Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022948.D
Acq On : 29 Nov 2022 12:09
Operator : CG/JU
Sample : PB149182BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Quant Time: Nov 30 00:21:55 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	7041	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	18695	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	9414	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	18028	0.400	ng	#	0.00
29) Chrysene-d12	21.634	240	10232	0.400	ng		0.00
35) Perylene-d12	24.118	264	7052	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	6708	0.367	ng		0.00
5) Phenol-d6	7.212	99	8454	0.363	ng		0.00
8) Nitrobenzene-d5	9.228	82	5788	0.399	ng		0.00
11) 2-Methylnaphthalene-d10	12.465	152	13183	0.325	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1344	0.296	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	19065	0.443	ng		0.00
27) Fluoranthene-d10	19.473	212	17124	0.350	ng		0.00
31) Terphenyl-d14	20.067	244	9377	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	3692	0.413	ng		99
3) n-Nitrosodimethylamine	3.774	42	3463	0.360	ng	#	97
6) bis(2-Chloroethyl)ether	7.479	93	9238	0.422	ng		99
9) Naphthalene	10.936	128	23582	0.410	ng		99
10) Hexachlorobutadiene	11.224	225	5071	0.429	ng	#	99
12) 2-Methylnaphthalene	12.151	142	3586	0.305	ng	#	97
16) Acenaphthylene	14.420	152	18173	0.365	ng		99
17) Acenaphthene	14.762	154	13300	0.406	ng		98
18) Fluorene	15.739	166	16252	0.387	ng		95
20) 4,6-Dinitro-2-methylph...	15.813	198	614	0.305	ng	#	76
21) 4-Bromophenyl-phenylether	16.633	248	5245	0.403	ng		98
22) Hexachlorobenzene	16.757	284	6968	0.439	ng		99
23) Atrazine	16.906	200	2975	0.324	ng	#	88
24) Pentachlorophenol	17.092	266	1223	0.281	ng		99
25) Phenanthrene	17.489	178	25501	0.407	ng		100
26) Anthracene	17.576	178	19952	0.367	ng		99
28) Fluoranthene	19.503	202	23490	0.352	ng		99
30) Pyrene	19.865	202	22661	0.425	ng		100
32) Benzo(a)anthracene	21.616	228	15622	0.378	ng		100
33) Chrysene	21.670	228	18309	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.536	149	5949	0.358	ng		99
36) Indeno(1,2,3-cd)pyrene	26.728	276	14041	0.480	ng		98
37) Benzo(b)fluoranthene	23.357	252	14000	0.445	ng	#	95
38) Benzo(k)fluoranthene	23.407	252	14388	0.422	ng	#	95
39) Benzo(a)pyrene	24.007	252	9539	0.397	ng	#	90
40) Dibenzo(a,h)anthracene	26.749	278	11512	0.495	ng		95
41) Benzo(g,h,i)perylene	27.530	276	12612	0.504	ng		97

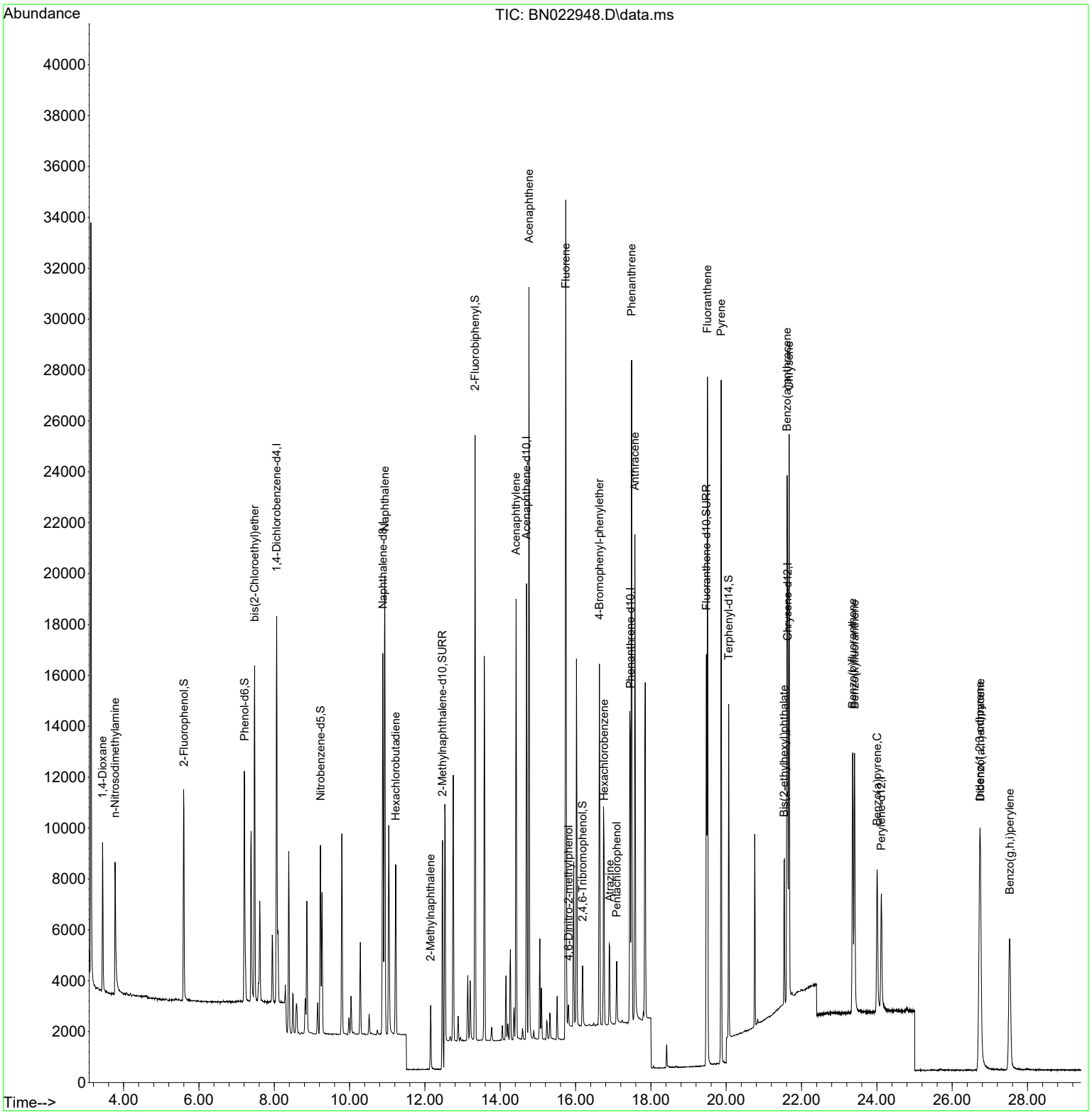
(#) = qualifier out of range (m) = manual integration (+) = signals summed

