Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022930.D
Acq On : 29 Nov 2022 00:17
Operator : CG/JU
Sample : PB149143BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Quant Time: Nov 29 05:23:37 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	8594	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	23332	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	12559	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	24955	0.400	ng	#	0.00
29) Chrysene-d12	21.634	240	15641	0.400	ng		0.00
35) Perylene-d12	24.118	264	11656	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	8242	0.369	ng		0.00
5) Phenol-d6	7.212	99	10618	0.373	ng		0.00
8) Nitrobenzene-d5	9.228	82	7253	0.400	ng		0.00
11) 2-Methylnaphthalene-d10	12.469	152	18626	0.368	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1940	0.320	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	24722	0.430	ng		0.00
27) Fluoranthene-d10	19.473	212	24647	0.364	ng		0.00
31) Terphenyl-d14	20.067	244	15475	0.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	4375	0.401	ng		98
3) n-Nitrosodimethylamine	3.774	42	4295	0.365	ng	#	97
6) bis(2-Chloroethyl)ether	7.479	93	11152	0.418	ng		100
9) Naphthalene	10.936	128	29334	0.408	ng		100
10) Hexachlorobutadiene	11.224	225	6237	0.423	ng	#	99
12) 2-Methylnaphthalene	12.155	142	4796	0.327	ng		100
16) Acenaphthylene	14.420	152	24756	0.372	ng		99
17) Acenaphthene	14.763	154	17631	0.403	ng		99
18) Fluorene	15.739	166	22085	0.394	ng		97
20) 4,6-Dinitro-2-methylph...	15.813	198	935	0.335	ng		90
21) 4-Bromophenyl-phenylether	16.633	248	7324	0.407	ng	#	85
22) Hexachlorobenzene	16.757	284	9484	0.431	ng		100
23) Atrazine	16.906	200	4260	0.335	ng	#	90
24) Pentachlorophenol	17.092	266	1744	0.290	ng		99
25) Phenanthrene	17.489	178	35075	0.404	ng		100
26) Anthracene	17.576	178	28156	0.374	ng		99
28) Fluoranthene	19.503	202	33898	0.367	ng		99
30) Pyrene	19.865	202	32767	0.402	ng		100
32) Benzo(a)anthracene	21.616	228	24027	0.380	ng		100
33) Chrysene	21.670	228	27592	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.545	149	8916	0.351	ng		100
36) Indeno(1,2,3-cd)pyrene	26.731	276	22889	0.473	ng		99
37) Benzo(b)fluoranthene	23.358	252	21650	0.416	ng		97
38) Benzo(k)fluoranthene	23.404	252	24068	0.427	ng		99
39) Benzo(a)pyrene	24.009	252	15530	0.391	ng	#	95
40) Dibenzo(a,h)anthracene	26.752	278	19261	0.501	ng		97
41) Benzo(g,h,i)perylene	27.527	276	19651	0.475	ng		99

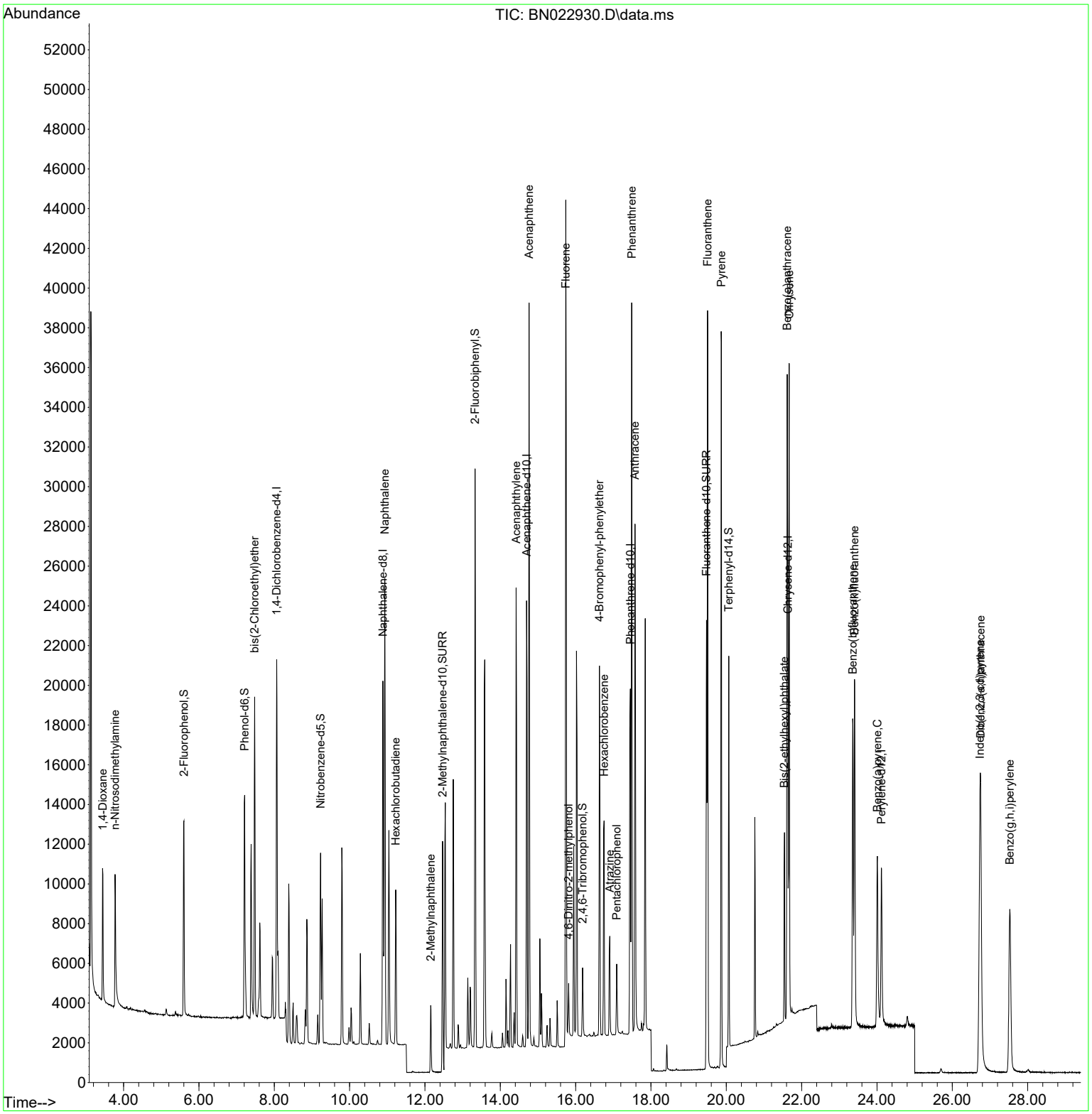
(#) = qualifier out of range (m) = manual integration (+) = signals summed

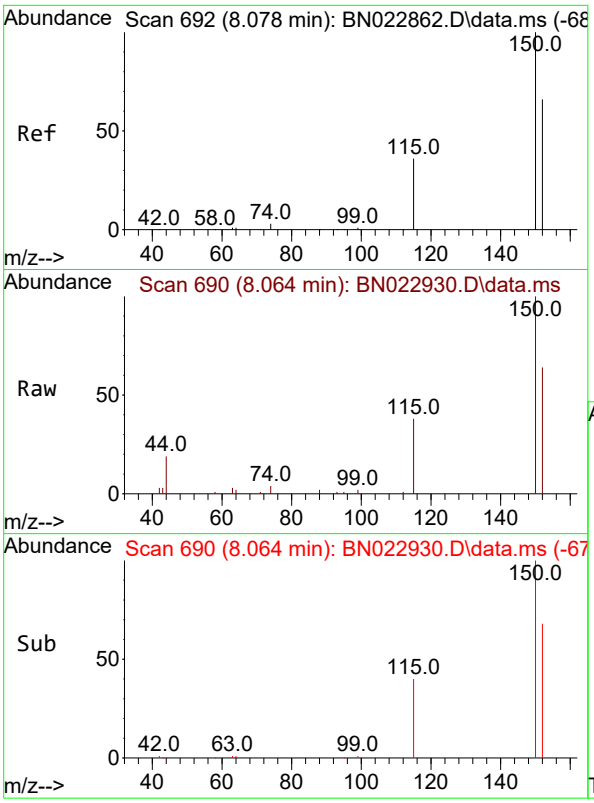
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022930.D
Acq On : 29 Nov 2022 00:17
Operator : CG/JU
Sample : PB149143BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Quant Time: Nov 29 05:23:37 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



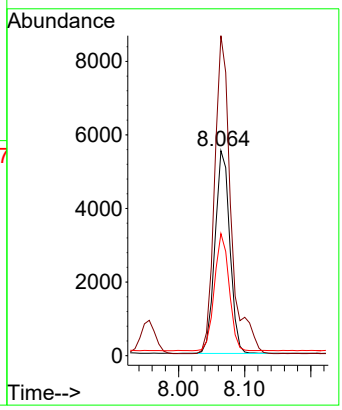


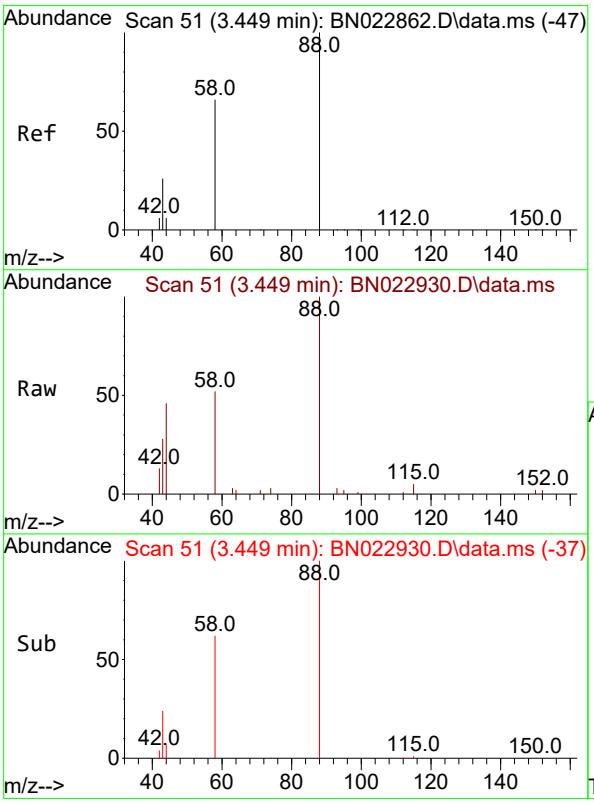
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:152 Resp: 8594

Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.2	181.8
115	59.6	46.2	69.4

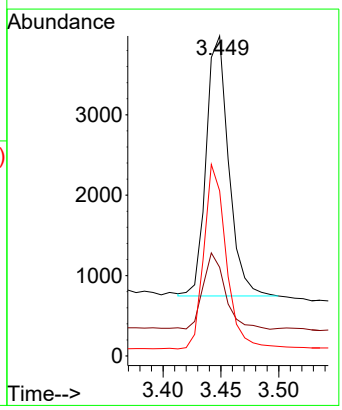


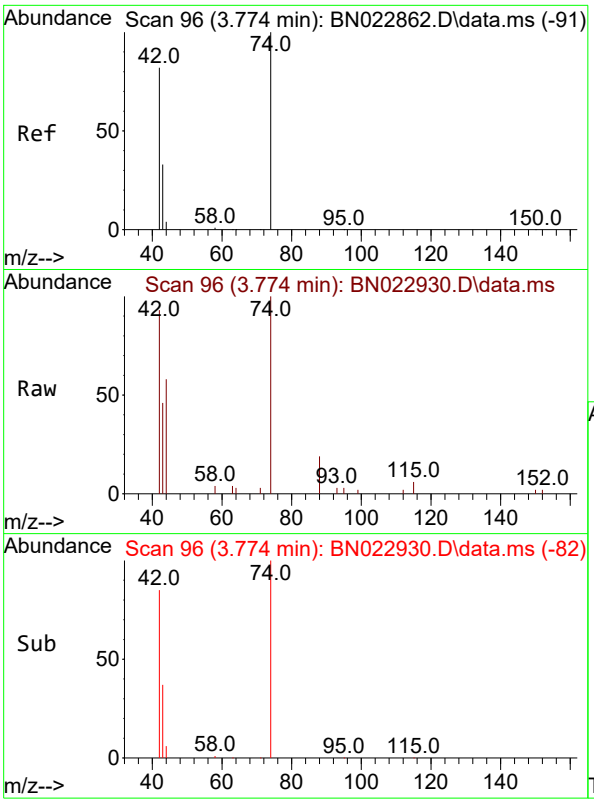


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion: 88 Resp: 4375

Ion	Ratio	Lower	Upper
88	100		
43	29.1	25.4	38.2
58	70.1	56.5	84.7



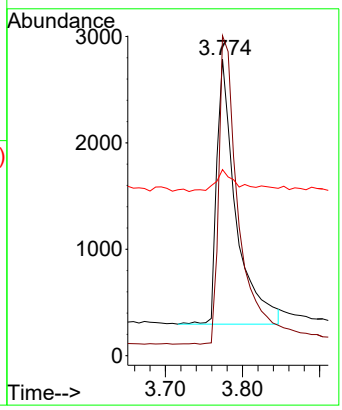


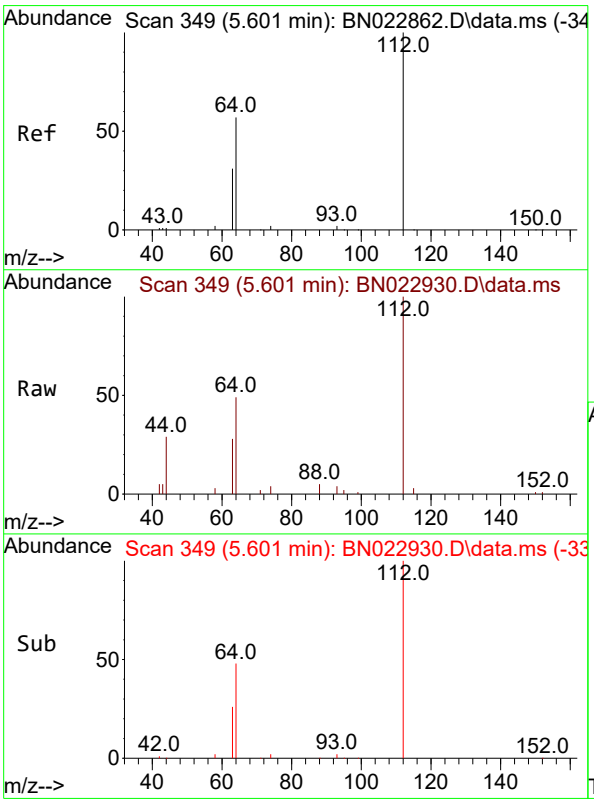
#3
n-Nitrosodimethylamine
Concen: 0.365 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion: 42 Resp: 4295

Ion	Ratio	Lower	Upper
42	100		
74	120.9	99.3	148.9
44	8.5	5.4	8.2#

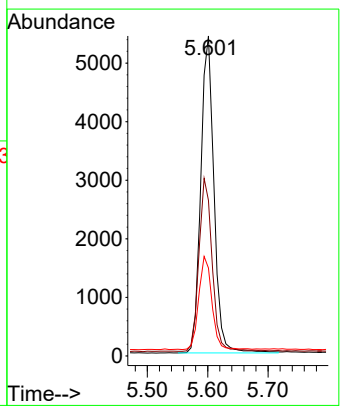


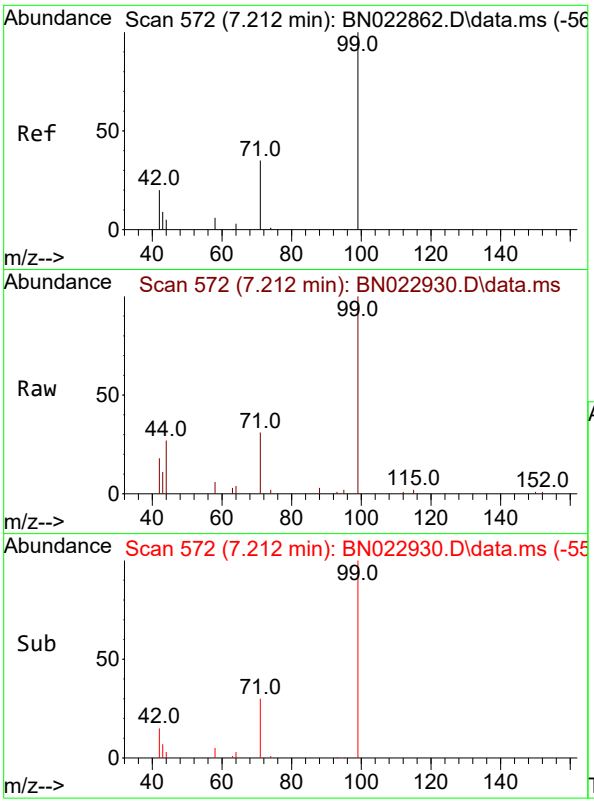


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:112 Resp: 8242

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.4	65.2
63	28.9	23.4	35.2



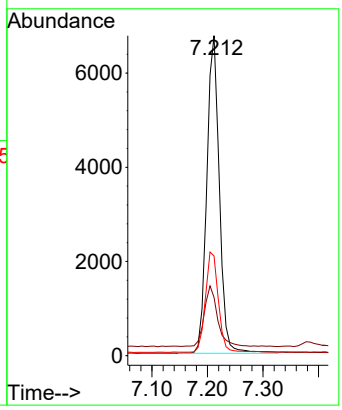


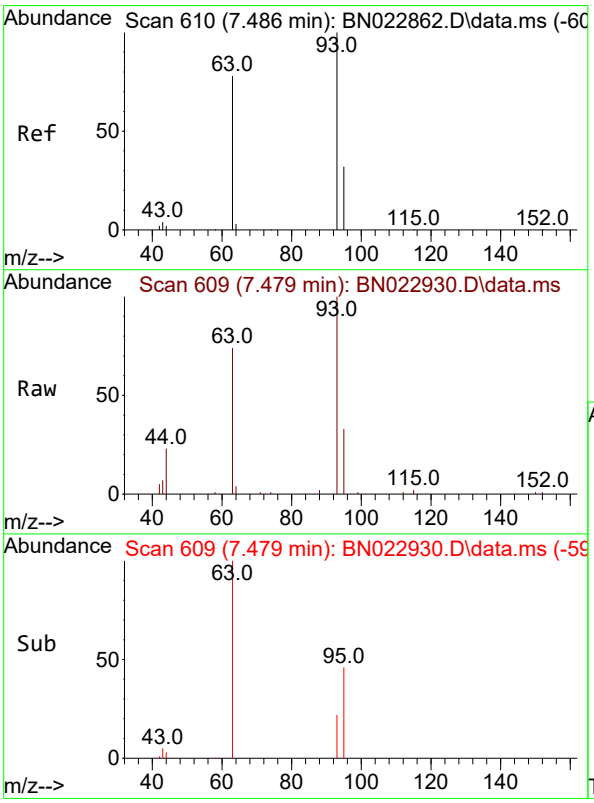
#5
Phenol-d6
Concen: 0.373 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion: 99 Resp: 10618

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.0	24.0
71	32.3	26.8	40.2

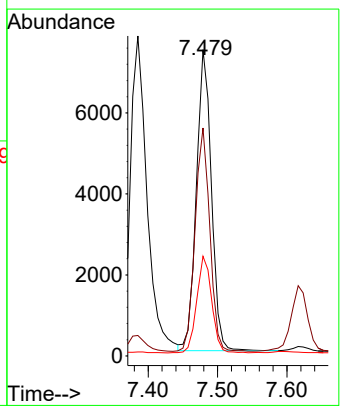


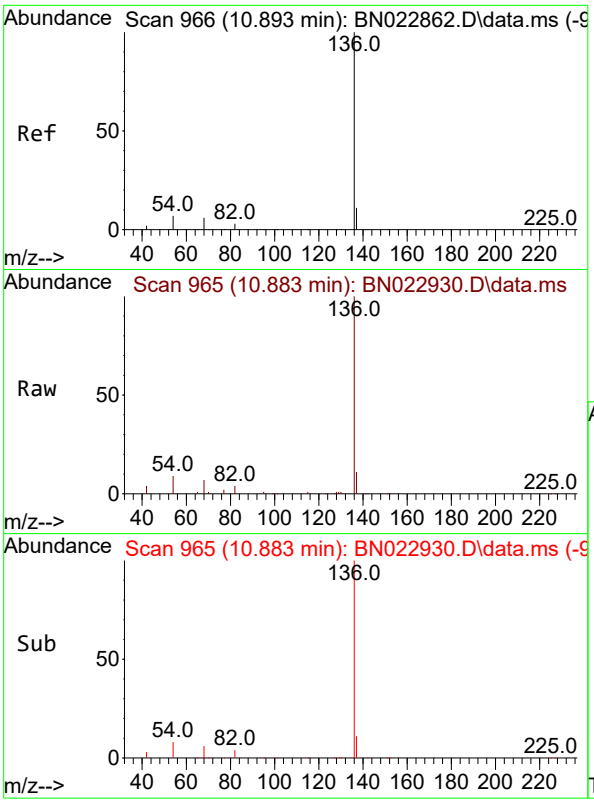


#6
bis(2-Chloroethyl)ether
Concen: 0.418 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion: 93 Resp: 11152

Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.3	87.5
95	32.0	25.8	38.6



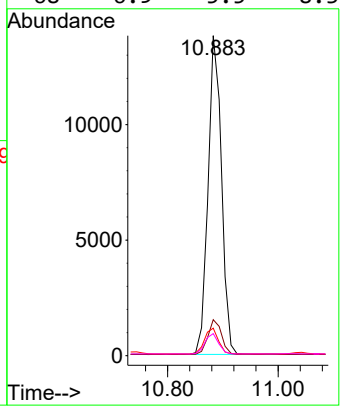


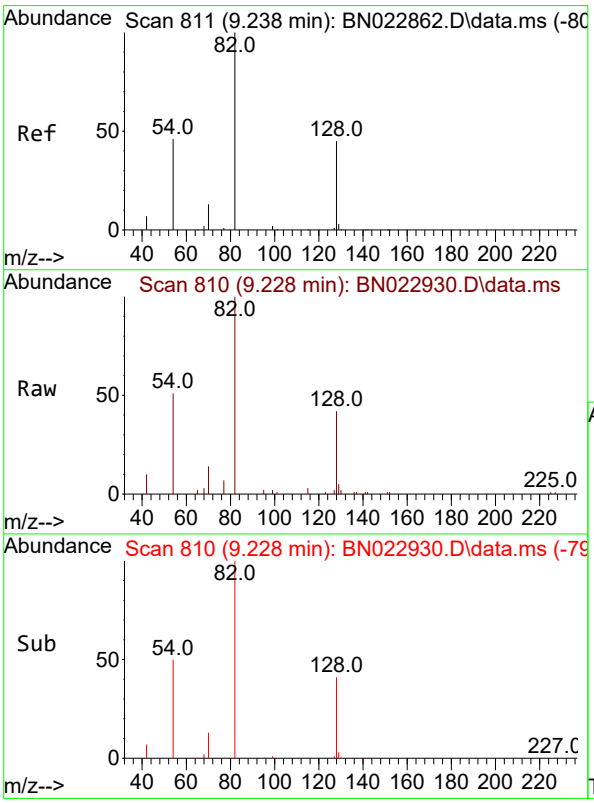
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:136 Resp: 23332

