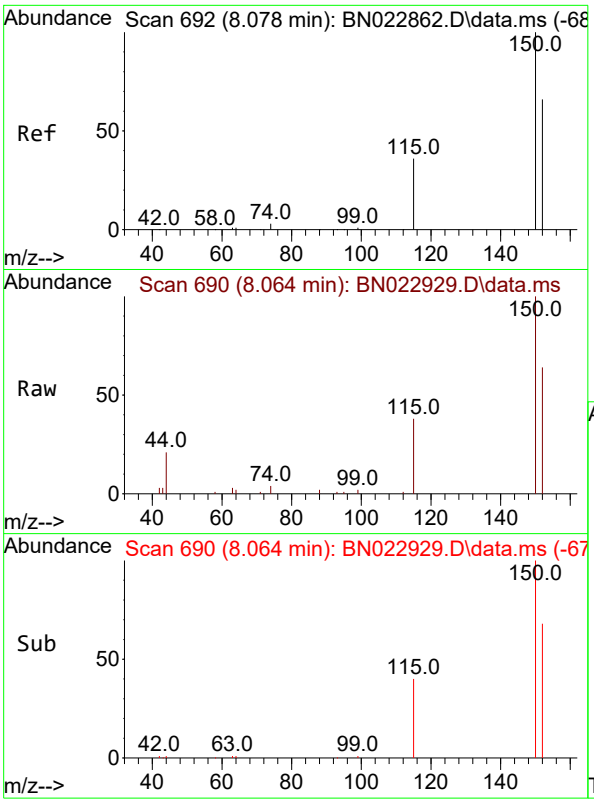
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022929.D
Acq On : 28 Nov 2022 23:40
Operator : CG/JU
Sample : PB149143BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Quant Time: Nov 29 05:23:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration



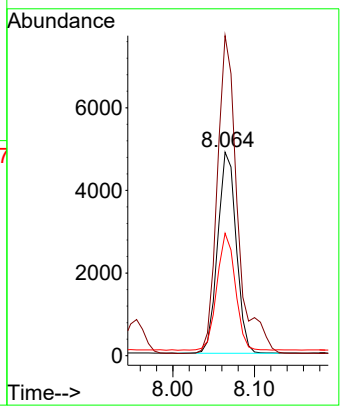


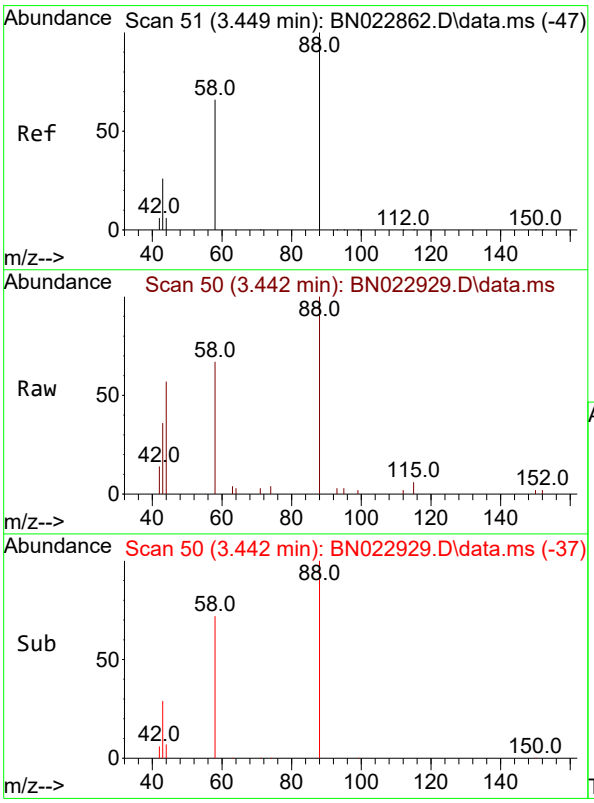
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:152 Resp: 7651

Ion	Ratio	Lower	Upper
152	100		
150	157.2	121.2	181.8
115	60.1	46.2	69.4

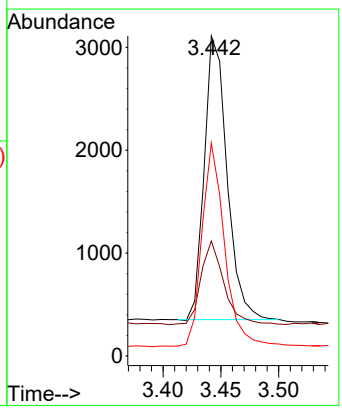


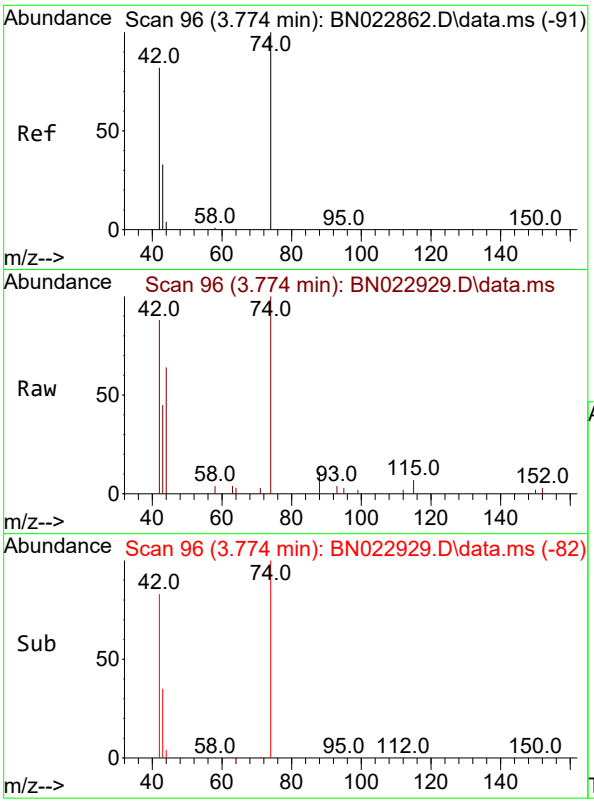


#2
1,4-Dioxane
Concen: 0.389 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion: 88 Resp: 3773

Ion	Ratio	Lower	Upper
88	100		
43	29.9	25.4	38.2
58	71.5	56.5	84.7



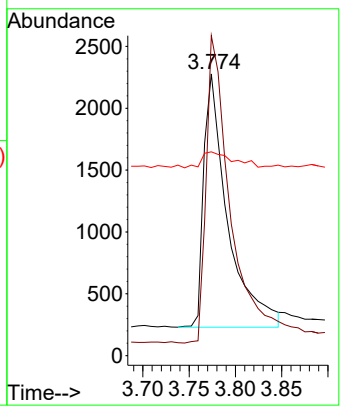


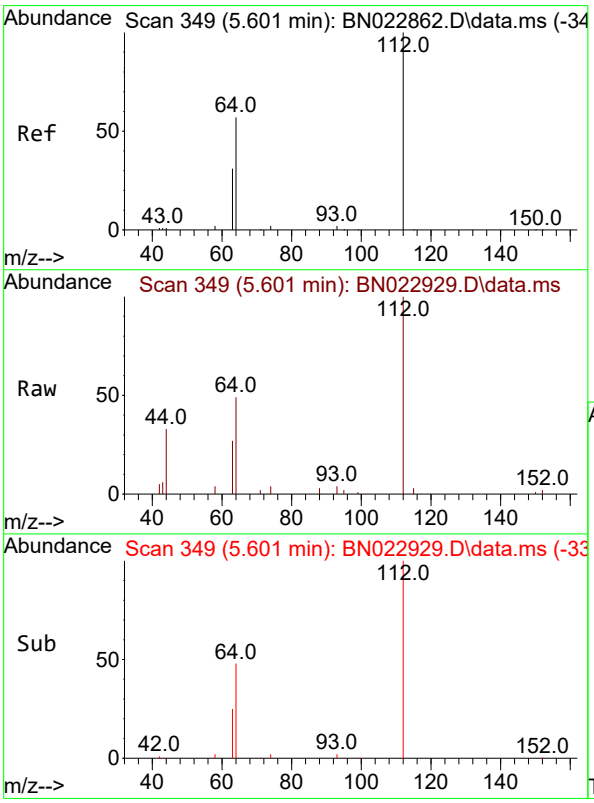
#3
n-Nitrosodimethylamine
Concen: 0.351 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion: 42 Resp: 3679

Ion	Ratio	Lower	Upper
42	100		
74	123.6	99.3	148.9
44	8.5	5.4	8.2#

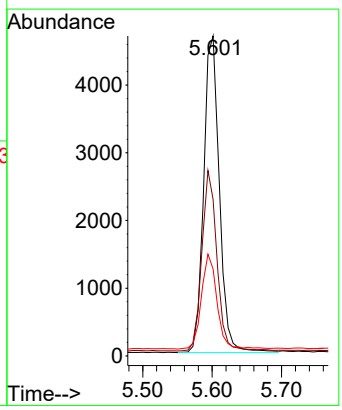


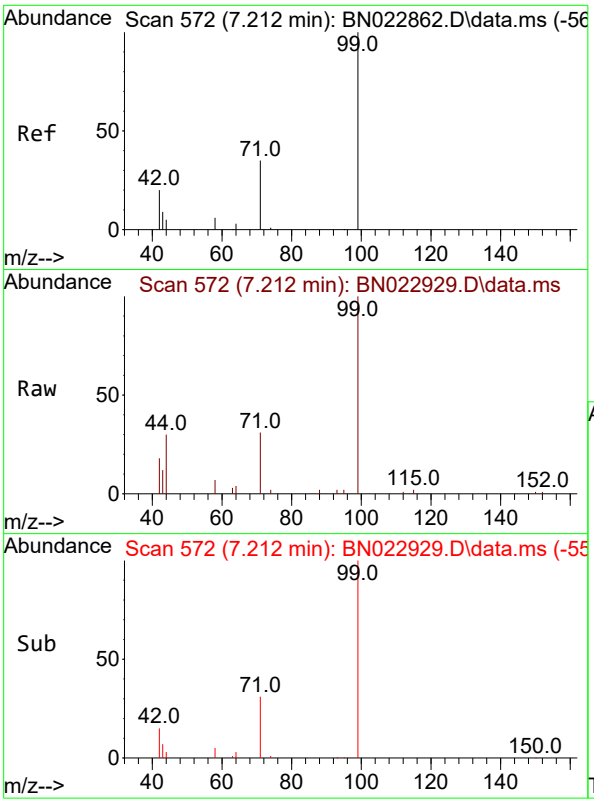


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:112 Resp: 7333

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.4	65.2
63	29.8	23.4	35.2



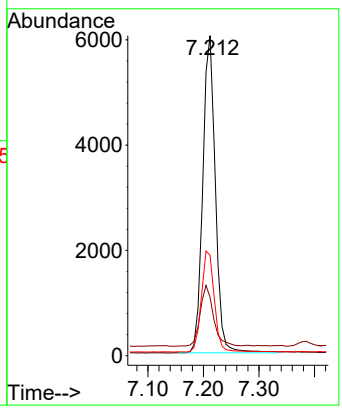


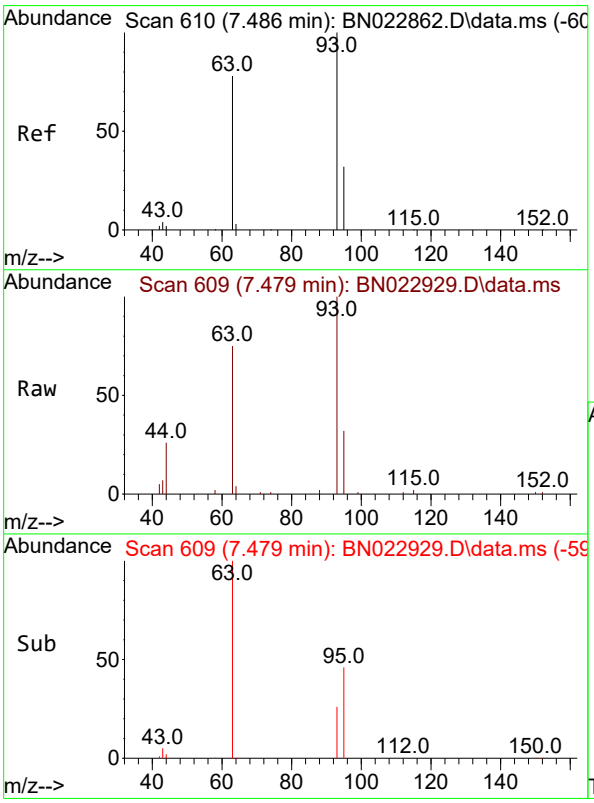
#5
Phenol-d6
Concen: 0.376 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion: 99 Resp: 9533