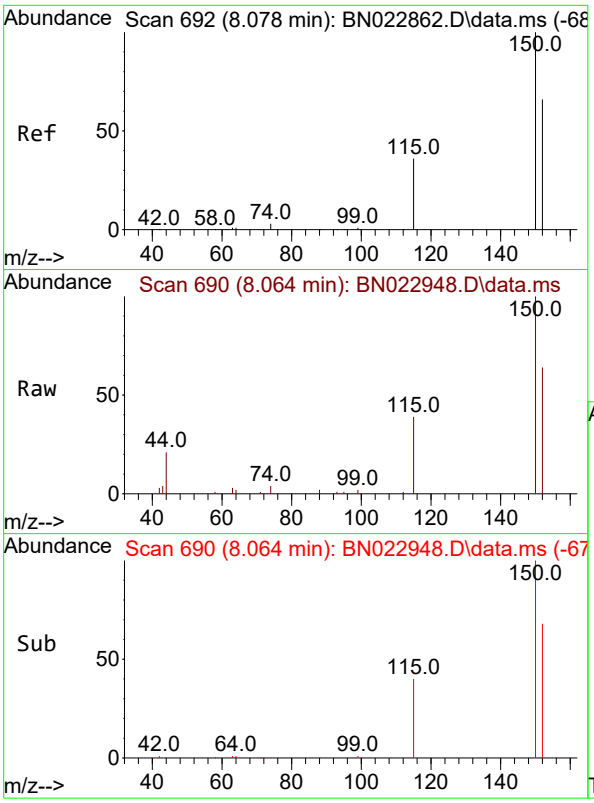
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022948.D
Acq On : 29 Nov 2022 12:09
Operator : CG/JU
Sample : PB149182BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Quant Time: Nov 30 00:21:55 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



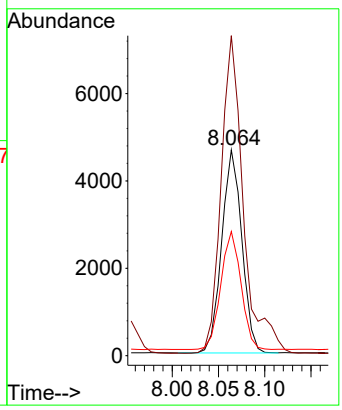


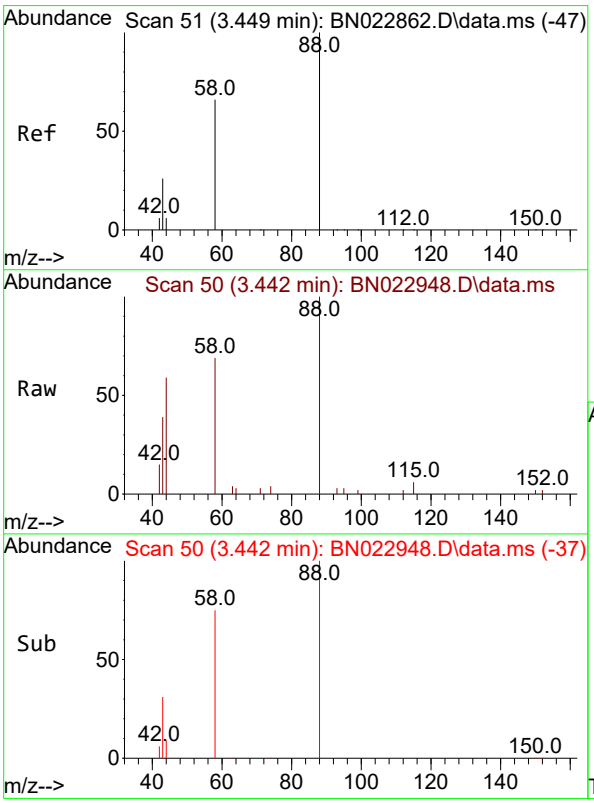
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:152 Resp: 7041

Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.2	181.8
115	60.3	46.2	69.4

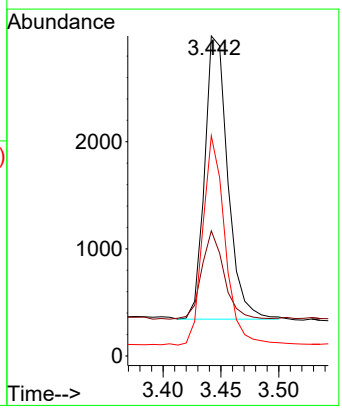


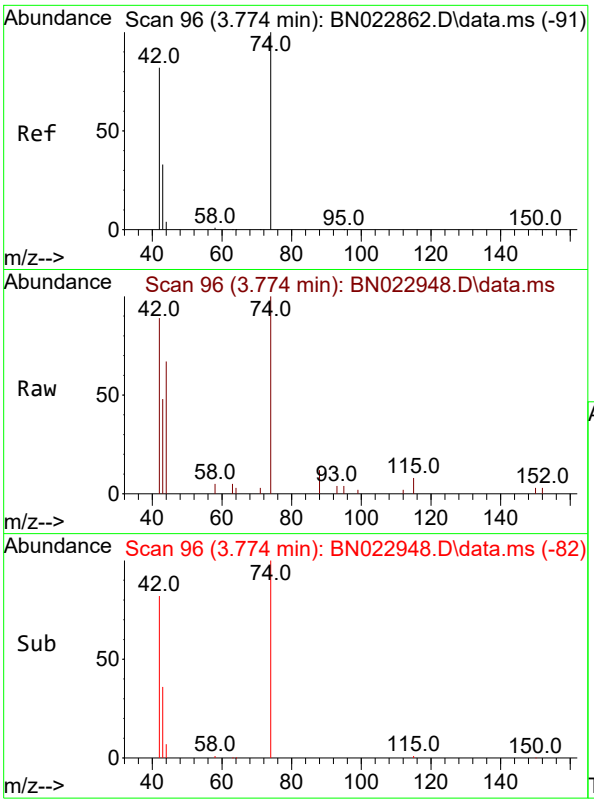


#2
1,4-Dioxane
Concen: 0.413 ng
RT: 3.442 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion: 88 Resp: 3692

Ion	Ratio	Lower	Upper
88	100		
43	30.0	25.4	38.2
58	70.5	56.5	84.7



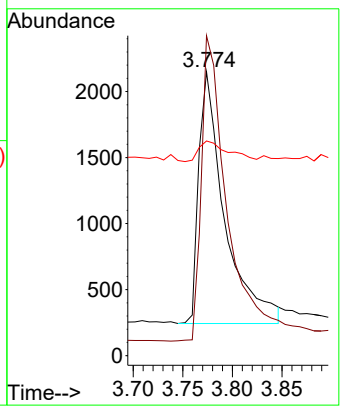


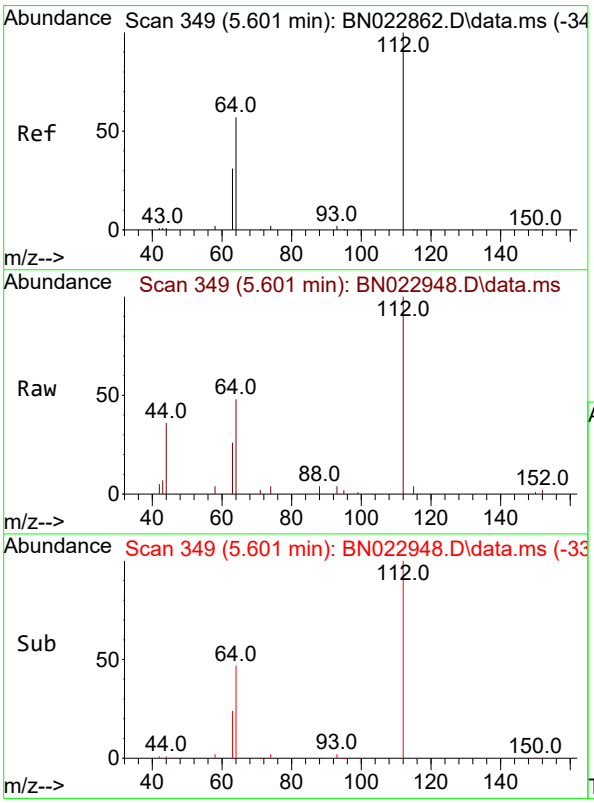
#3
n-Nitrosodimethylamine
Concen: 0.360 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion: 42 Resp: 3463