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.6	6.6	9.8
68	6.9	5.5	8.3

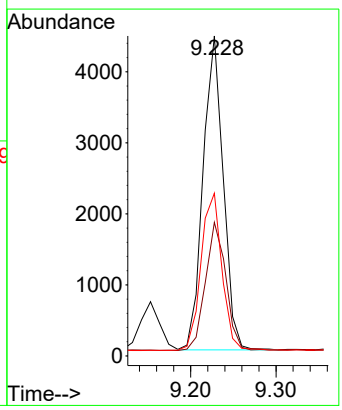


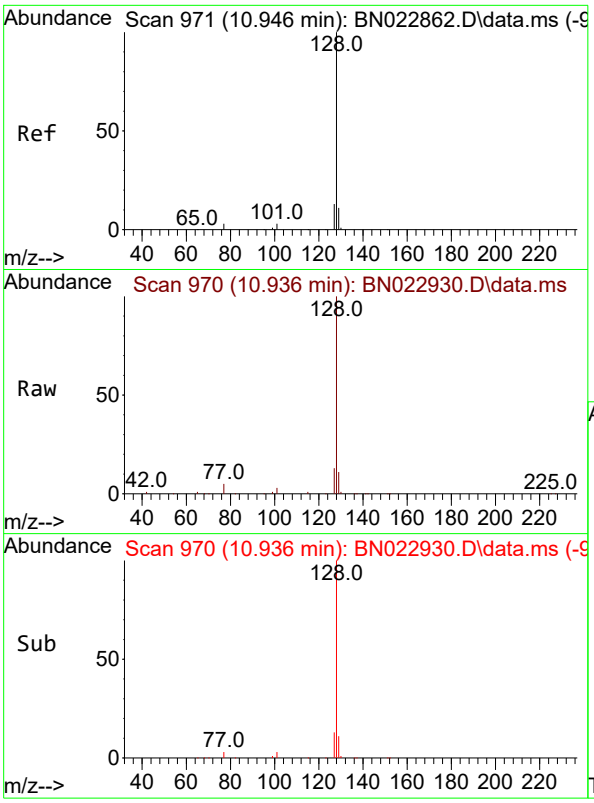


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.228 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion: 82 Resp: 7253

Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.6	54.8
54	50.8	38.5	57.7



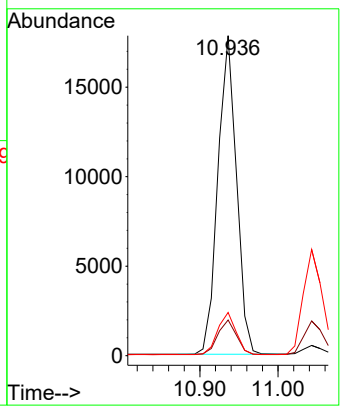


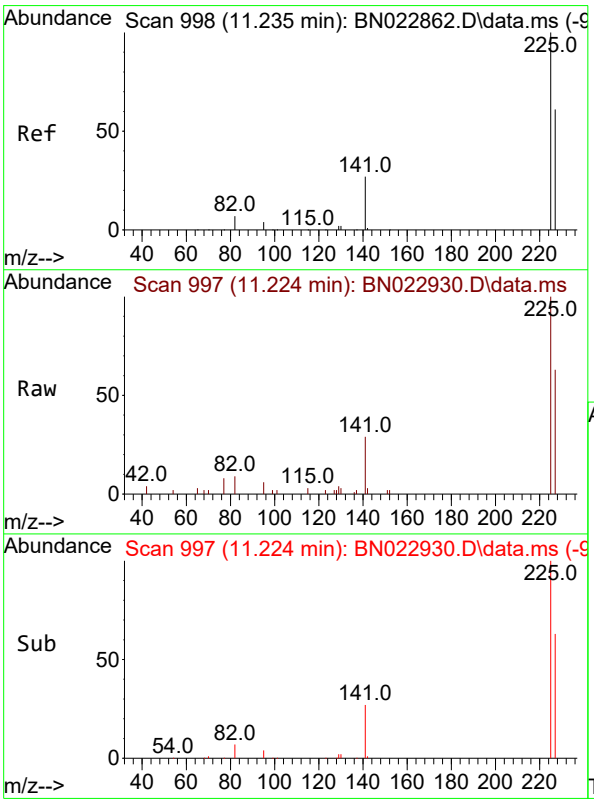
#9
Naphthalene
Concen: 0.408 ng
RT: 10.936 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:128 Resp: 29334

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.5	10.8	16.2

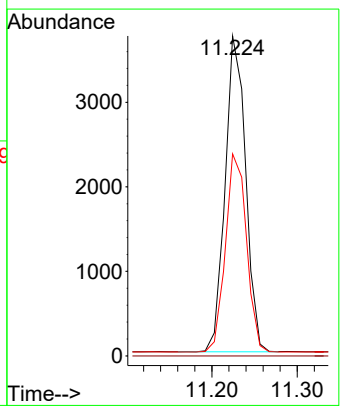


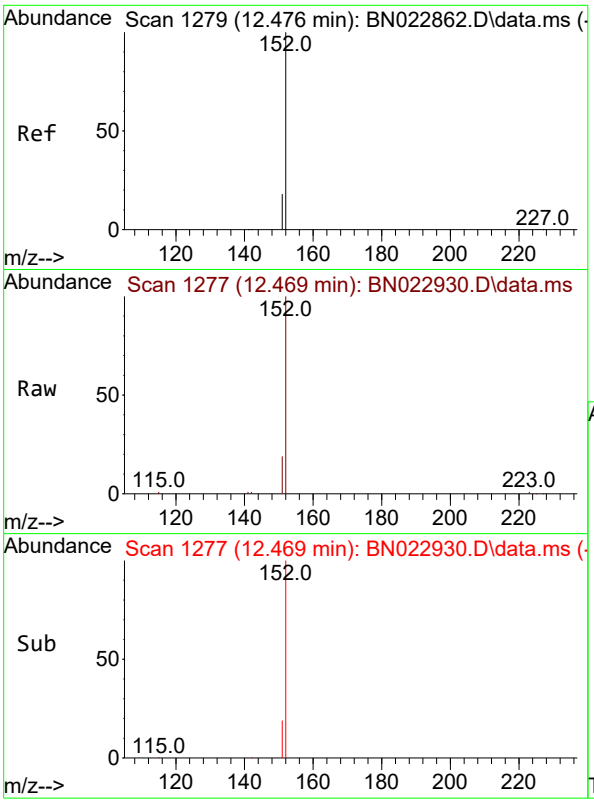


#10
Hexachlorobutadiene
Concen: 0.423 ng
RT: 11.224 min Scan# 997
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:225 Resp: 6237

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.8	76.2



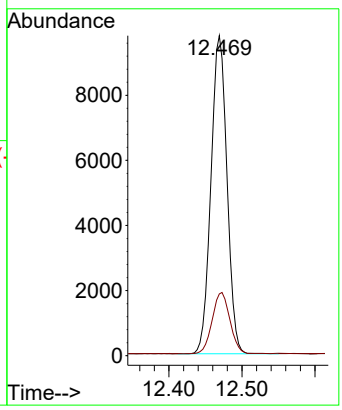


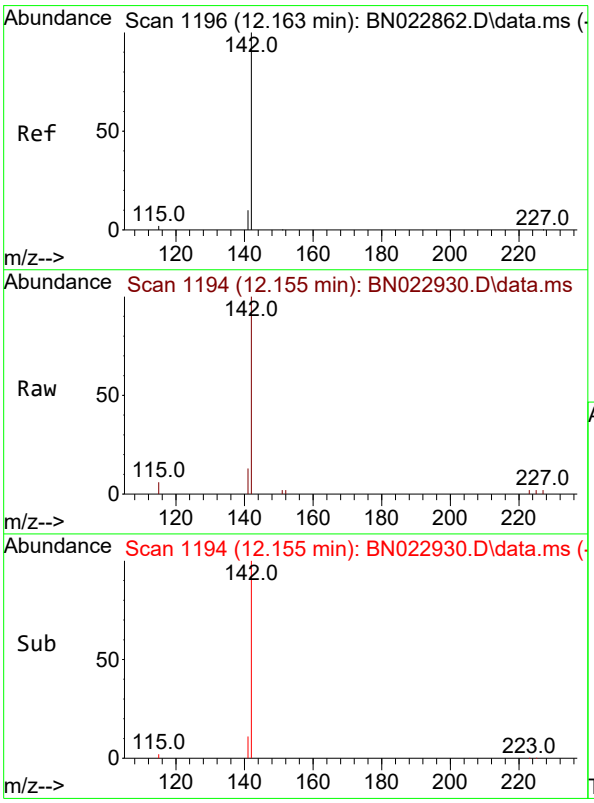
#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:152 Resp: 18626

Ion	Ratio	Lower	Upper
152	100		
151	18.3	18.6	27.8#

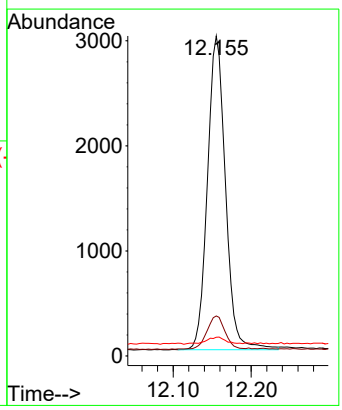


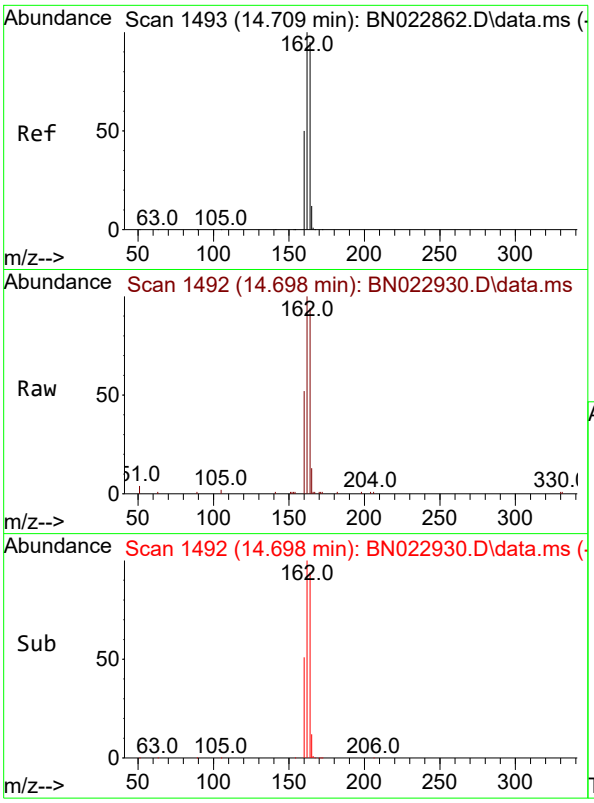


#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.155 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:142 Resp: 4796

Ion	Ratio	Lower	Upper
142	100		
141	12.5	10.1	15.1
115	5.8	4.6	7.0



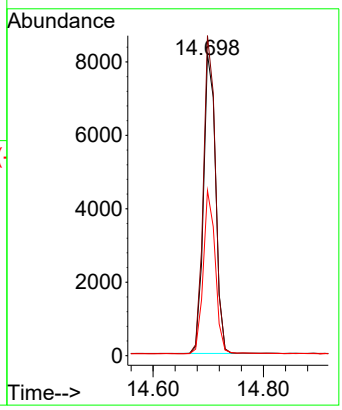


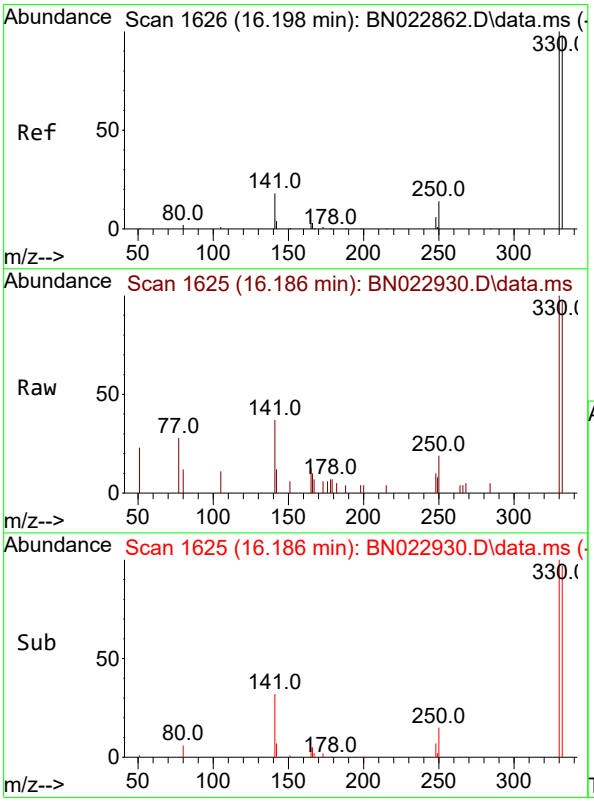
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:164 Resp: 12559