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.0	24.0
71	32.6	26.8	40.2

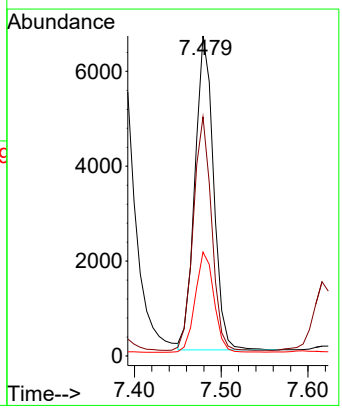


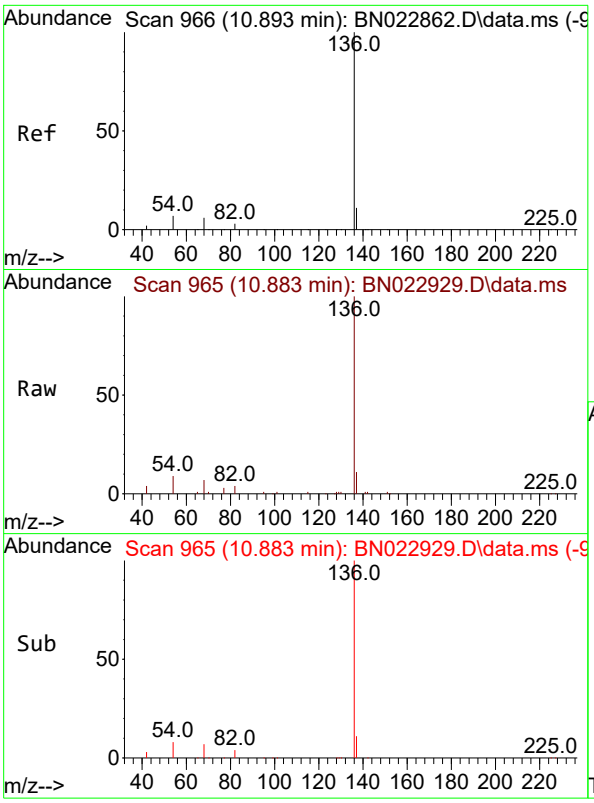


#6
bis(2-Chloroethyl)ether
Concen: 0.417 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion: 93 Resp: 9927

Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.3	87.5
95	32.1	25.8	38.6



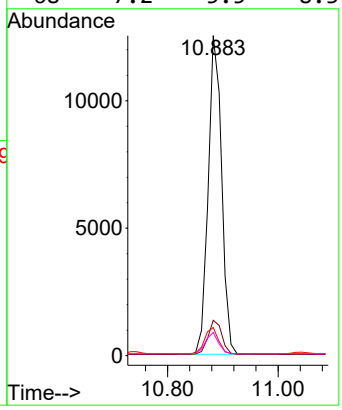


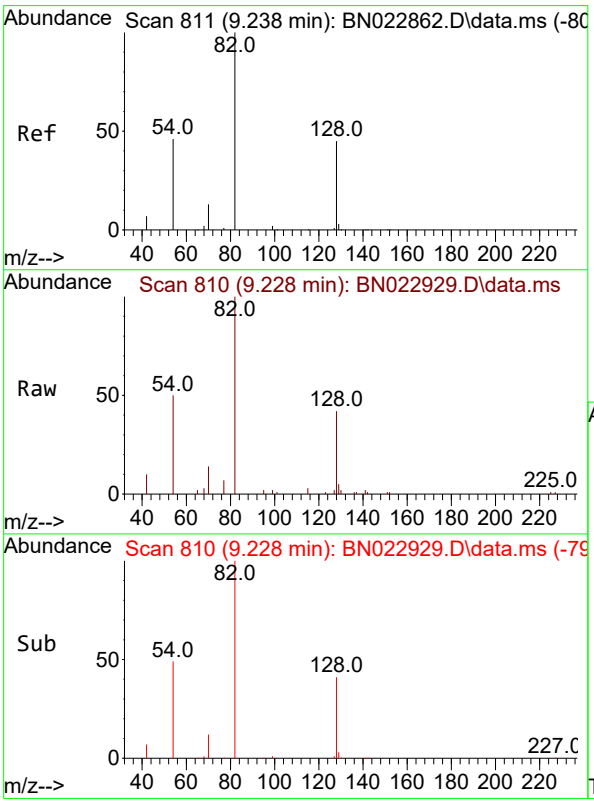
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:136 Resp: 21154

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	8.8	6.6	9.8
68	7.2	5.5	8.3

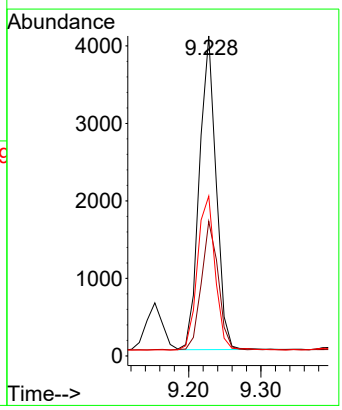


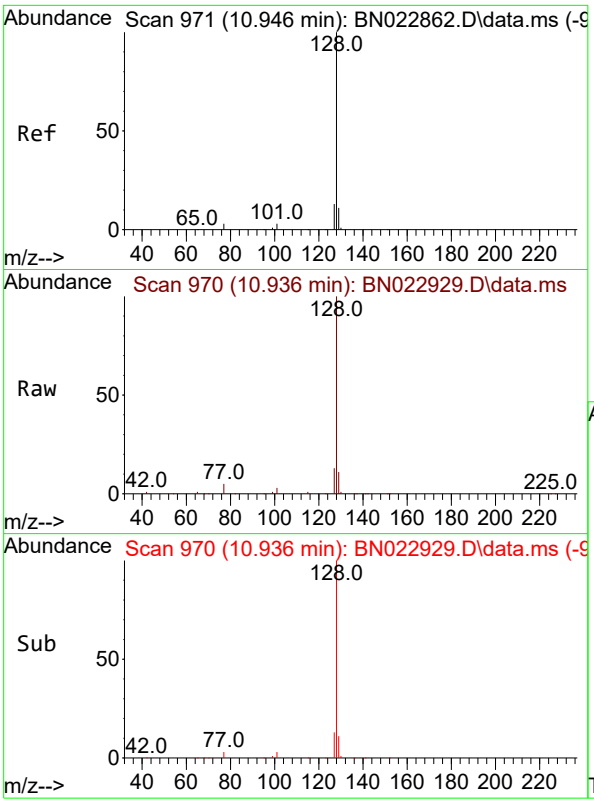


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.228 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion: 82 Resp: 6537

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.6	54.8
54	50.0	38.5	57.7



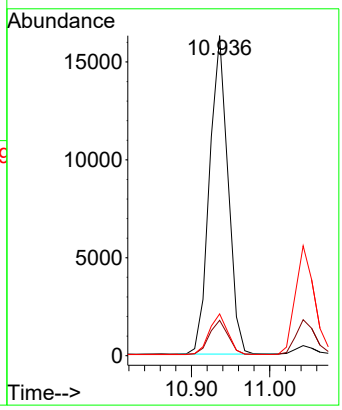


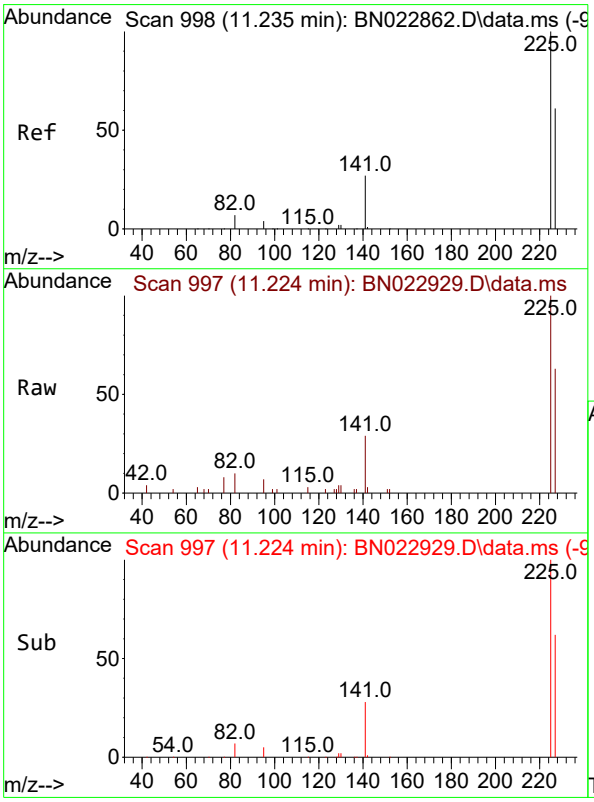
#9
Naphthalene
Concen: 0.408 ng
RT: 10.936 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:128 Resp: 26591