Ion	Ratio	Lower	Upper
42	100		
74	121.1	99.3	148.9
44	9.4	5.4	8.2#

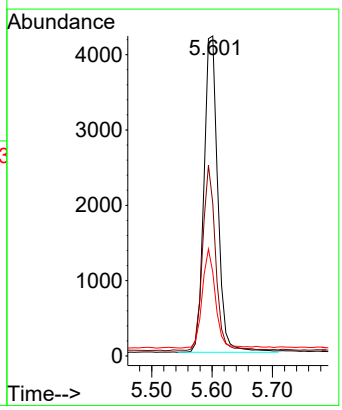


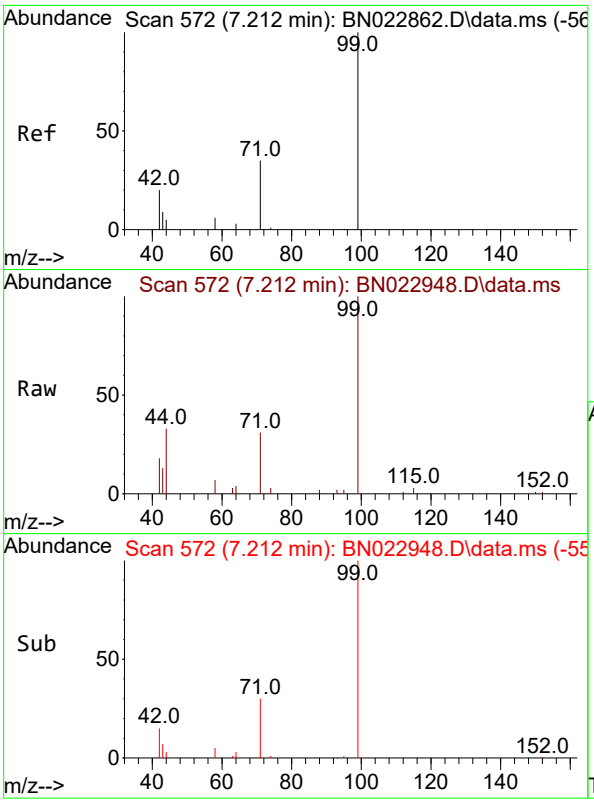


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:112 Resp: 6708

Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.4	65.2
63	29.5	23.4	35.2



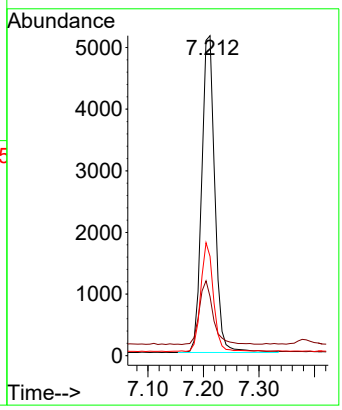


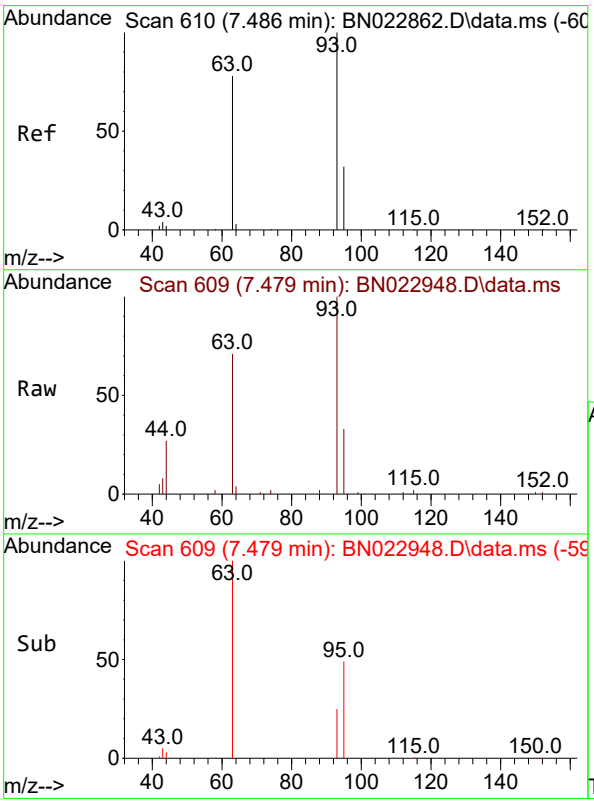
#5
Phenol-d6
Concen: 0.363 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion: 99 Resp: 8454

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.0	24.0
71	33.1	26.8	40.2

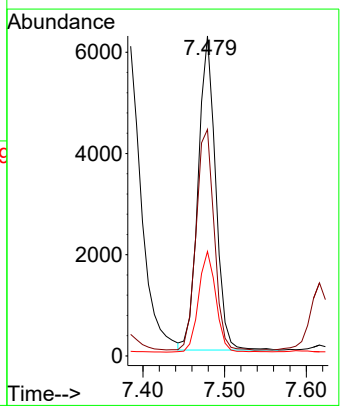


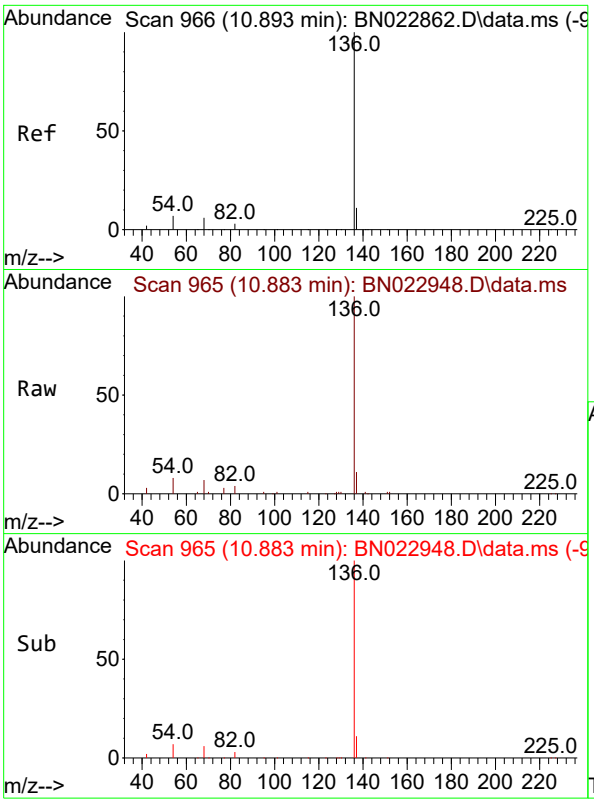


#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 7.479 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion: 93 Resp: 9238