Ion	Ratio	Lower	Upper
164	100		
162	106.1	84.2	126.4
160	54.7	42.5	63.7

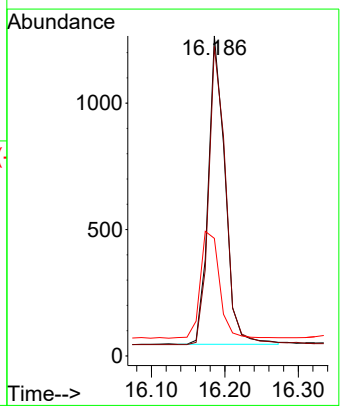


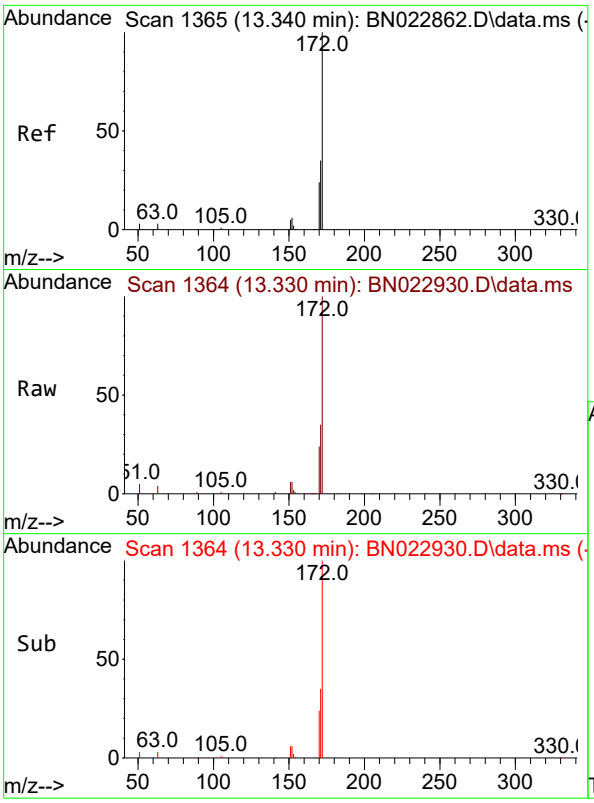


#14
2,4,6-Tribromophenol
Concen: 0.320 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:330 Resp: 1940

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.5	114.7
141	39.5	32.6	48.8



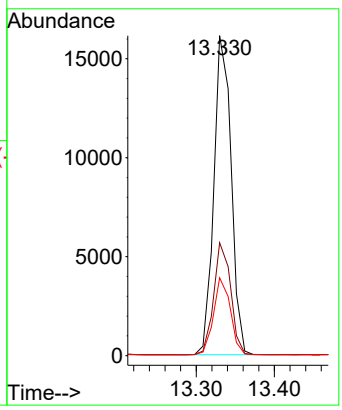


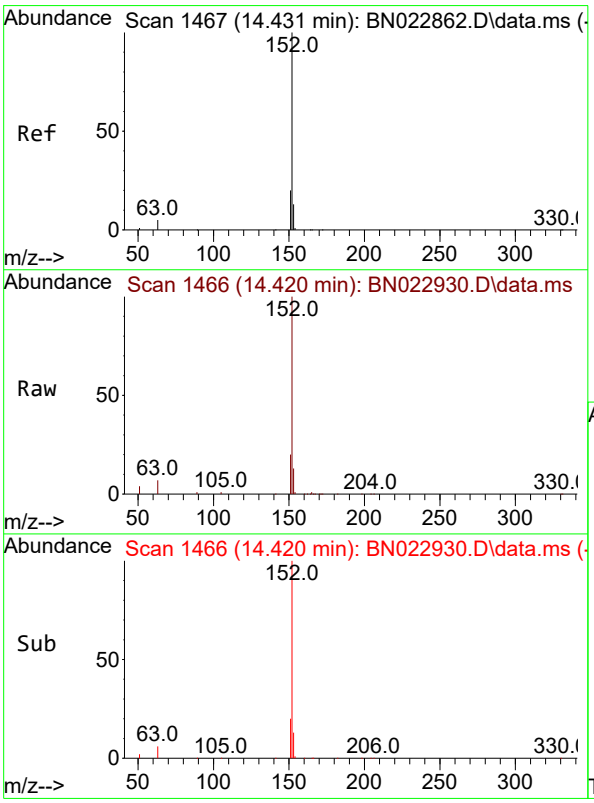
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:172 Resp: 24722

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	24.4	19.3	28.9

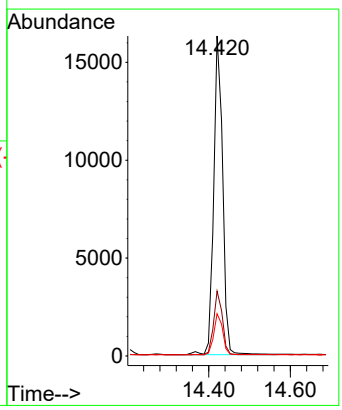


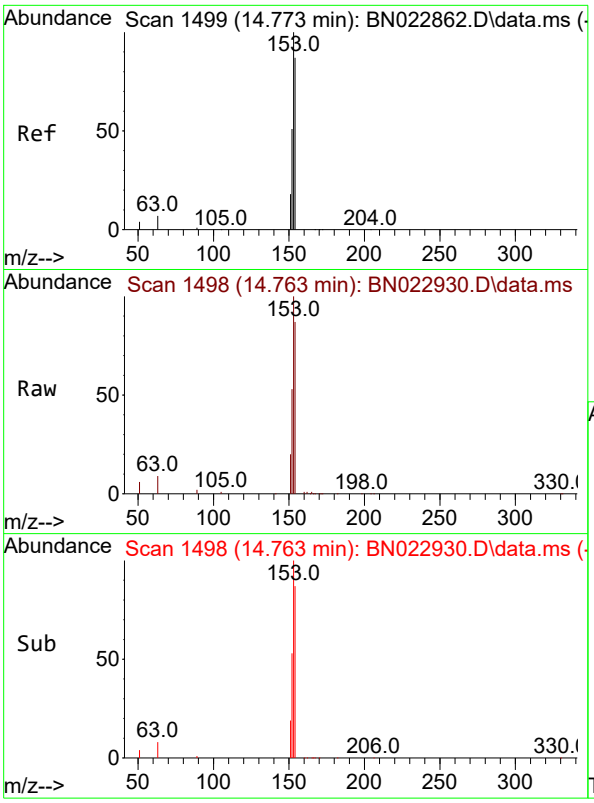


#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:152 Resp: 24756

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	13.0	10.5	15.7



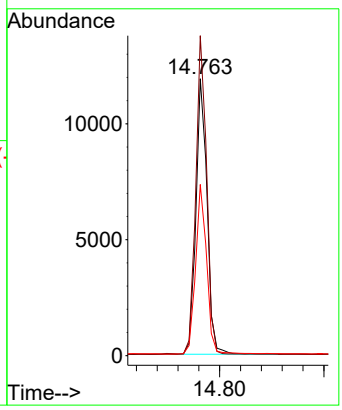


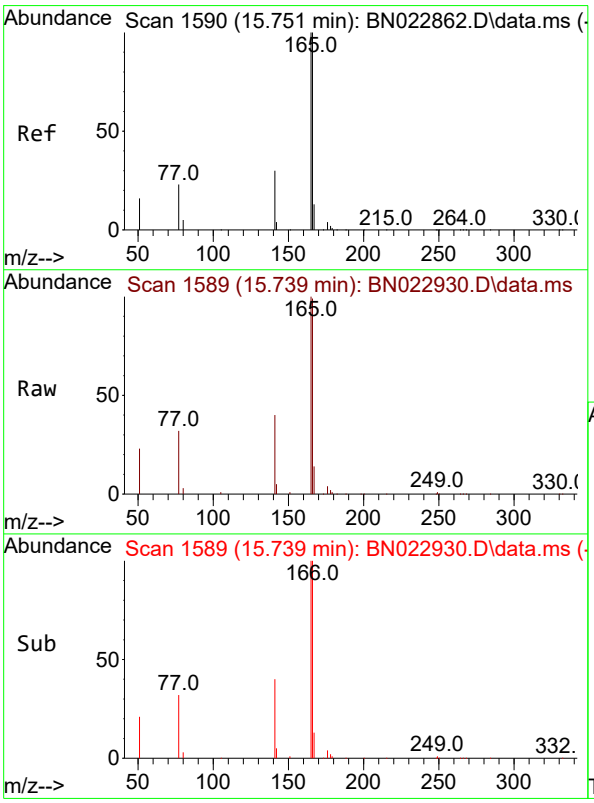
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.763 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:154 Resp: 17631

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.0	135.0
152	61.0	47.0	70.6

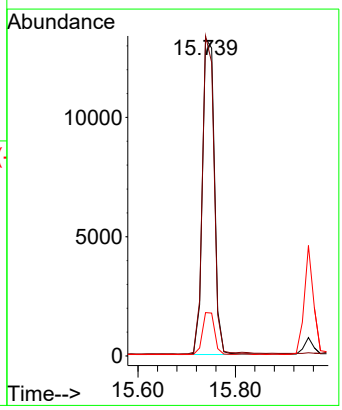


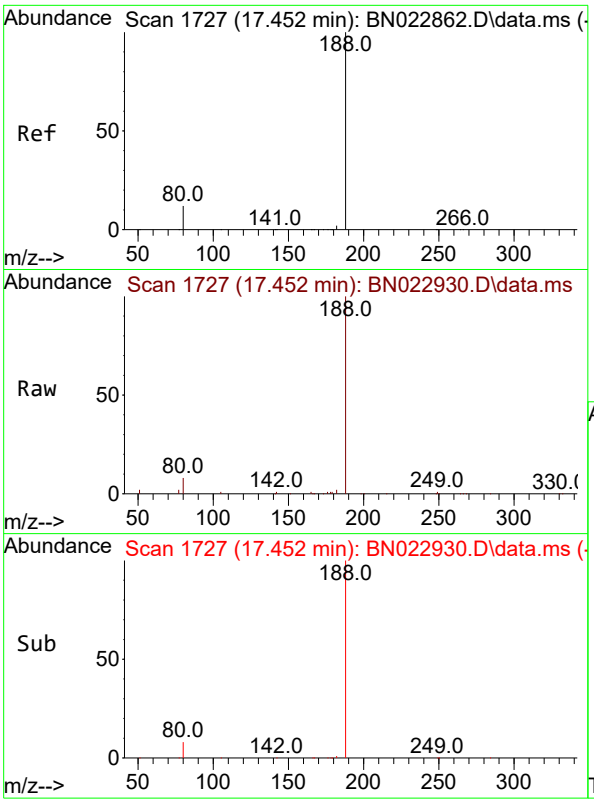


#18
Fluorene
Concen: 0.394 ng
RT: 15.739 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:166 Resp: 22085