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.1	10.8	16.2

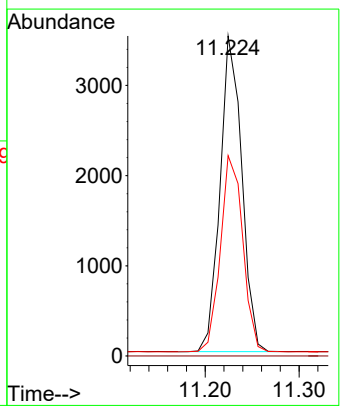


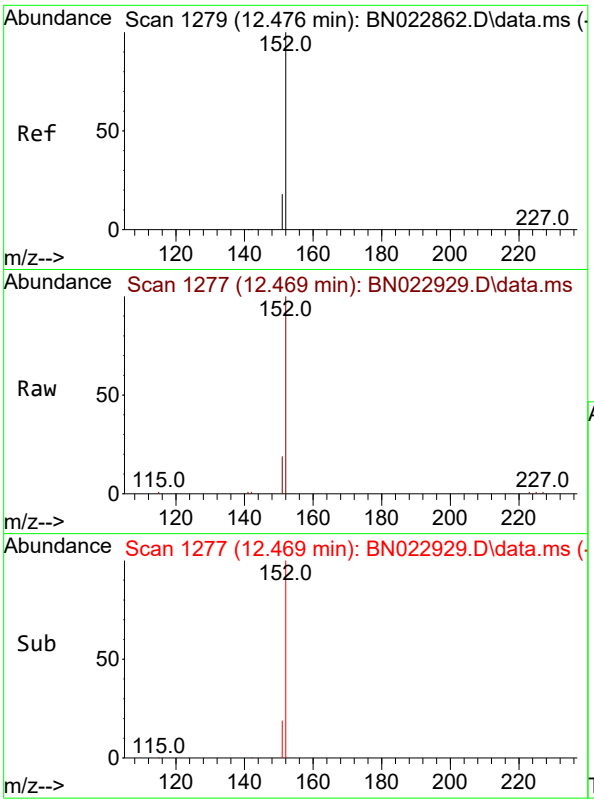


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 11.224 min Scan# 997
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:225 Resp: 5640

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.8	76.2



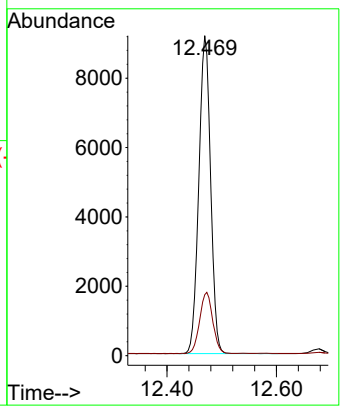


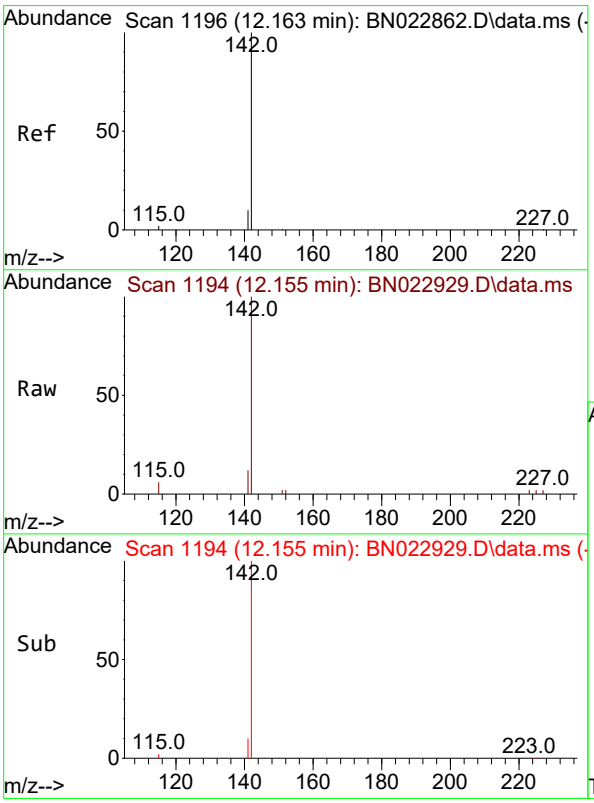
#11
2-Methylnaphthalene-d10
Concen: 0.453 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:152 Resp: 20764

Ion	Ratio	Lower	Upper
152	100		
151	16.0	18.6	27.8#

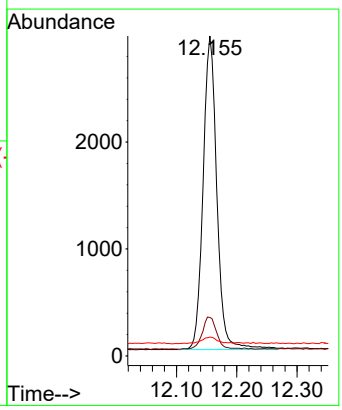


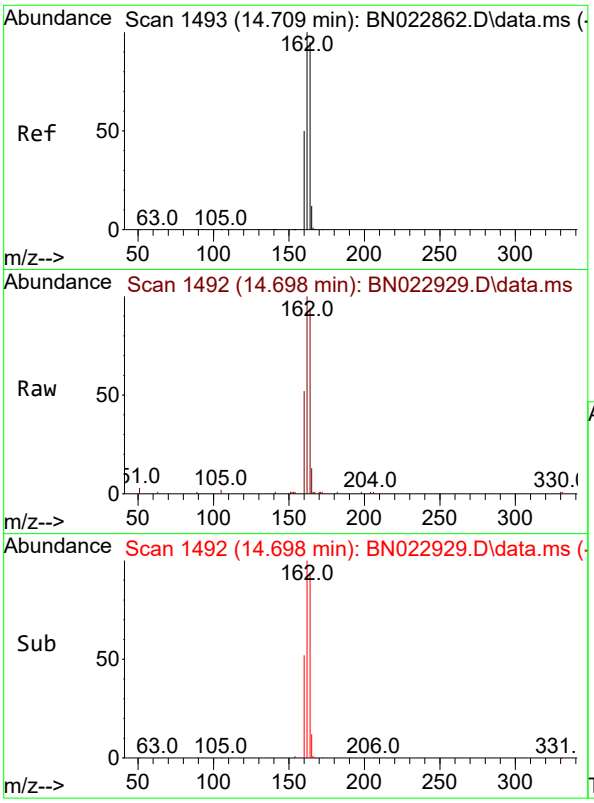


#12
2-Methylnaphthalene
Concen: 0.349 ng
RT: 12.155 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:142 Resp: 4641

Ion	Ratio	Lower	Upper
142	100		
141	12.0	10.1	15.1
115	5.9	4.6	7.0



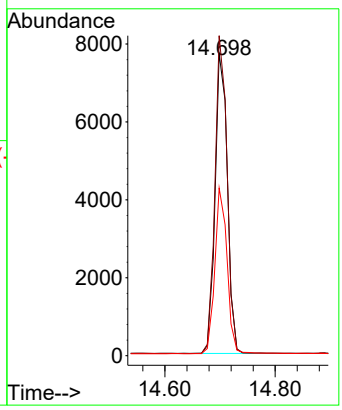


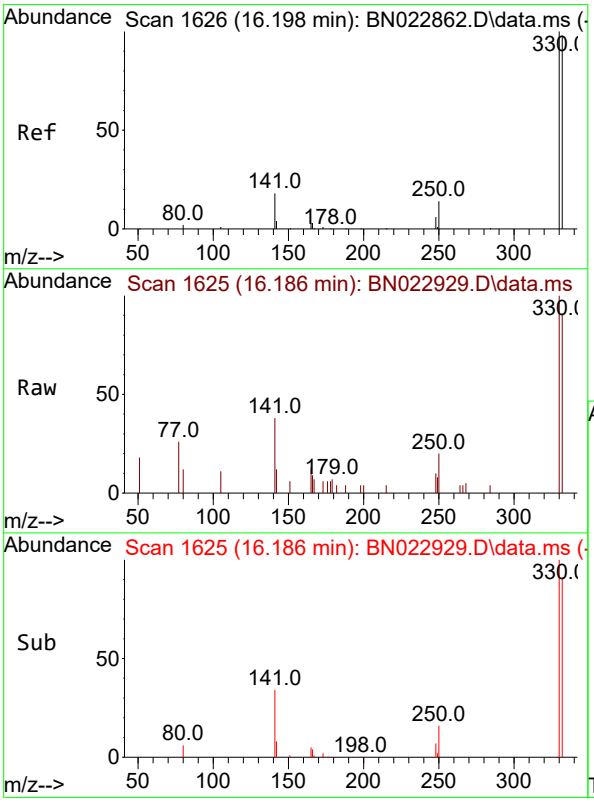
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:164 Resp: 11880

Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.2	126.4
160	55.6	42.5	63.7

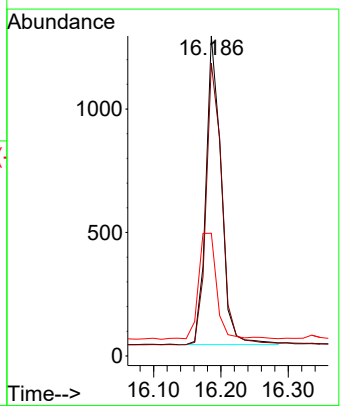


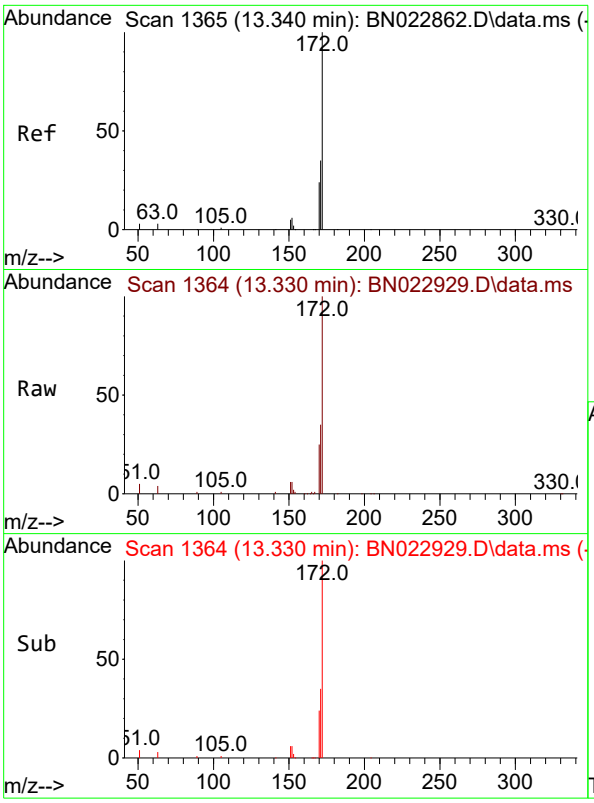


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:330 Resp: 1972

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.5	114.7
141	41.6	32.6	48.8



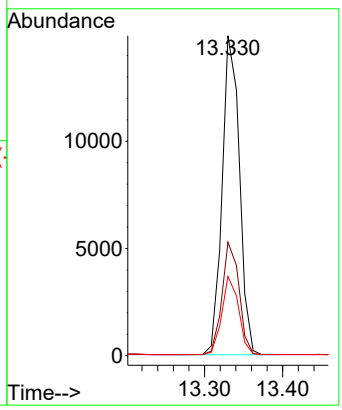


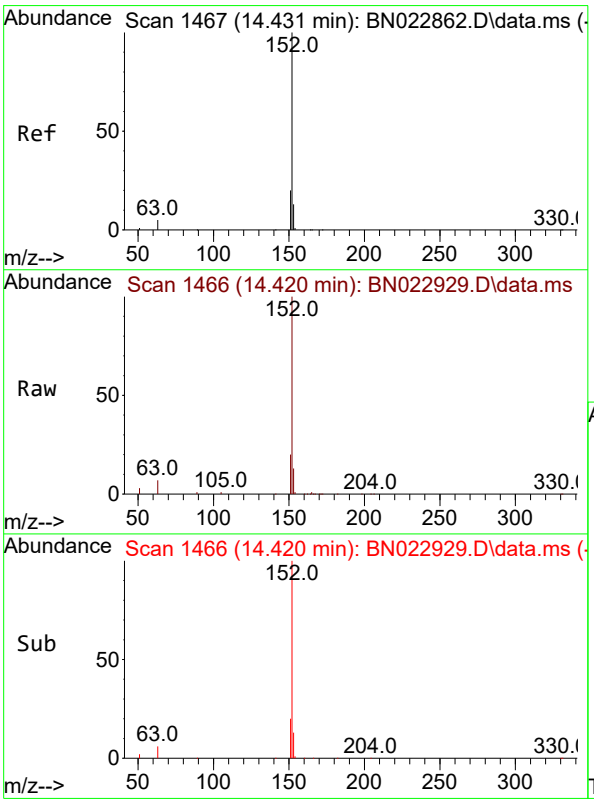
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:172 Resp: 22782