Ion	Ratio	Lower	Upper
93	100		
63	72.1	58.3	87.5
95	31.9	25.8	38.6



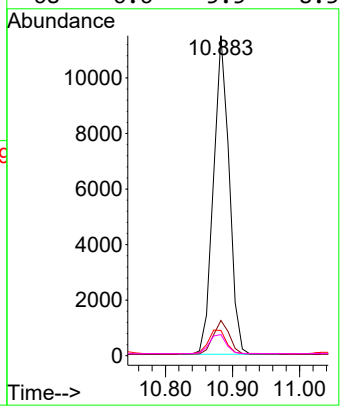


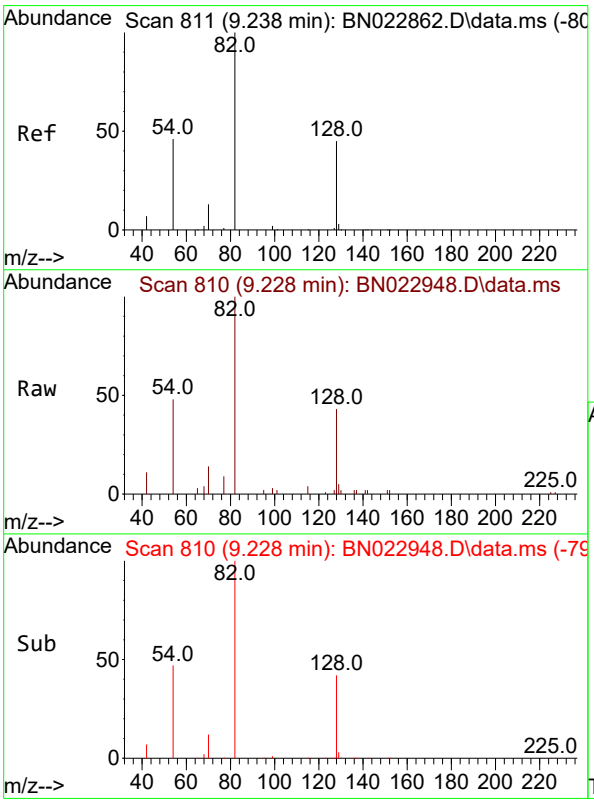
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:136 Resp: 18695

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.9	6.6	9.8
68	6.6	5.5	8.3

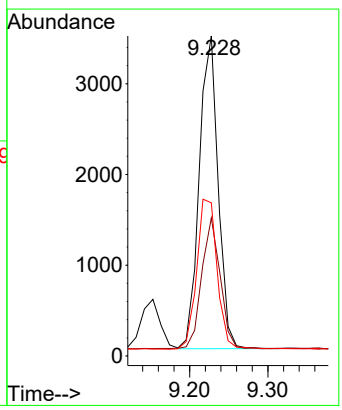


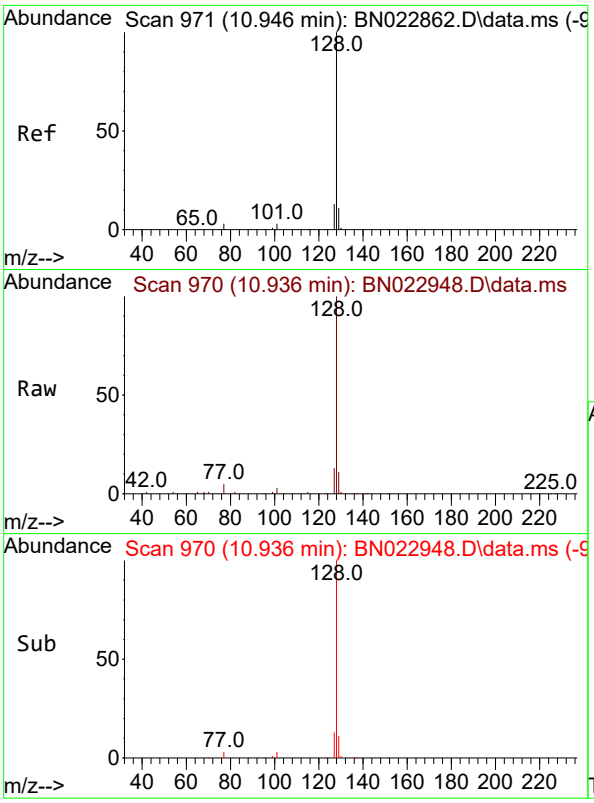


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.228 min Scan# 810
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion: 82 Resp: 5788