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.4	119.0
167	13.2	10.7	16.1



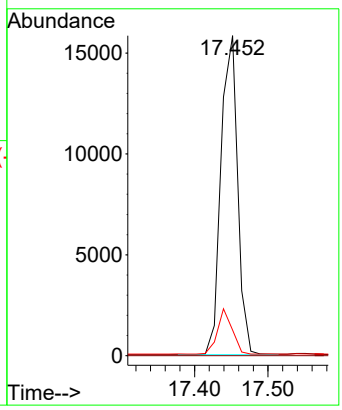


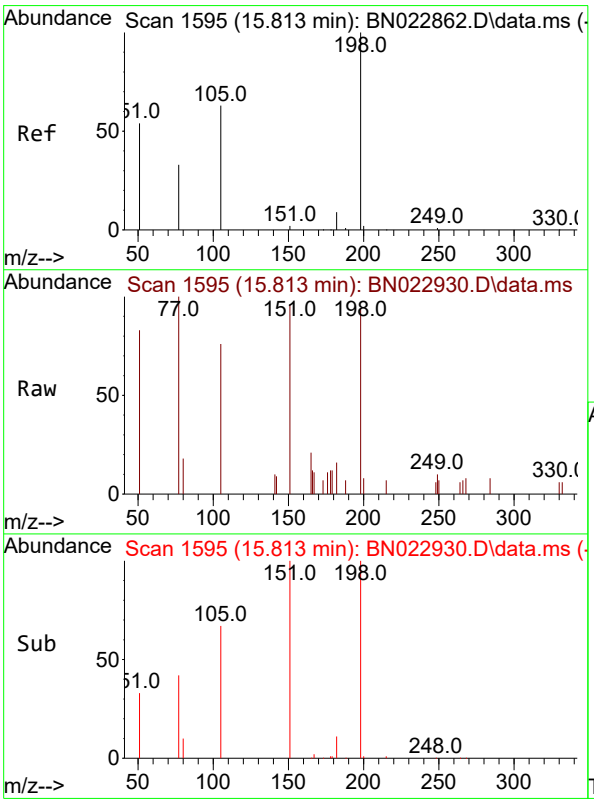
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:188 Resp: 24955

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	10.3	15.5#

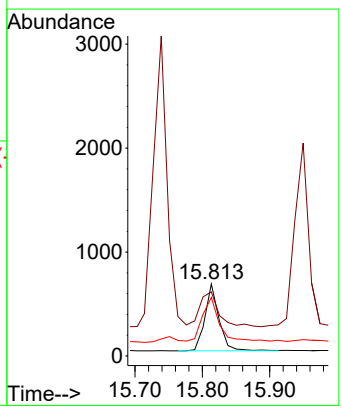


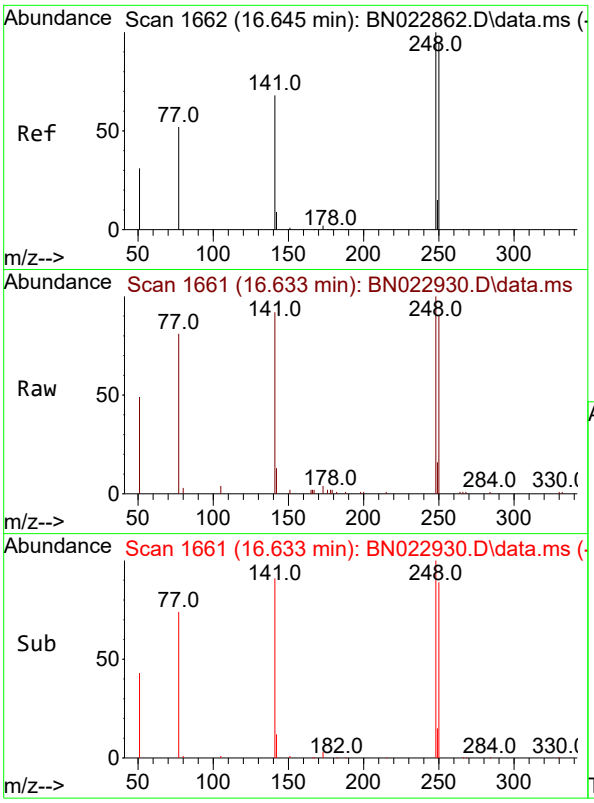


#20
4,6-Dinitro-2-methylphenol
Concen: 0.335 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:198 Resp: 935

Ion	Ratio	Lower	Upper
198	100		
51	89.0	80.5	120.7
105	81.4	70.5	105.7



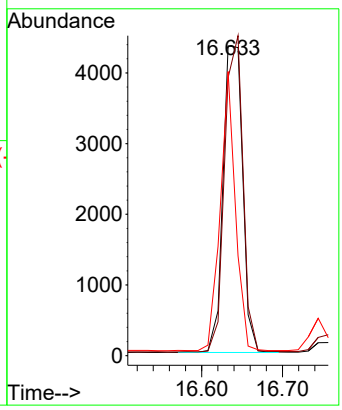


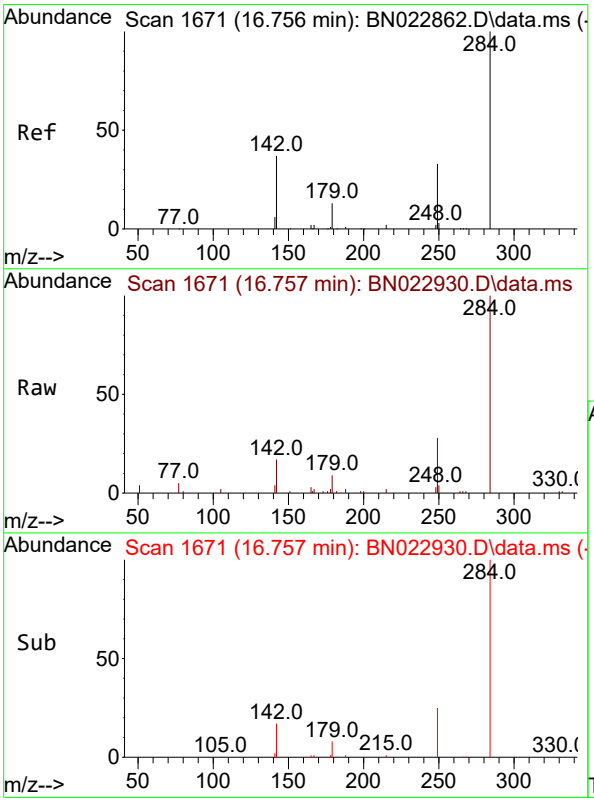
#21
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.633 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:248 Resp: 7324

Ion	Ratio	Lower	Upper
248	100		
250	89.8	75.8	113.6
141	91.7	55.4	83.0#

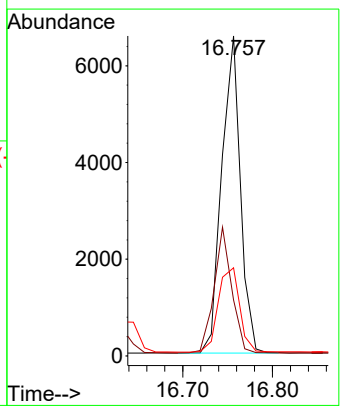


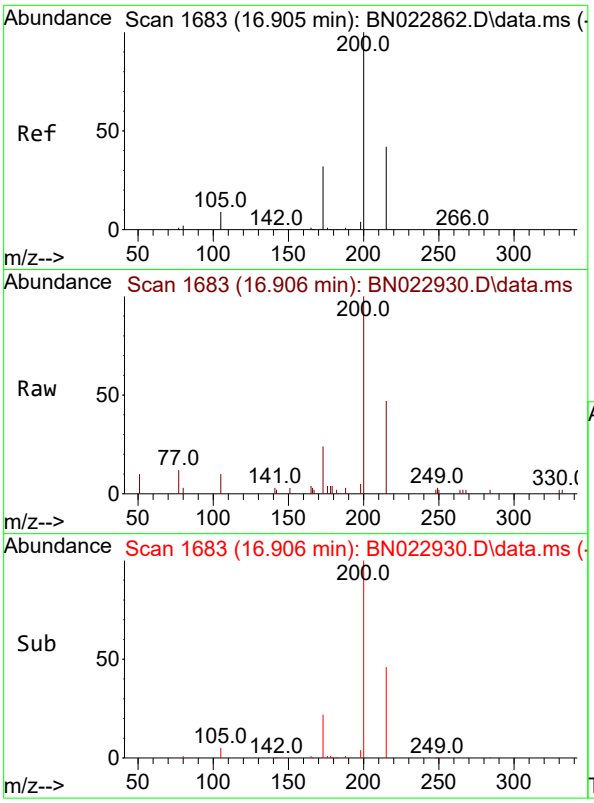


#22
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:284 Resp: 9484

Ion	Ratio	Lower	Upper
284	100		
142	37.5	30.1	45.1
249	30.5	24.5	36.7



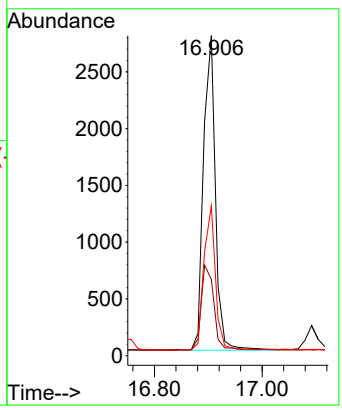


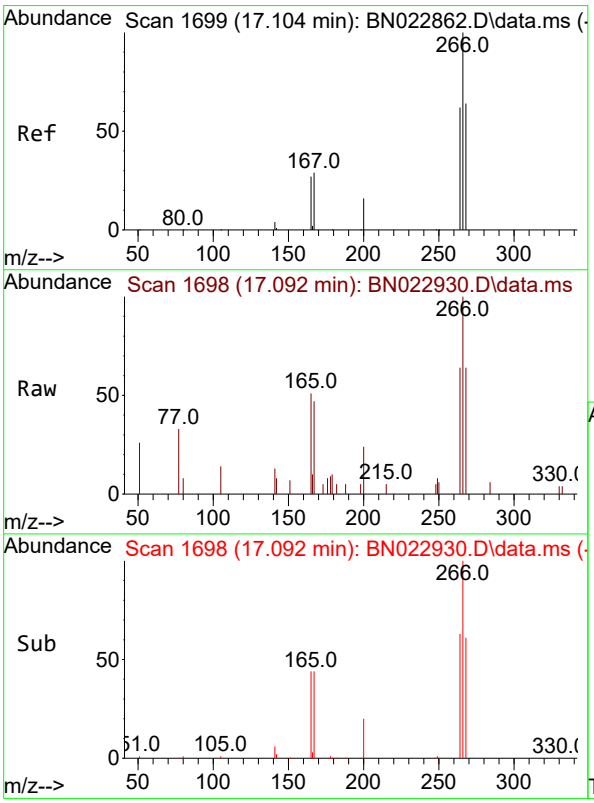
#23
Atrazine
Concen: 0.335 ng
RT: 16.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:200 Resp: 4260

Ion	Ratio	Lower	Upper
200	100		
173	23.9	26.4	39.6#
215	46.7	34.4	51.6

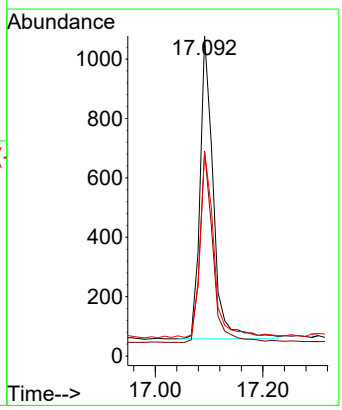


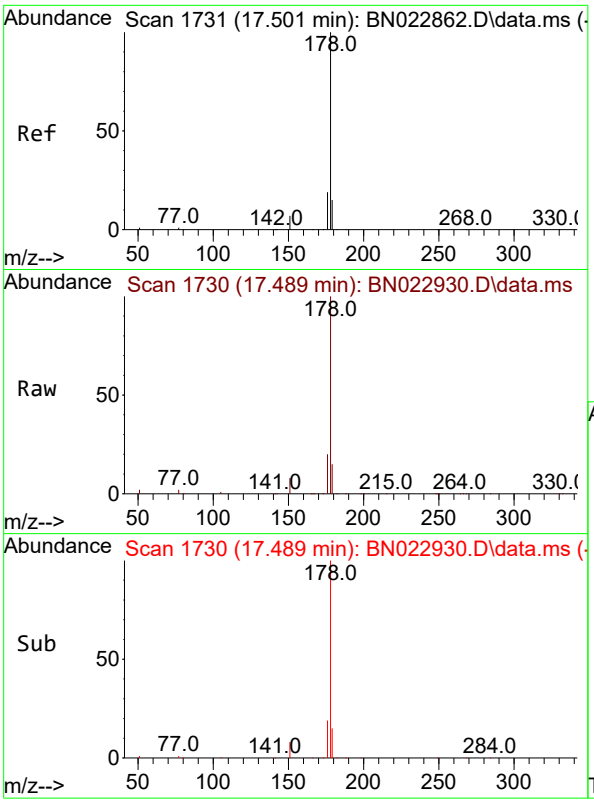


#24
Pentachlorophenol
Concen: 0.290 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:266 Resp: 1744