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	24.8	19.3	28.9

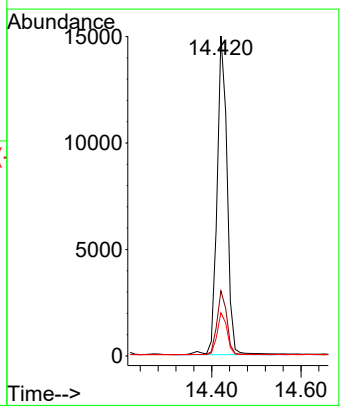


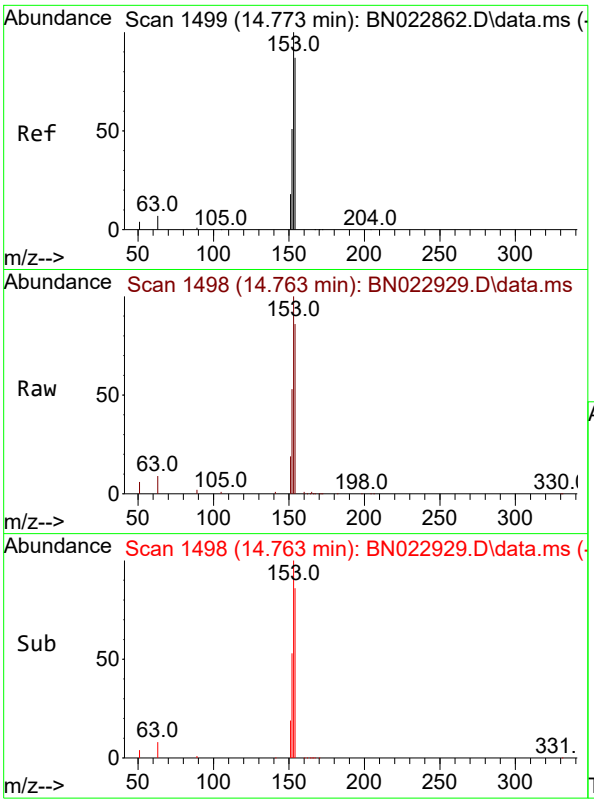


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:152 Resp: 23340

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.1	10.5	15.7



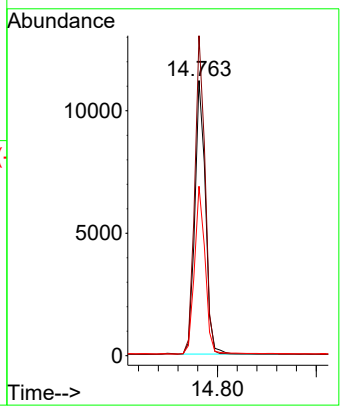


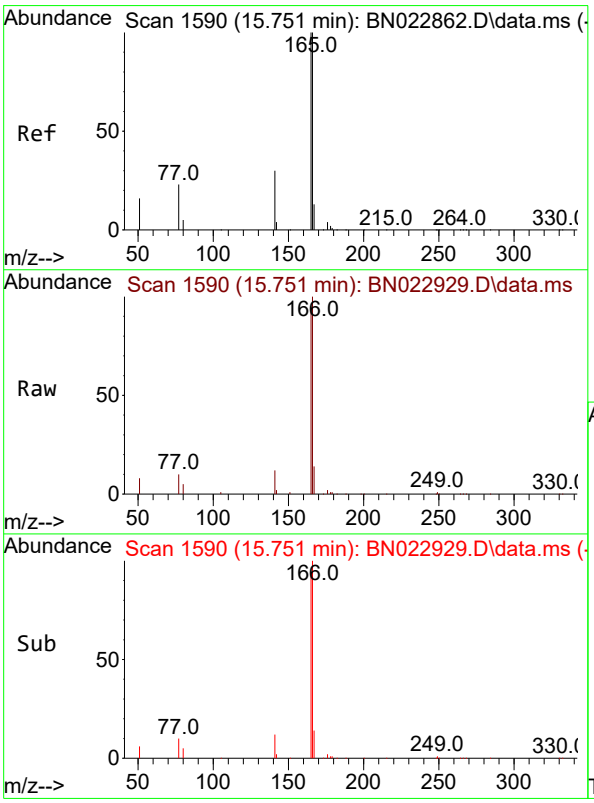
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.763 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:154 Resp: 16648

Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.0	135.0
152	61.3	47.0	70.6

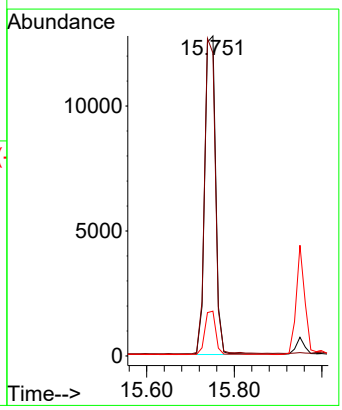


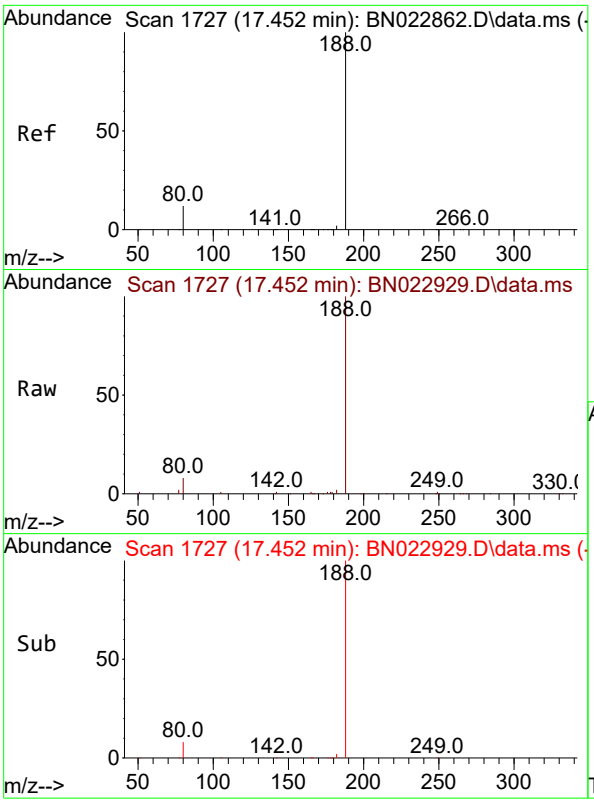


#18
Fluorene
Concen: 0.402 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:166 Resp: 21313

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.4	119.0
167	13.6	10.7	16.1



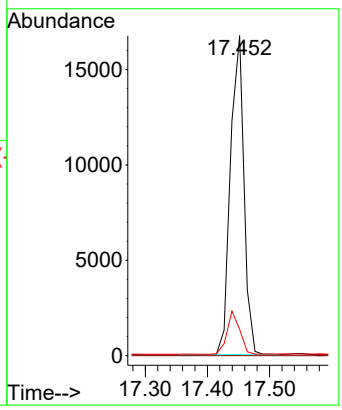


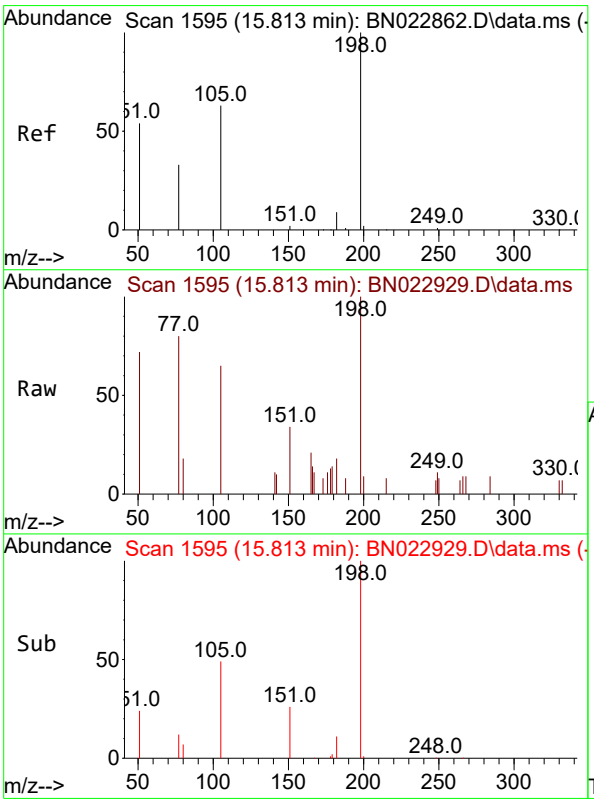
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:188 Resp: 25295

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	10.3	15.5#

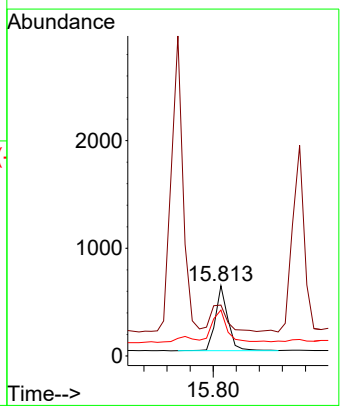


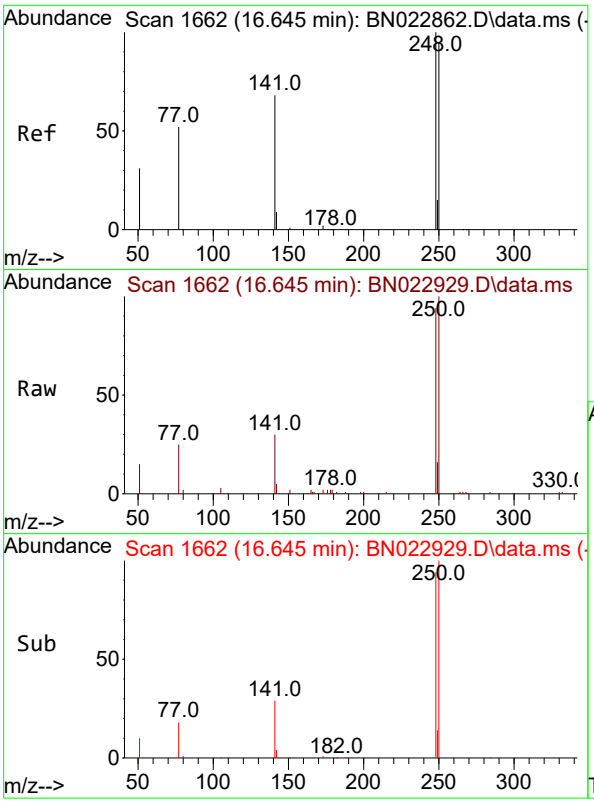


#20
4,6-Dinitro-2-methylphenol
Concen: 0.318 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:198 Resp: 900