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.6	54.8
54	47.9	38.5	57.7



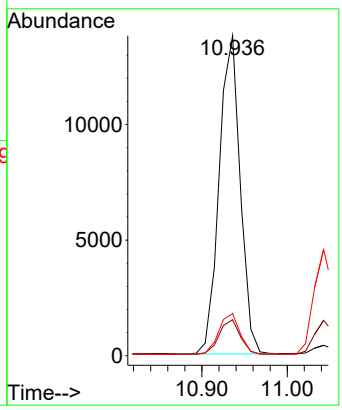


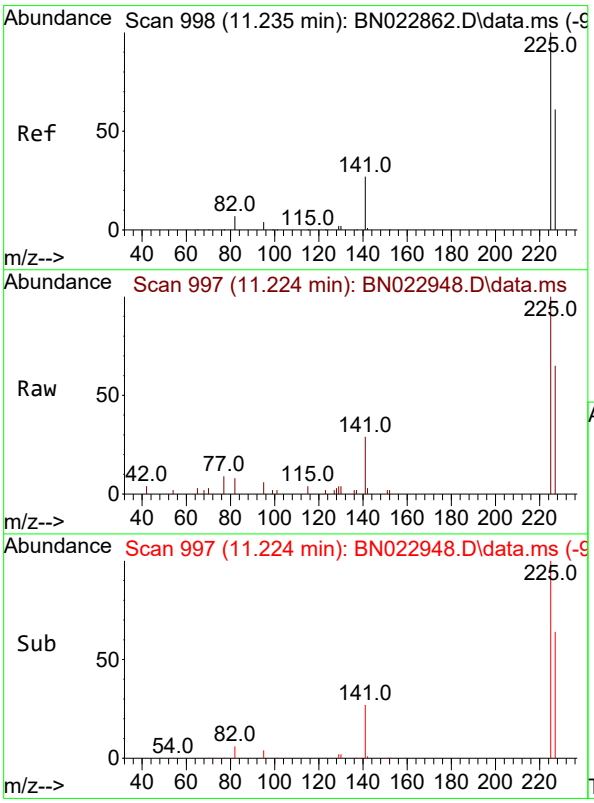
#9
Naphthalene
Concen: 0.410 ng
RT: 10.936 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:128 Resp: 23582

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.2	10.8	16.2

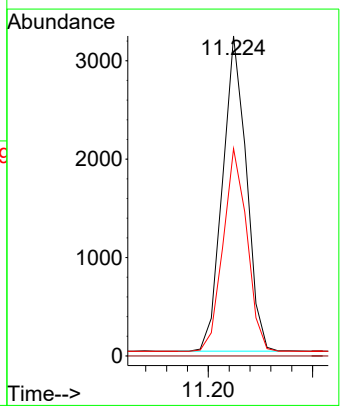


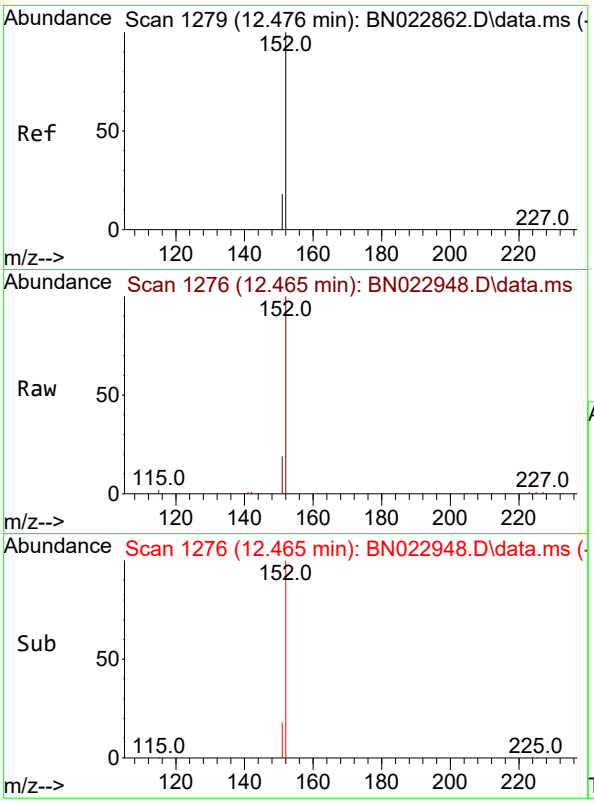


#10
Hexachlorobutadiene
Concen: 0.429 ng
RT: 11.224 min Scan# 997
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:225 Resp: 5071