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.0	75.0
268	62.5	50.9	76.3



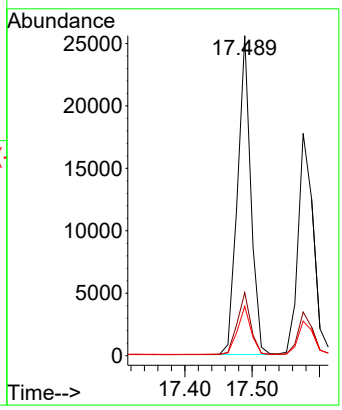


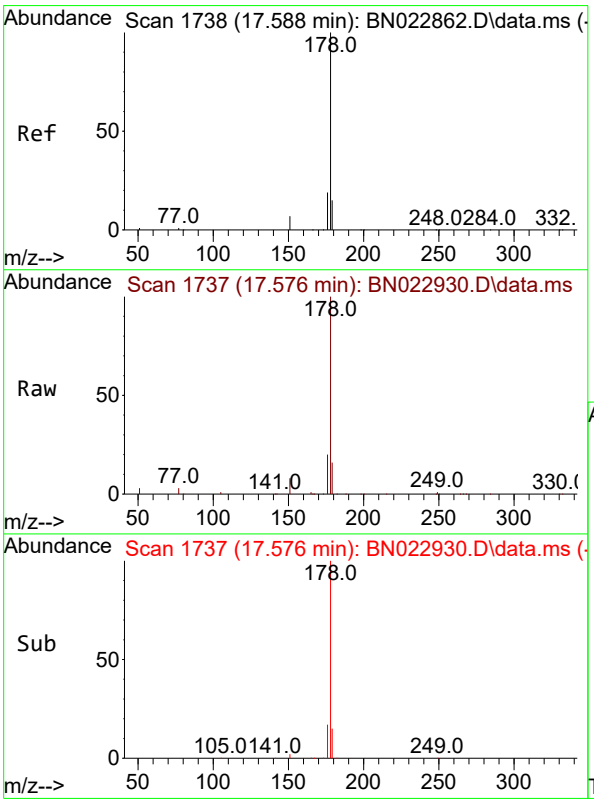
#25
Phenanthrene
Concen: 0.404 ng
RT: 17.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:178 Resp: 35075

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.3	12.2	18.2

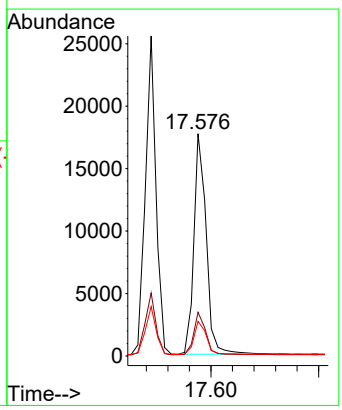


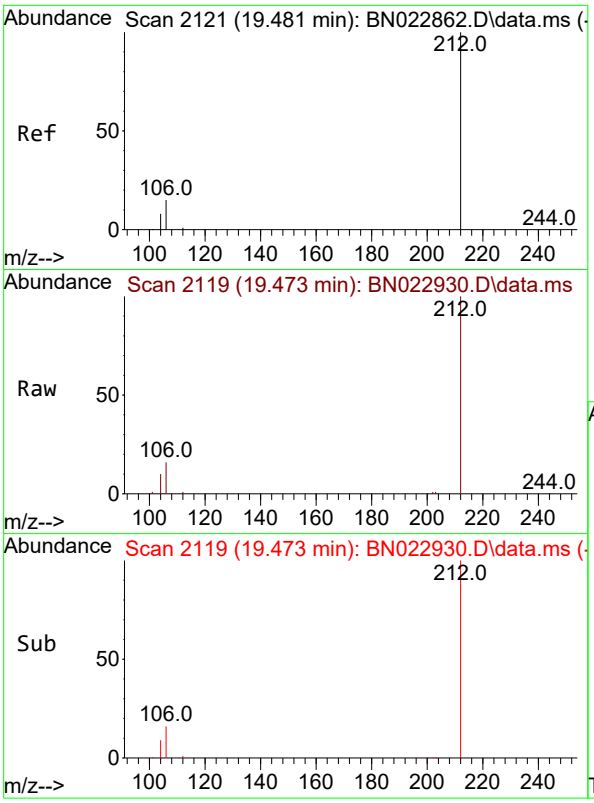


#26
Anthracene
Concen: 0.374 ng
RT: 17.576 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:178 Resp: 28156

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.5	12.2	18.2



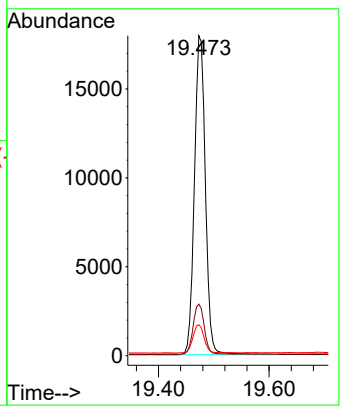


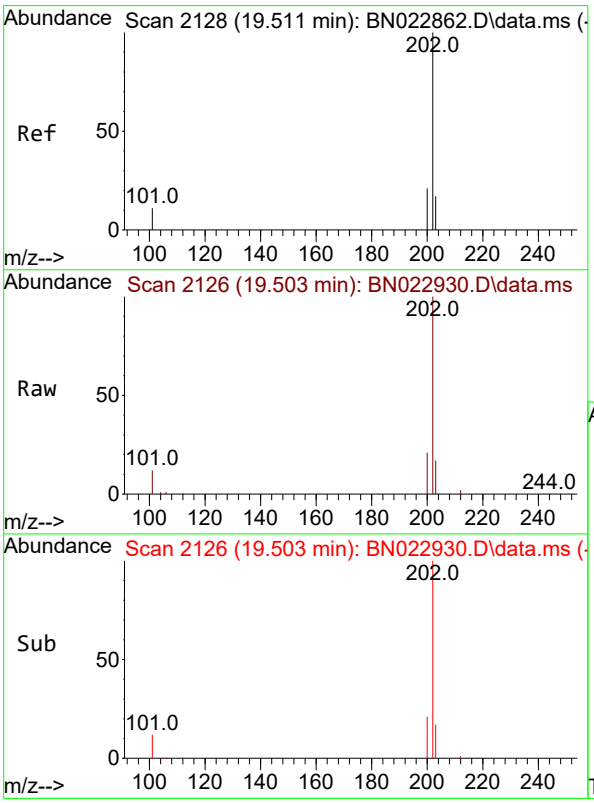
#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 19.473 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:212 Resp: 24647

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.3	18.5
104	8.9	7.0	10.4

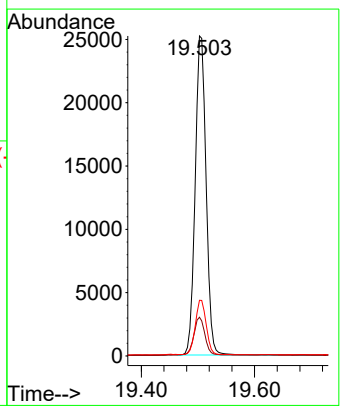


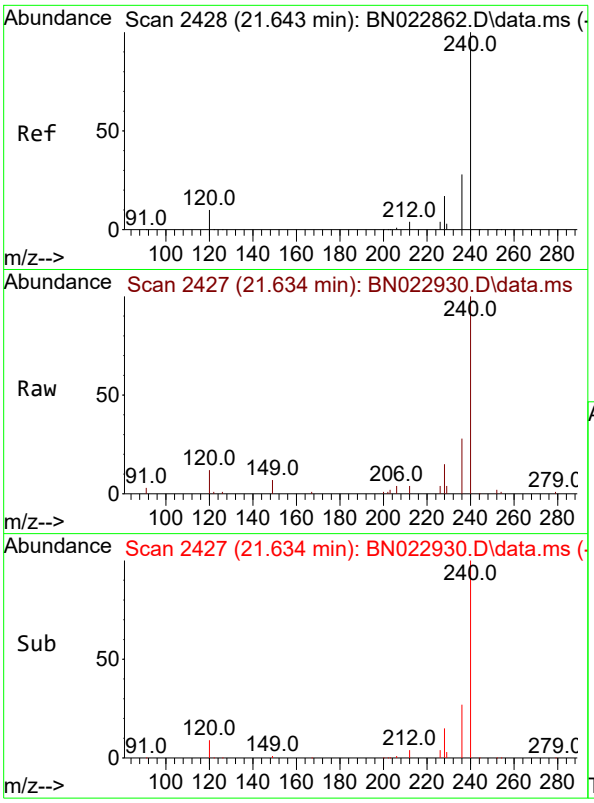


#28
Fluoranthene
Concen: 0.367 ng
RT: 19.503 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:202 Resp: 33898

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
203	17.1	13.7	20.5



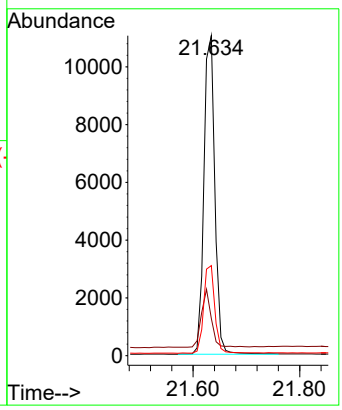


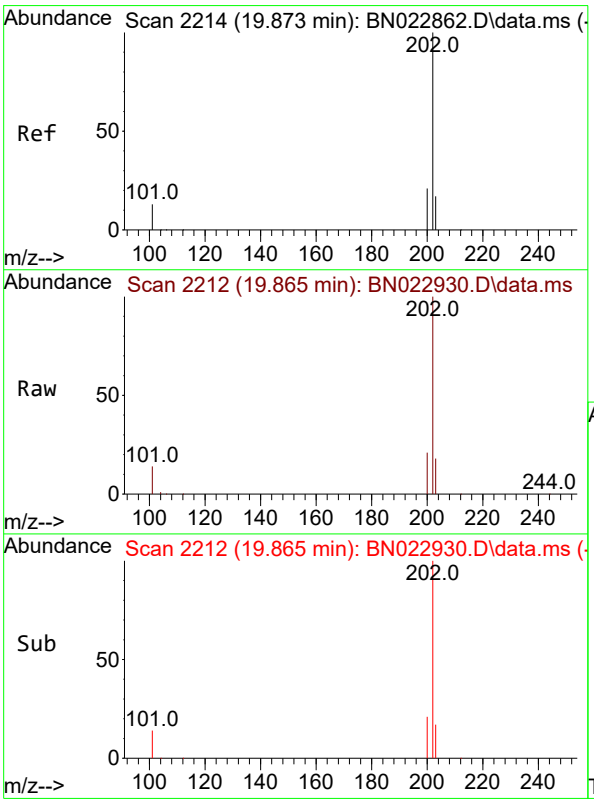
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.634 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:240 Resp: 15641