Ion	Ratio	Lower	Upper
198	100		
51	72.3	80.5	120.7#
105	65.4	70.5	105.7#



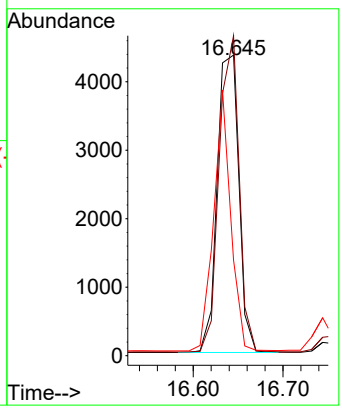


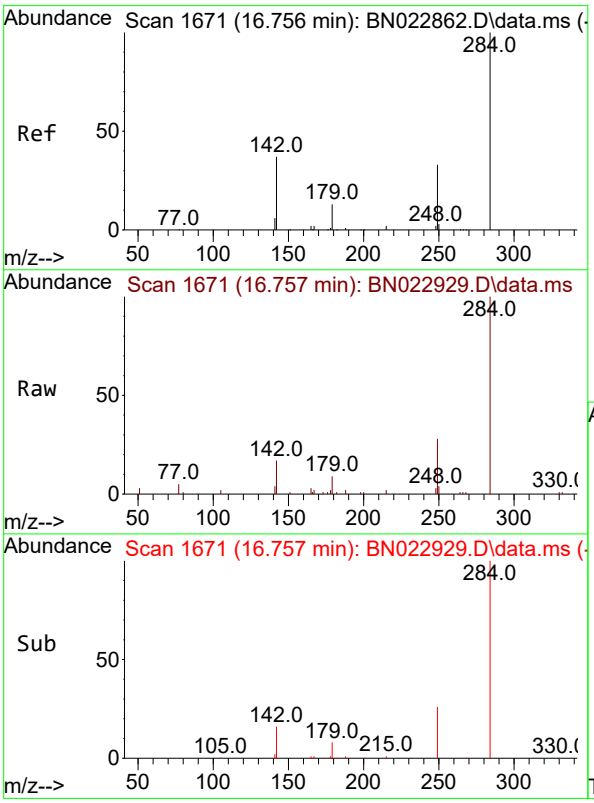
#21
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:248 Resp: 7303

Ion	Ratio	Lower	Upper
248	100		
250	106.4	75.8	113.6
141	31.8	55.4	83.0#

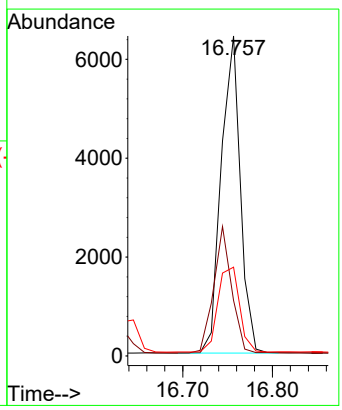


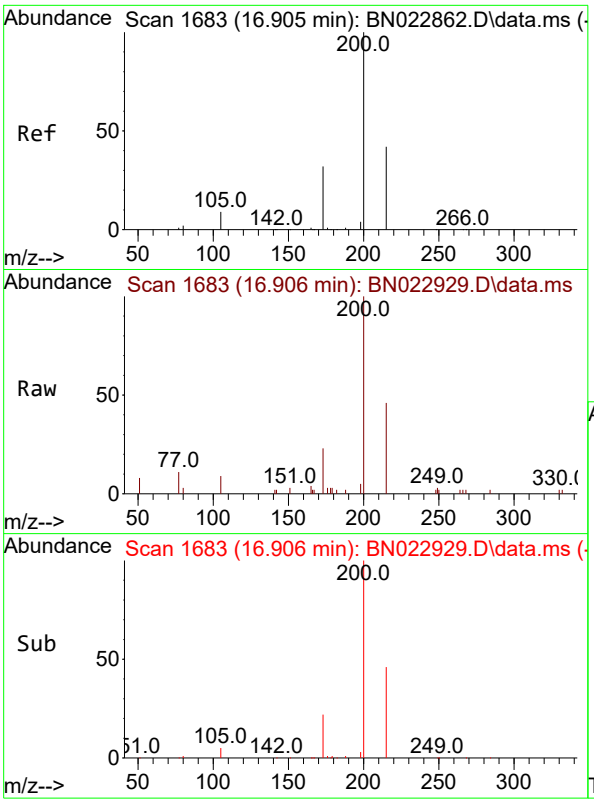


#22
Hexachlorobenzene
Concen: 0.425 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:284 Resp: 9478

Ion	Ratio	Lower	Upper
284	100		
142	37.5	30.1	45.1
249	30.6	24.5	36.7



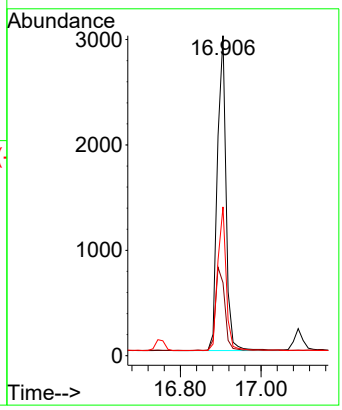


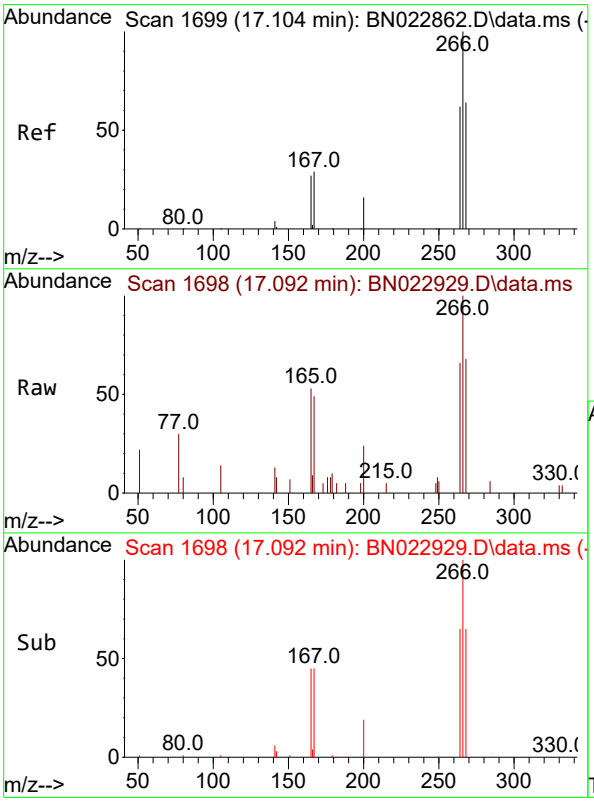
#23
Atrazine
Concen: 0.344 ng
RT: 16.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:200 Resp: 4435

Ion	Ratio	Lower	Upper
200	100		
173	22.8	26.4	39.6#
215	46.5	34.4	51.6

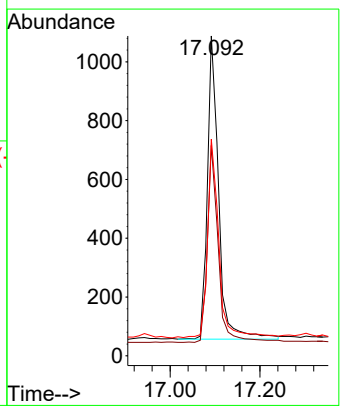


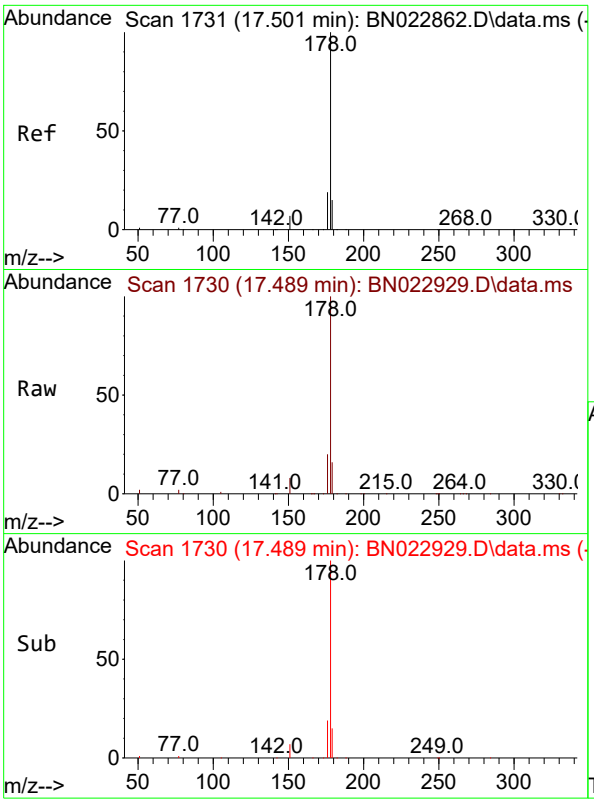


#24
Pentachlorophenol
Concen: 0.292 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:266 Resp: 1780

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.0	75.0
268	65.7	50.9	76.3



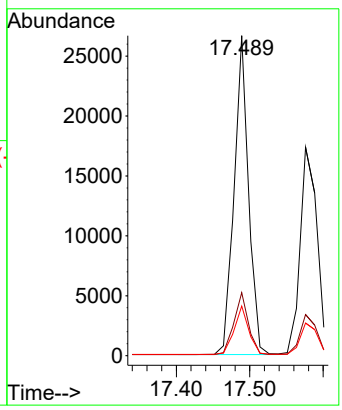


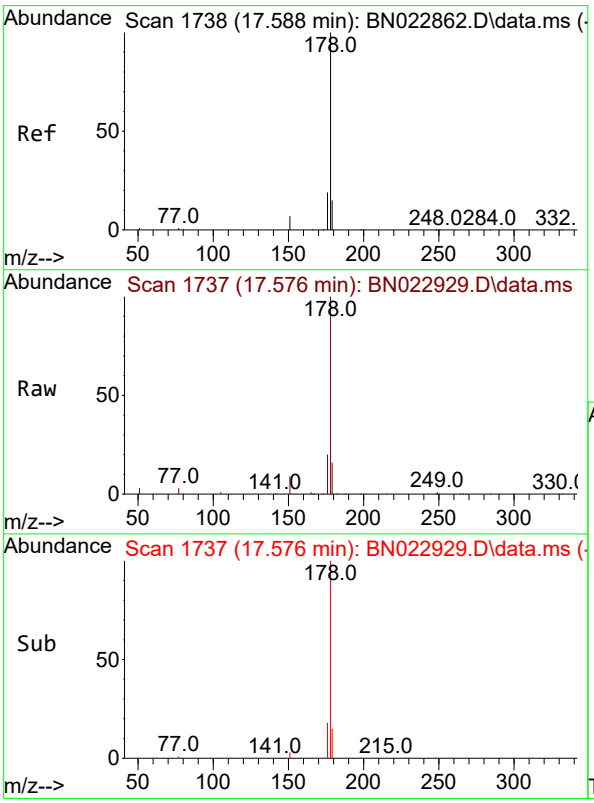
#25
Phenanthrene
Concen: 0.413 ng
RT: 17.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:178 Resp: 36285