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.8	76.2



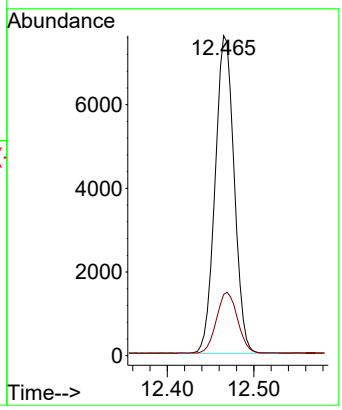


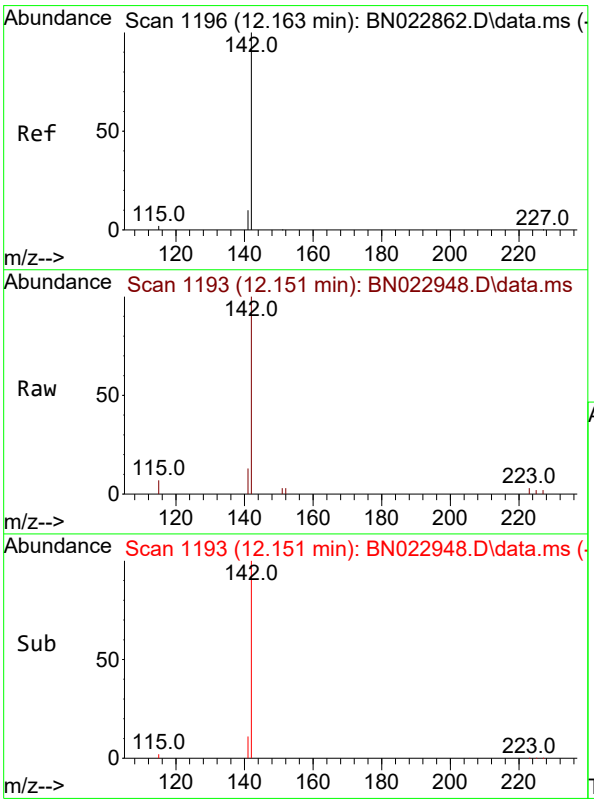
#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.465 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:152 Resp: 13183

Ion	Ratio	Lower	Upper
152	100		
151	27.7	18.6	27.8

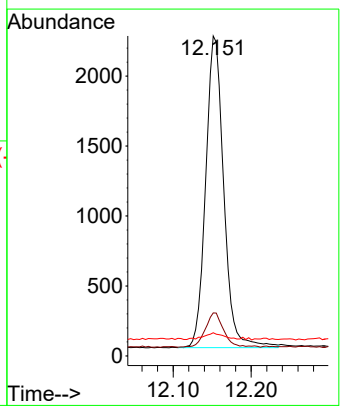


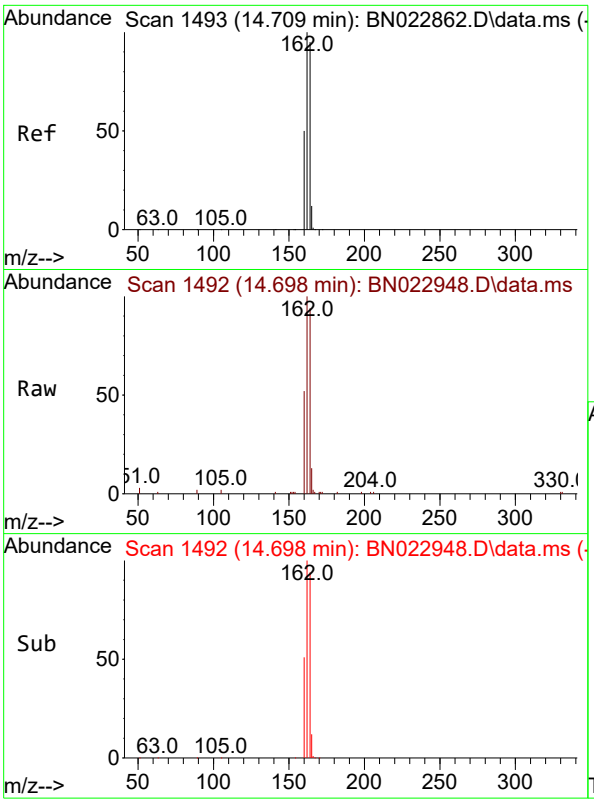


#12
2-Methylnaphthalene
Concen: 0.305 ng
RT: 12.151 min Scan# 1193
Delta R.T. -0.004 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:142 Resp: 3586

Ion	Ratio	Lower	Upper
142	100		
141	13.4	10.1	15.1
115	7.2	4.6	7.0#



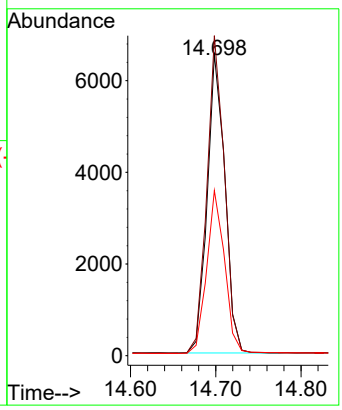


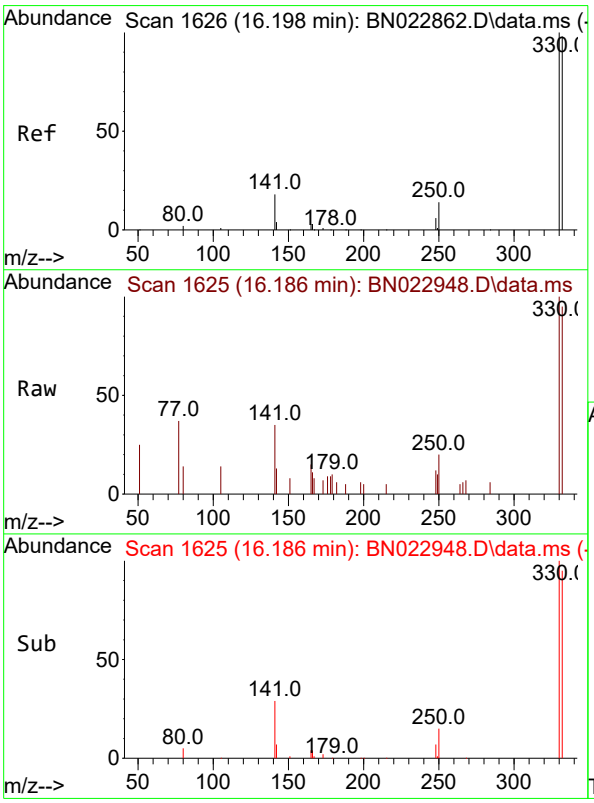
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:164 Resp: 9414