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	28.1	22.6	34.0

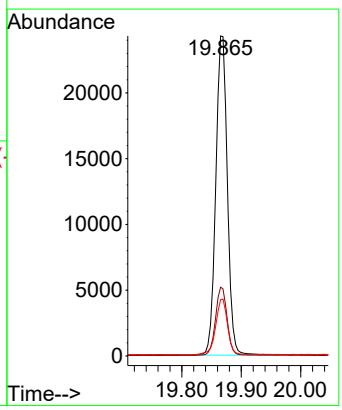


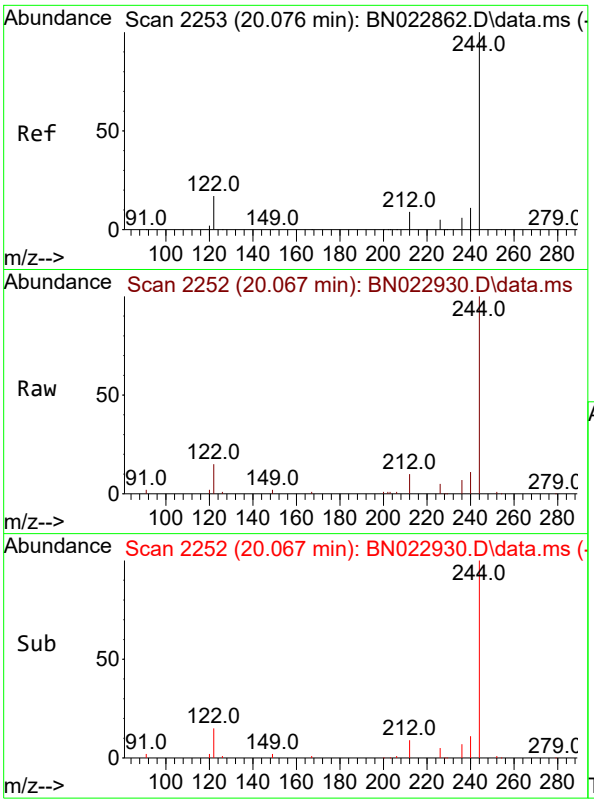


#30
Pyrene
Concen: 0.402 ng
RT: 19.865 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:202 Resp: 32767

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.7	14.2	21.2



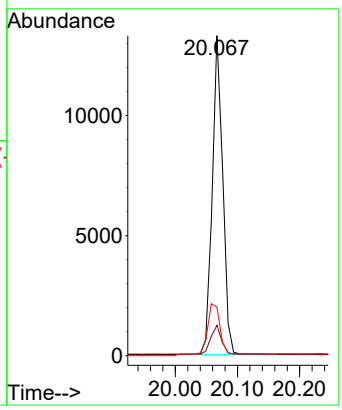


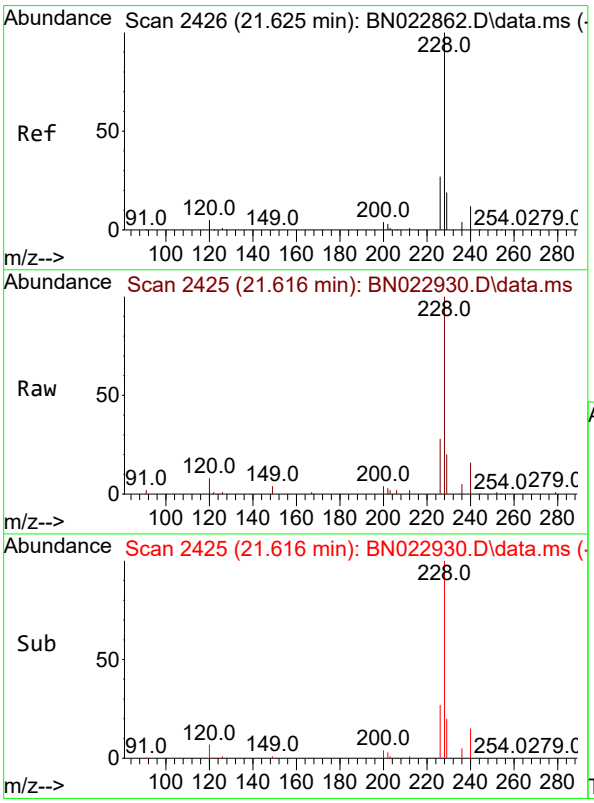
#31
Terphenyl-d14
Concen: 0.421 ng
RT: 20.067 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:244 Resp: 15475

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	15.2	13.9	20.9

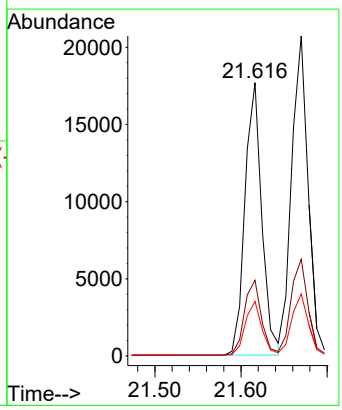


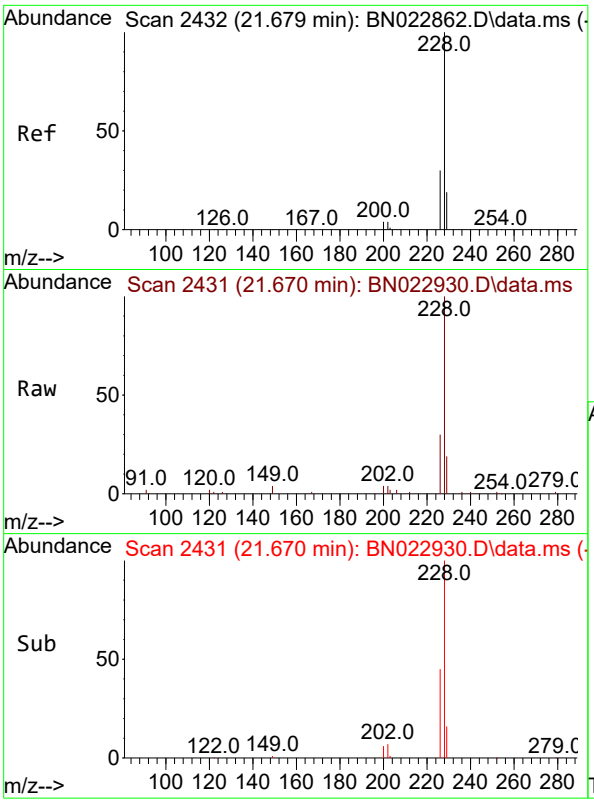


#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.616 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:228 Resp: 24027

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.0	15.8	23.6



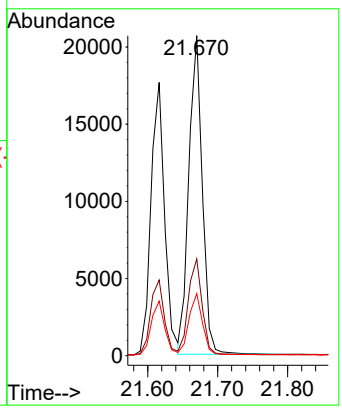


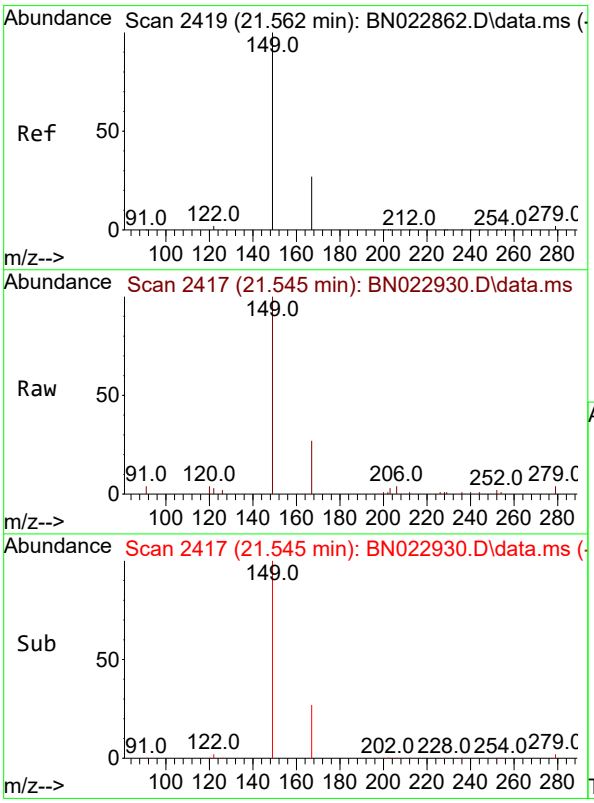
#33
Chrysene
Concen: 0.421 ng
RT: 21.670 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:228 Resp: 27592

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.4	15.8	23.6

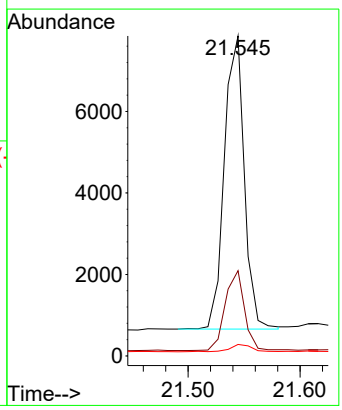


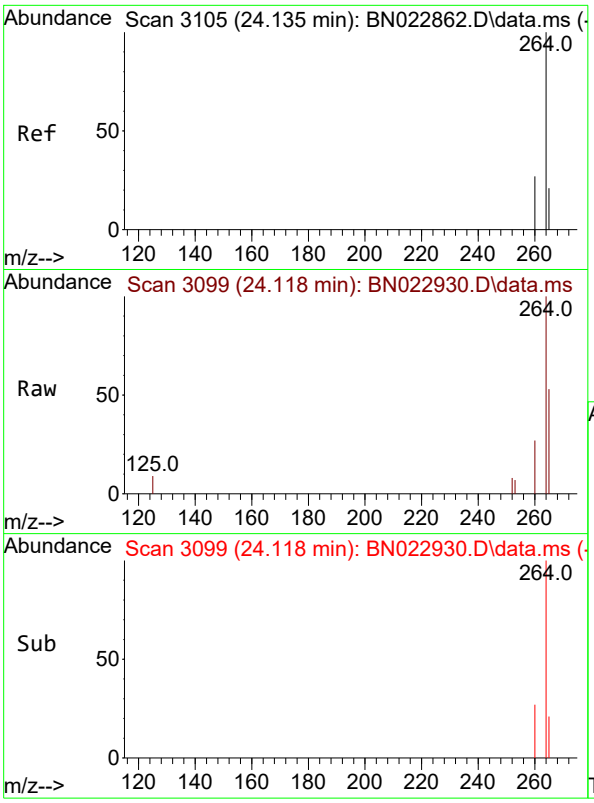


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.351 ng
RT: 21.545 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:149 Resp: 8916

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.8	2.3	3.5



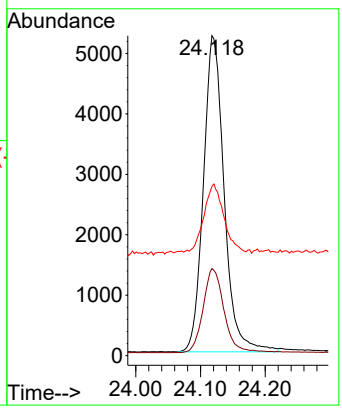


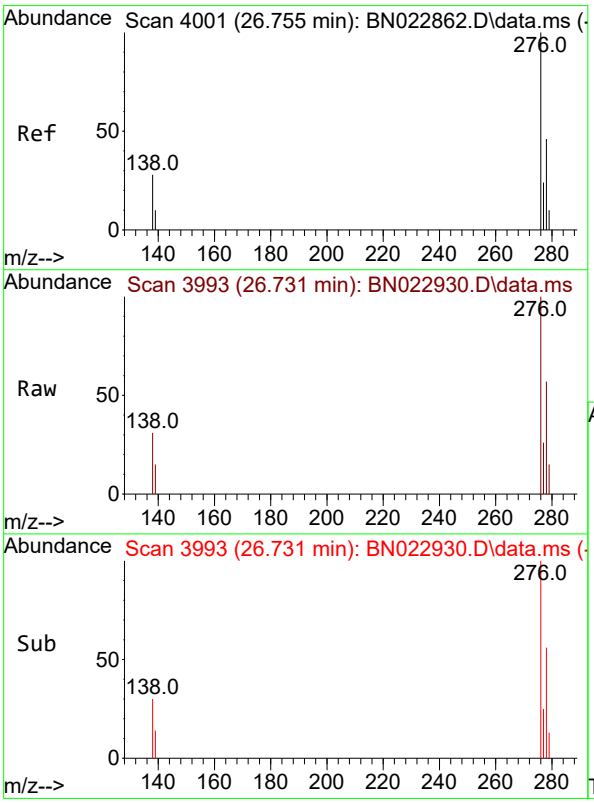
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.118 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:264 Resp: 11656