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.2	12.2	18.2

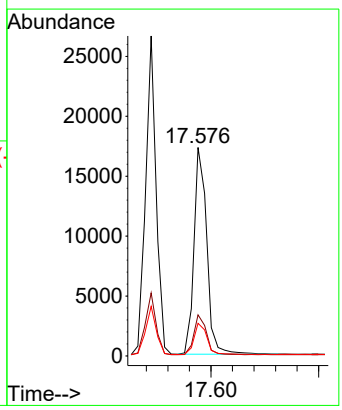


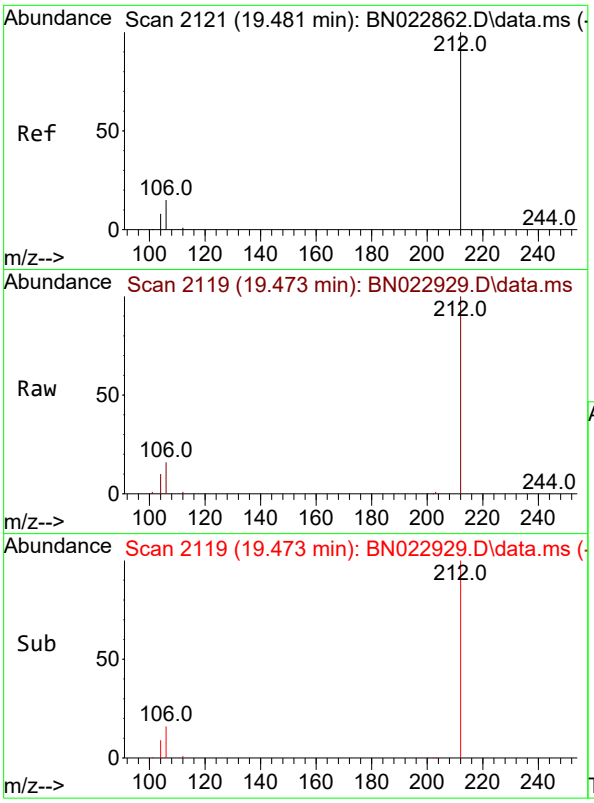


#26
Anthracene
Concen: 0.375 ng
RT: 17.576 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:178 Resp: 28619

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.2	18.2



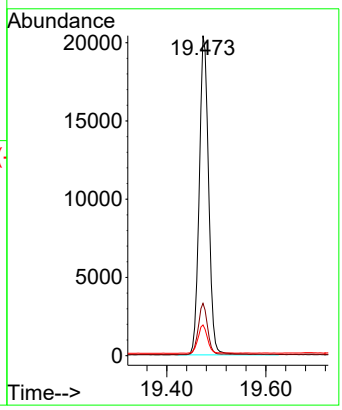


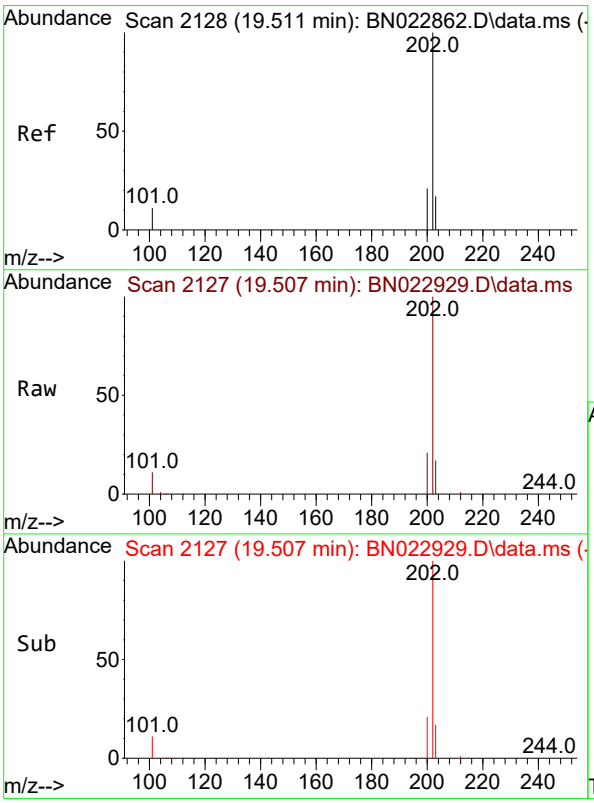
#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.473 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:212 Resp: 26827

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.3	18.5
104	8.9	7.0	10.4

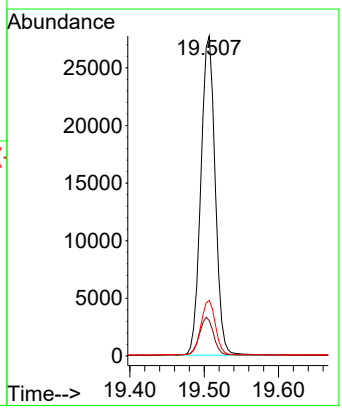


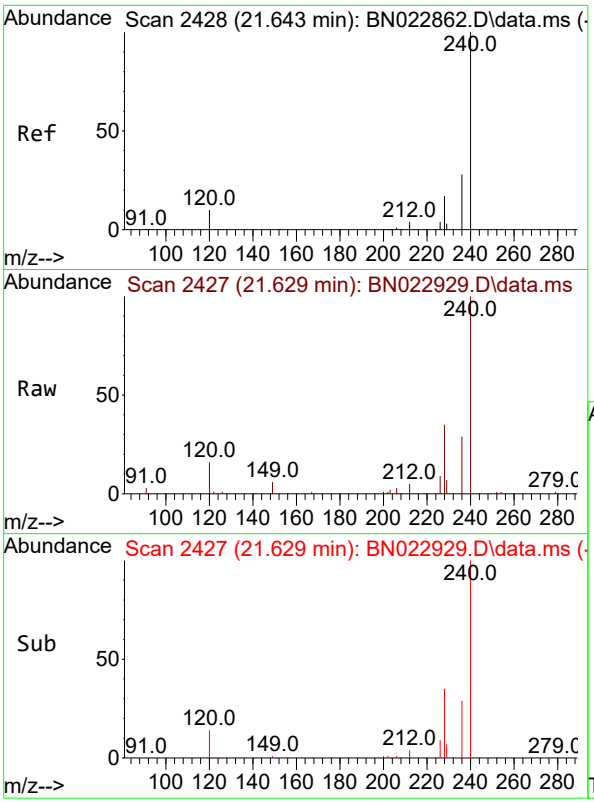


#28
Fluoranthene
Concen: 0.396 ng
RT: 19.507 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:202 Resp: 37041

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.3	13.9
203	17.1	13.7	20.5



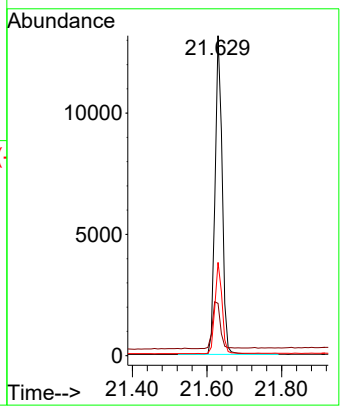


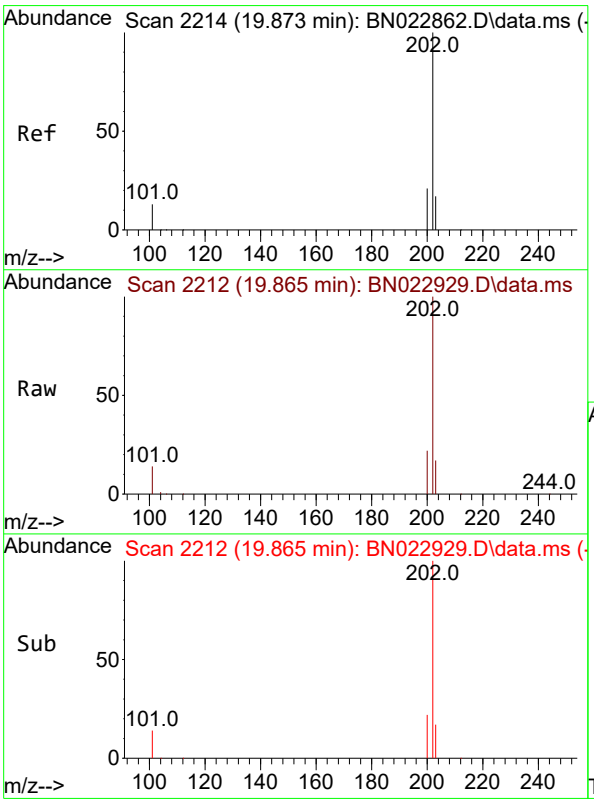
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:240 Resp: 17346

Ion	Ratio	Lower	Upper
240	100		
120	16.4	9.2	13.8#
236	29.2	22.6	34.0

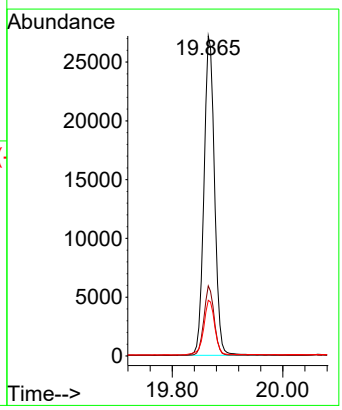


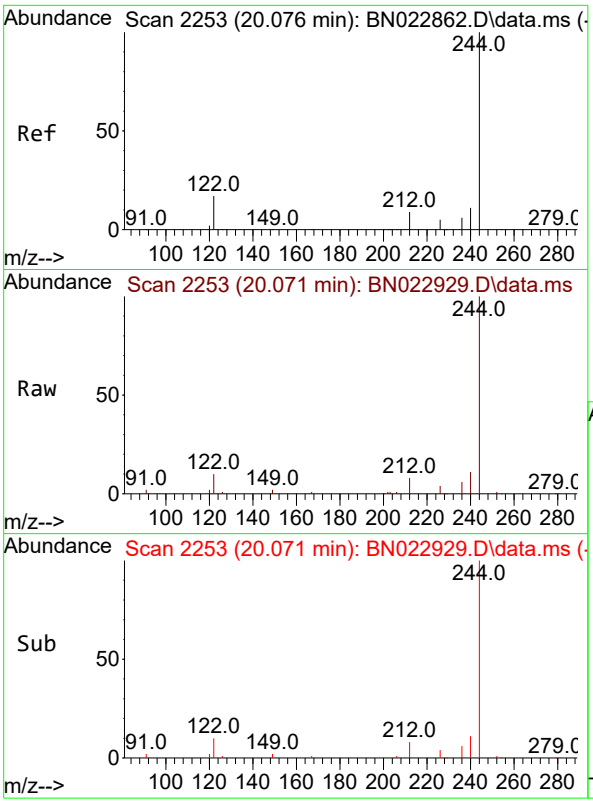


#30
Pyrene
Concen: 0.399 ng
RT: 19.865 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:202 Resp: 36049