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.7	32.5
265	52.9	31.0	46.4#

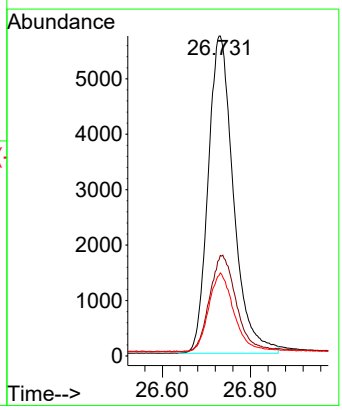


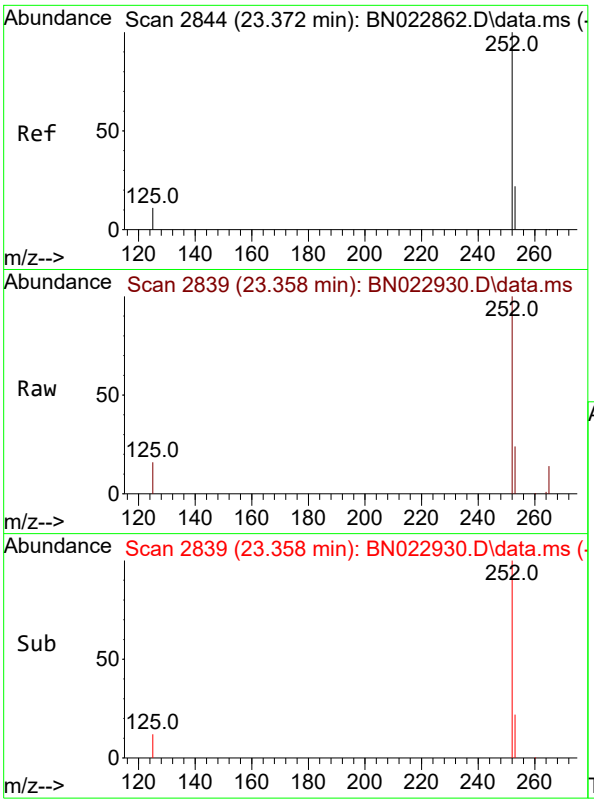


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.473 ng
RT: 26.731 min Scan# 3993
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:276 Resp: 22889

Ion	Ratio	Lower	Upper
276	100		
138	31.7	24.4	36.6
277	25.0	19.9	29.9



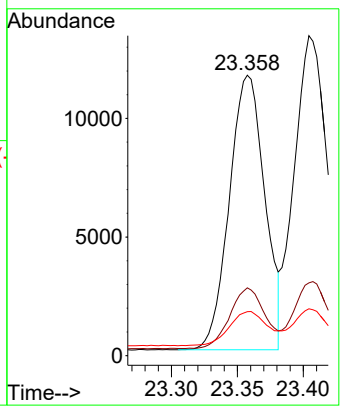


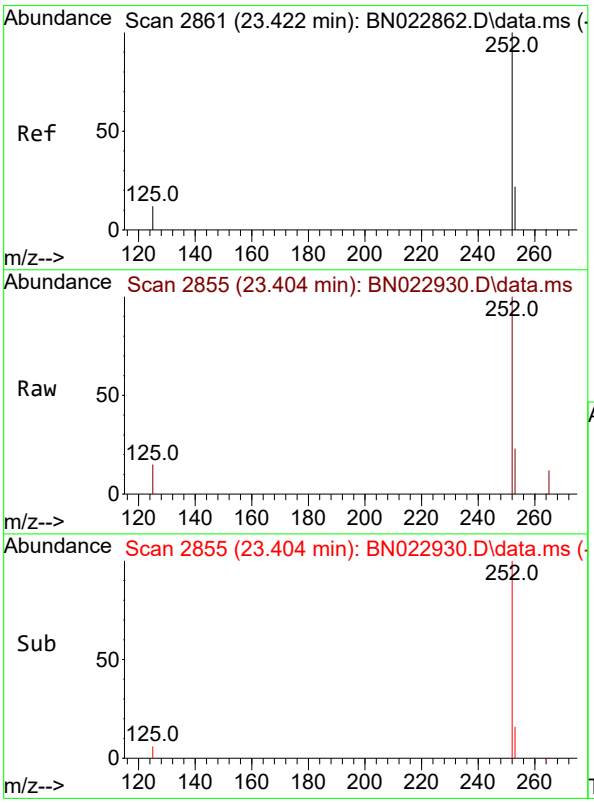
#37
Benzo(b)fluoranthene
Concen: 0.416 ng
RT: 23.358 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:252 Resp: 21650

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	15.7	10.8	16.2

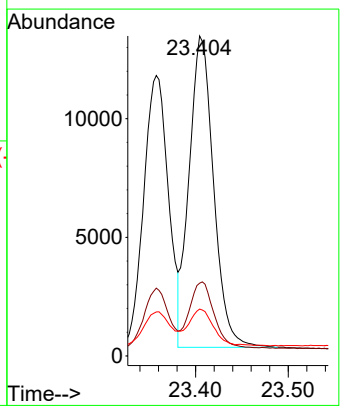


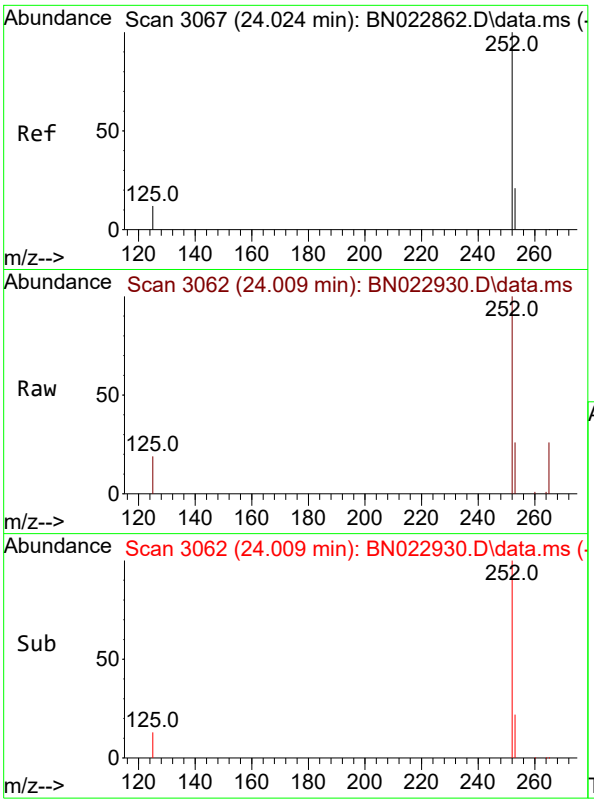


#38
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 23.404 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:252 Resp: 24068

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	14.6	11.0	16.4



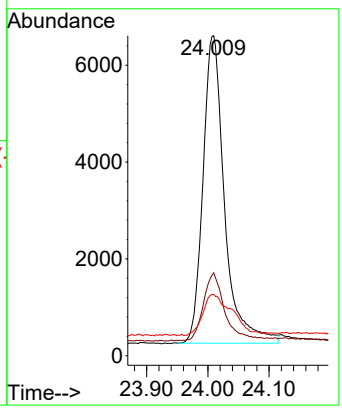


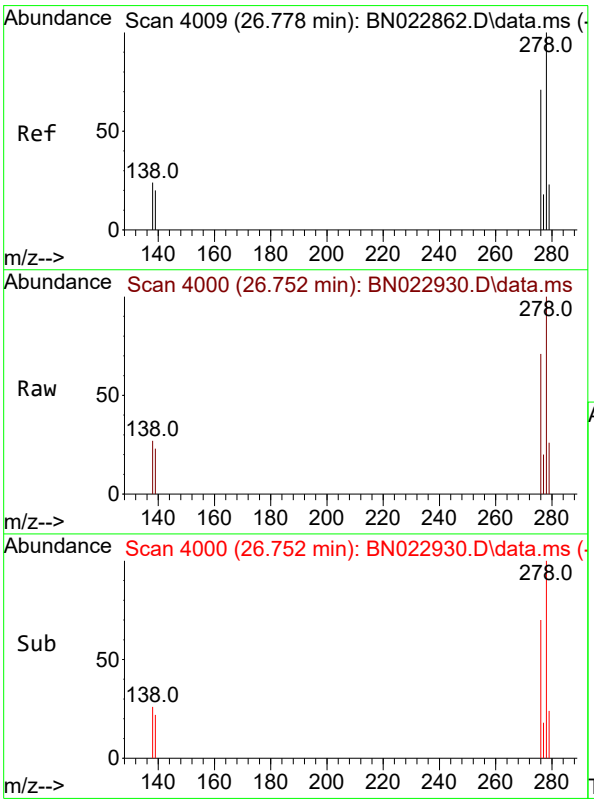
#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 24.009 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:252 Resp: 15530

Ion	Ratio	Lower	Upper
252	100		
253	25.9	19.2	28.8
125	19.2	12.7	19.1#

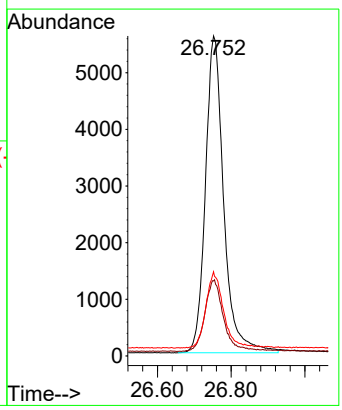


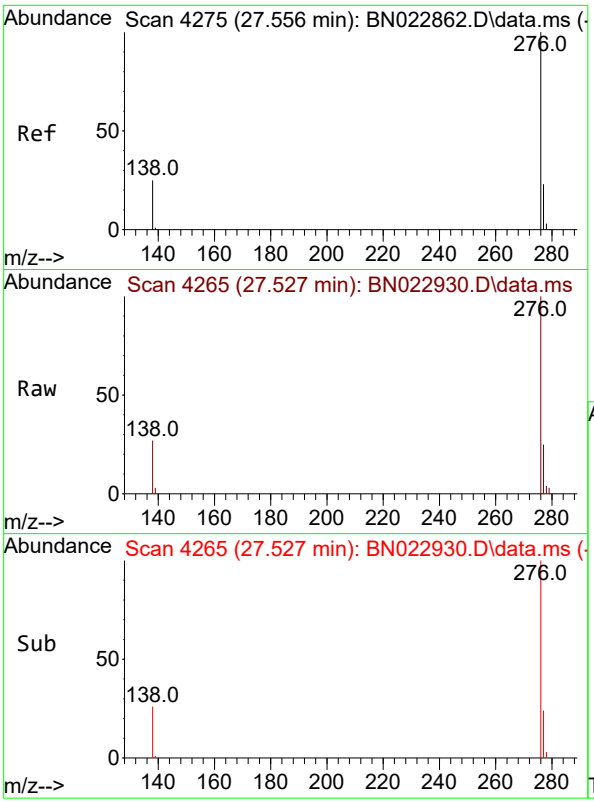


#40
Dibenzo(a,h)anthracene
Concen: 0.501 ng
RT: 26.752 min Scan# 4000
Delta R.T. -0.003 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Tgt Ion:278 Resp: 19261

Ion	Ratio	Lower	Upper
278	100		
139	23.5	17.4	26.0
279	26.3	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.475 ng
RT: 27.527 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022930.D
Acq: 29 Nov 2022 00:17

Instrument :
BNA_N
ClientSampleId :
PB149143BSD

Tgt Ion:276 Resp: 19651

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.7	29.5
138	27.3	21.4	32.2