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.6	14.2	21.2



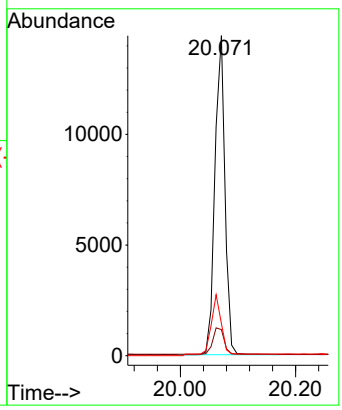


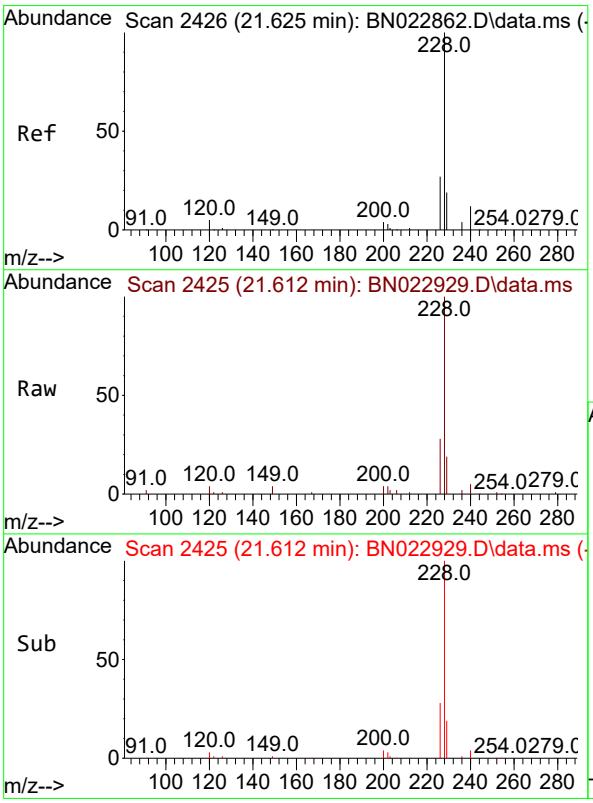
#31
Terphenyl-d14
Concen: 0.392 ng
RT: 20.071 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:244 Resp: 15990

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.9	11.9
122	10.1	13.9	20.9#

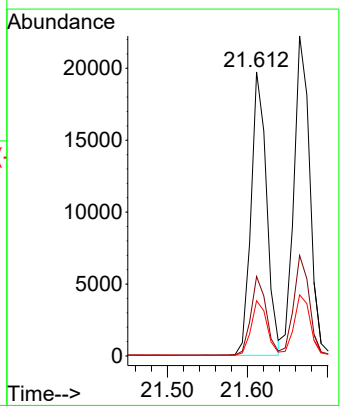


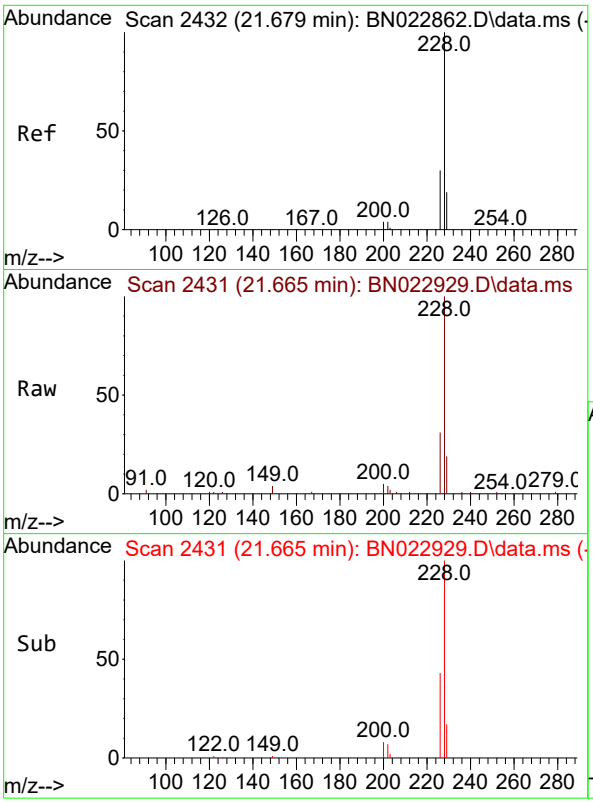


#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.612 min Scan# 2425
Delta R.T. -0.005 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:228 Resp: 26616

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.4	15.8	23.6



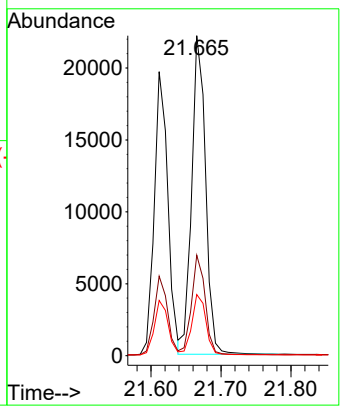


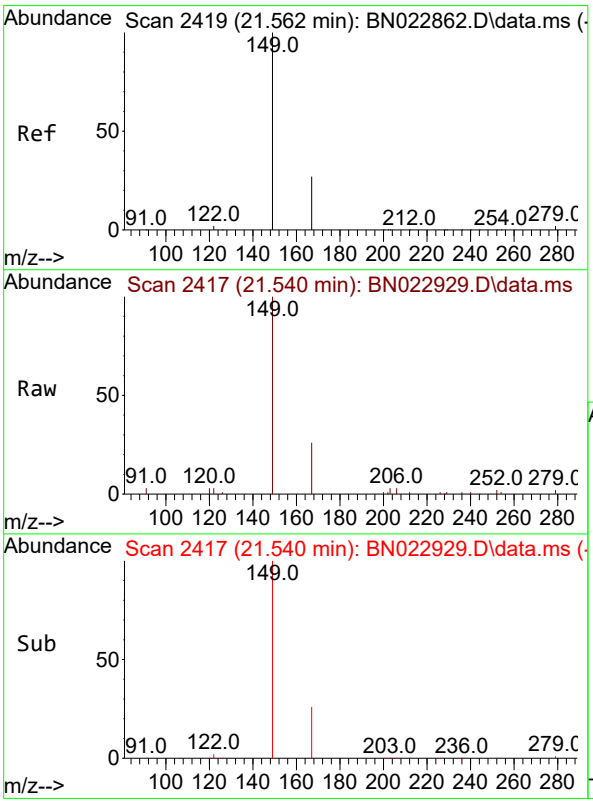
#33
Chrysene
Concen: 0.421 ng
RT: 21.665 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:228 Resp: 30587

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	19.1	15.8	23.6

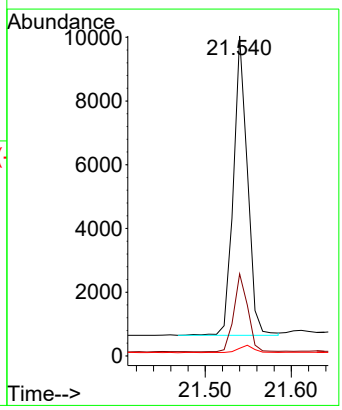


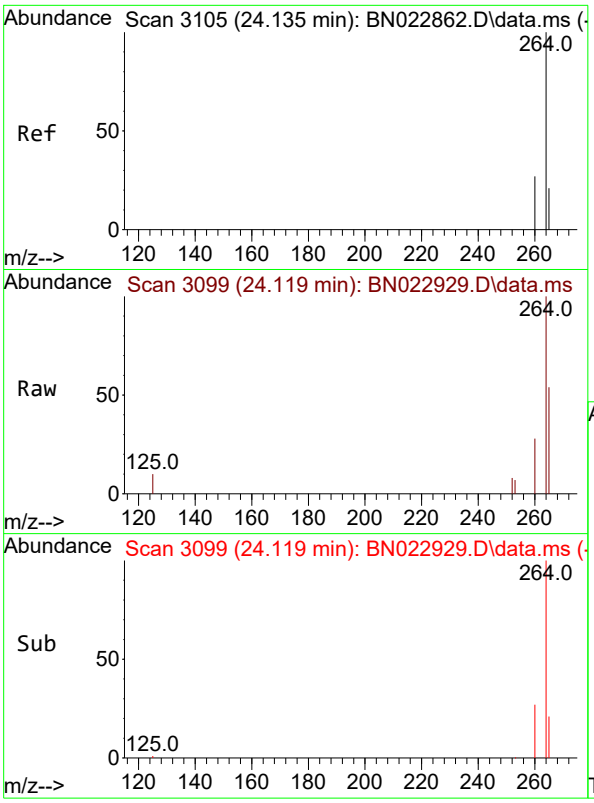


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.378 ng
RT: 21.540 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:149 Resp: 10629

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.6	2.3	3.5



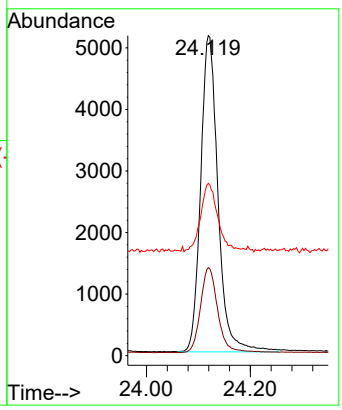


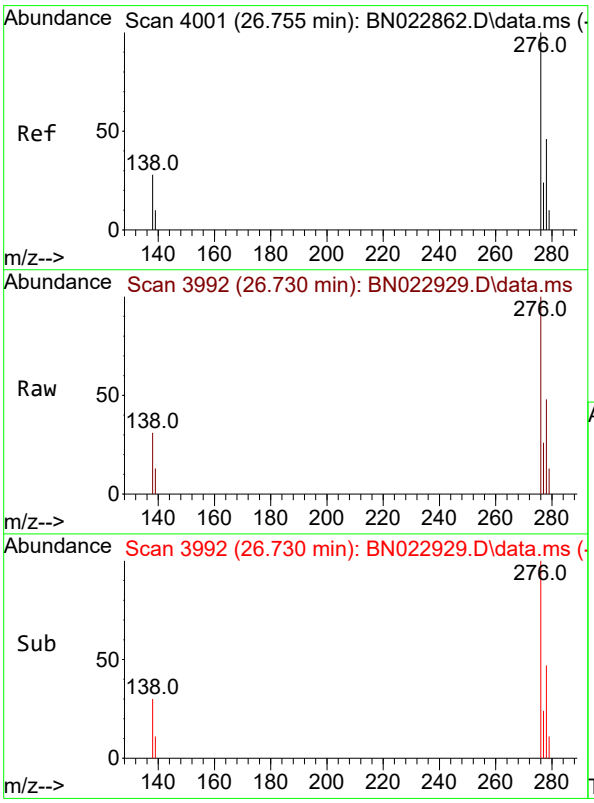
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.119 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:264 Resp: 11886

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.7	32.5
265	53.8	31.0	46.4#

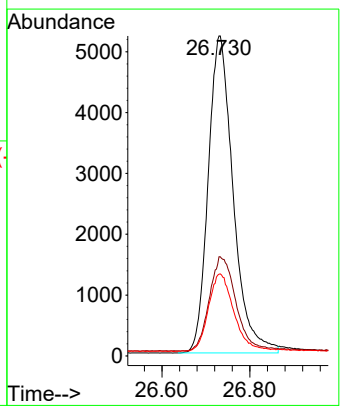


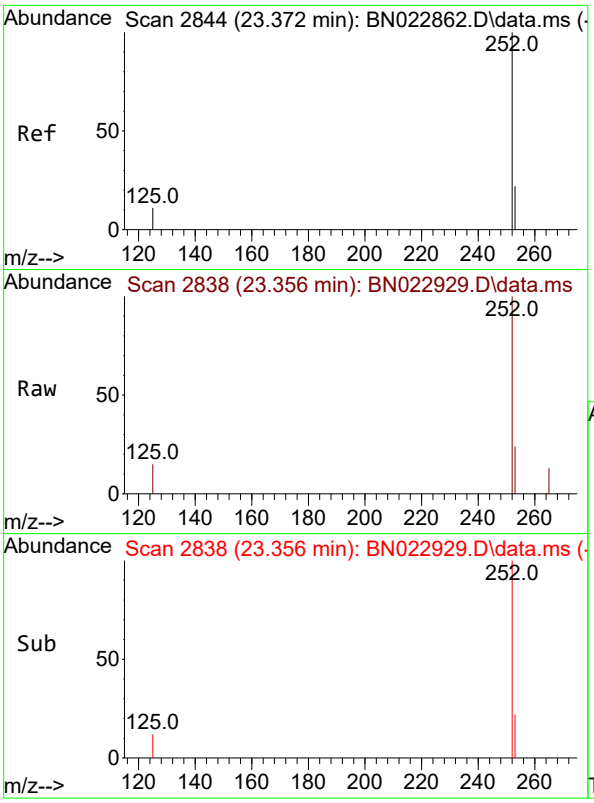


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng
RT: 26.730 min Scan# 3992
Delta R.T. -0.002 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:276 Resp: 20575

Ion	Ratio	Lower	Upper
276	100		
138	31.4	24.4	36.6
277	24.6	19.9	29.9



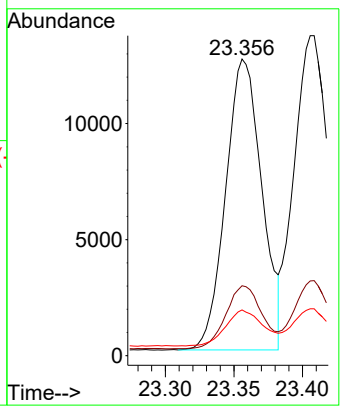


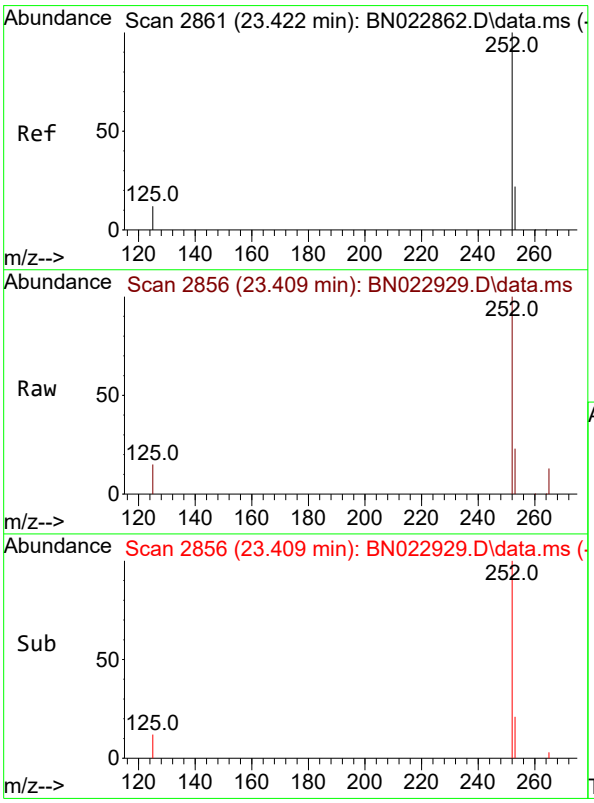
#37
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.356 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:252 Resp: 23057

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	15.4	10.8	16.2

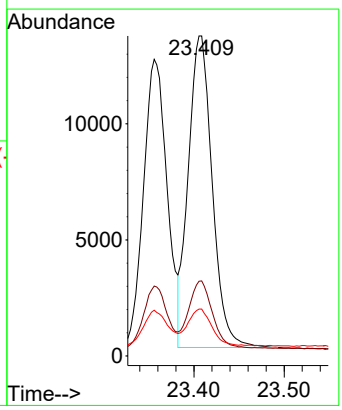


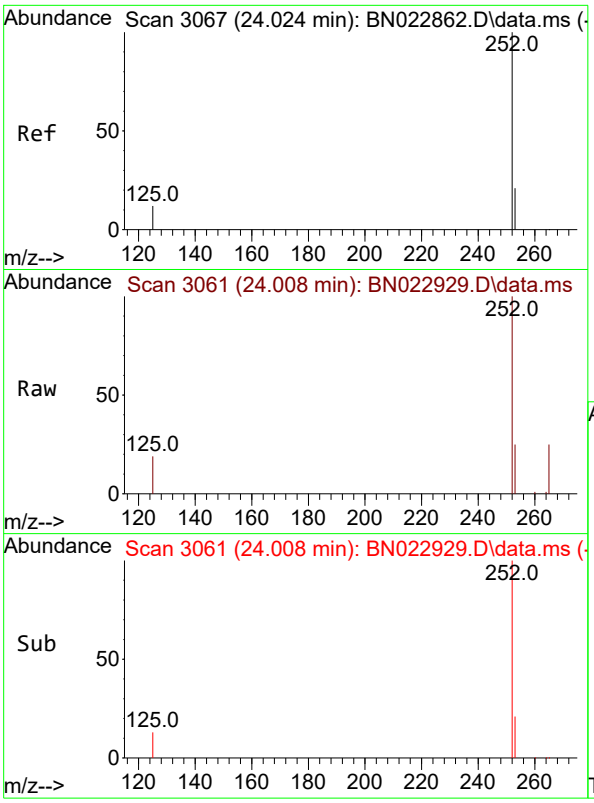


#38
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 23.409 min Scan# 2856
Delta R.T. -0.002 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:252 Resp: 24760

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	27.8
125	14.6	11.0	16.4



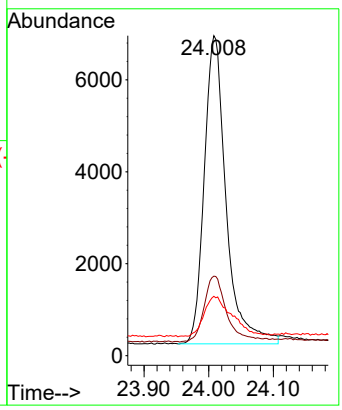


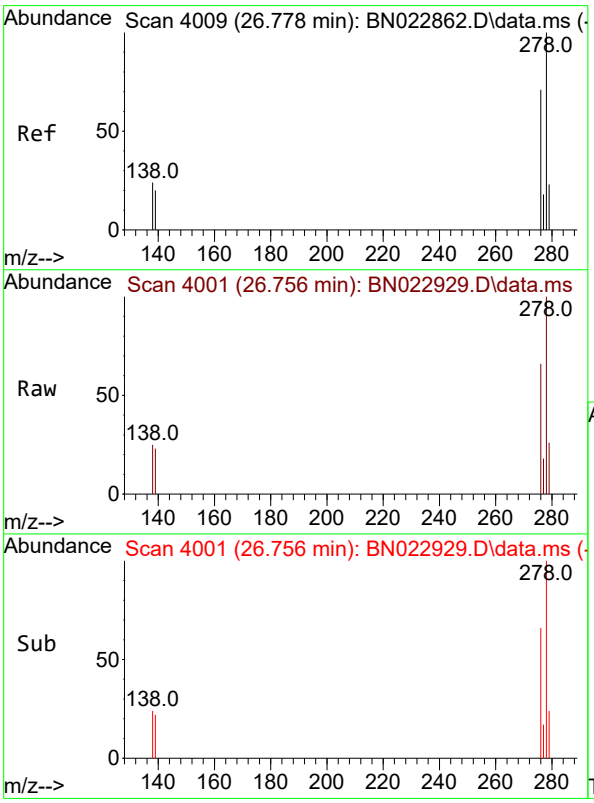
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 24.008 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:252 Resp: 15750

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.2	28.8
125	18.6	12.7	19.1

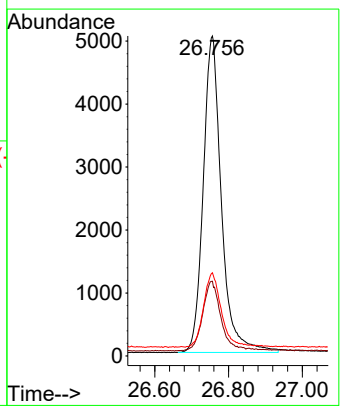


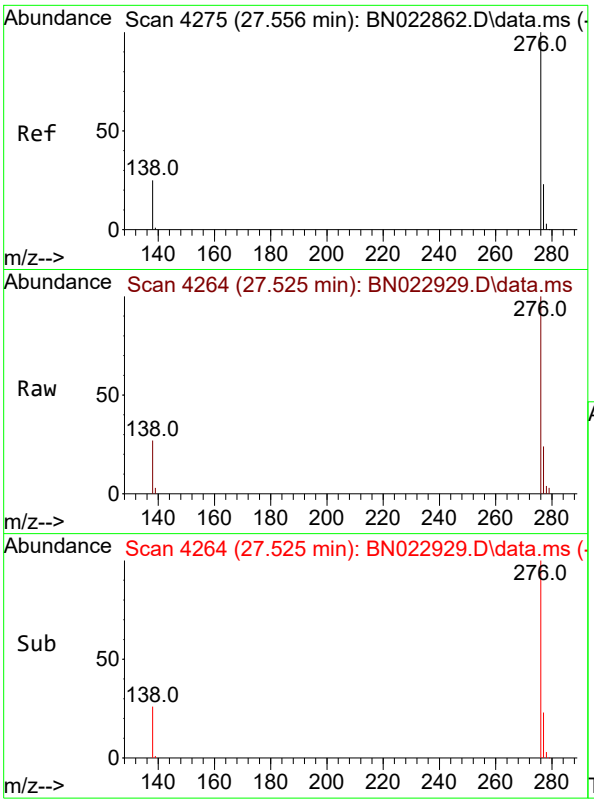


#40
Dibenzo(a,h)anthracene
Concen: 0.440 ng
RT: 26.756 min Scan# 4001
Delta R.T. 0.001 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Tgt Ion:278 Resp: 17219

Ion	Ratio	Lower	Upper
278	100		
139	23.4	17.4	26.0
279	26.0	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.419 ng
RT: 27.525 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN022929.D
Acq: 28 Nov 2022 23:40

Instrument :
BNA_N
ClientSampleId :
PB149143BS

Tgt Ion:276 Resp: 17665

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	27.4	21.4	32.2