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

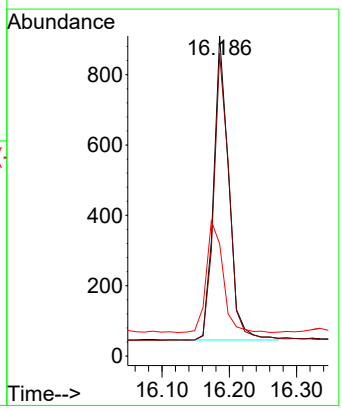


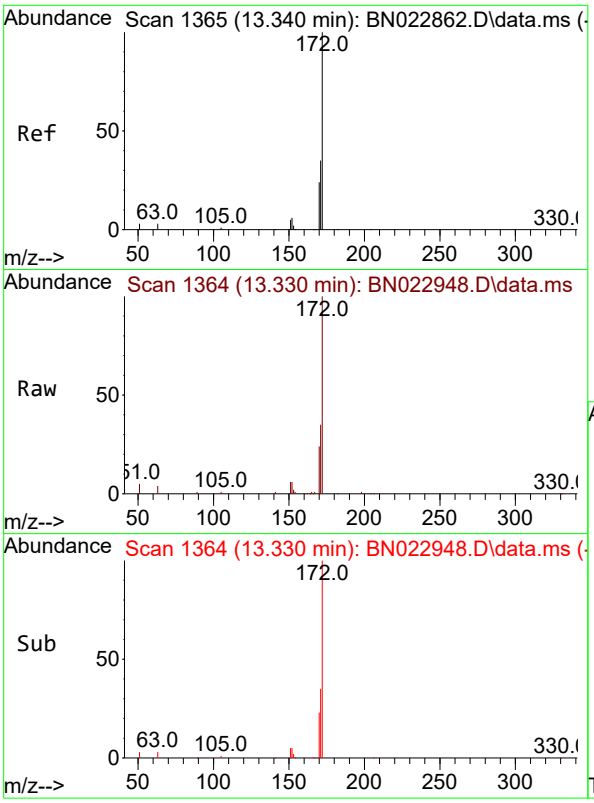


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:330 Resp: 1344

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.5	114.7
141	40.5	32.6	48.8



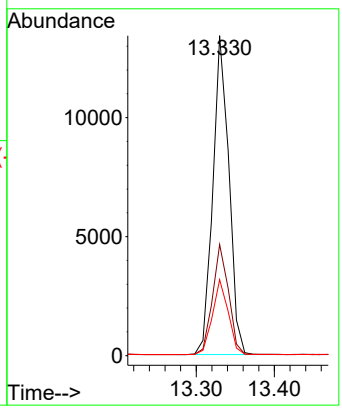


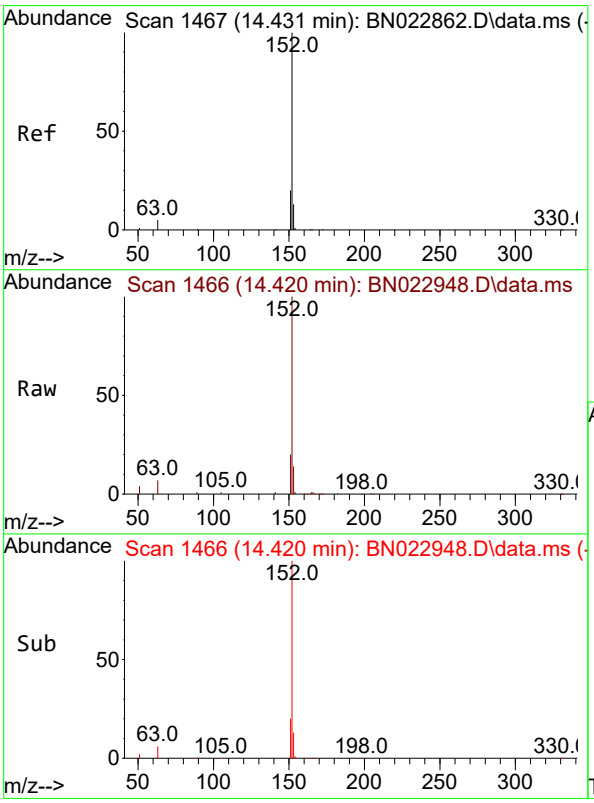
#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:172 Resp: 19065

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	23.7	19.3	28.9

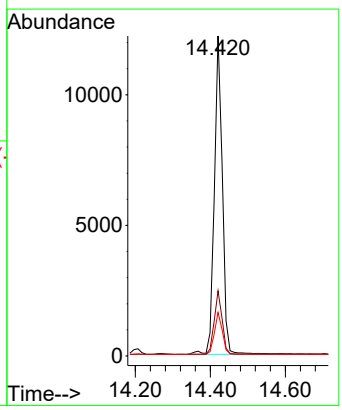


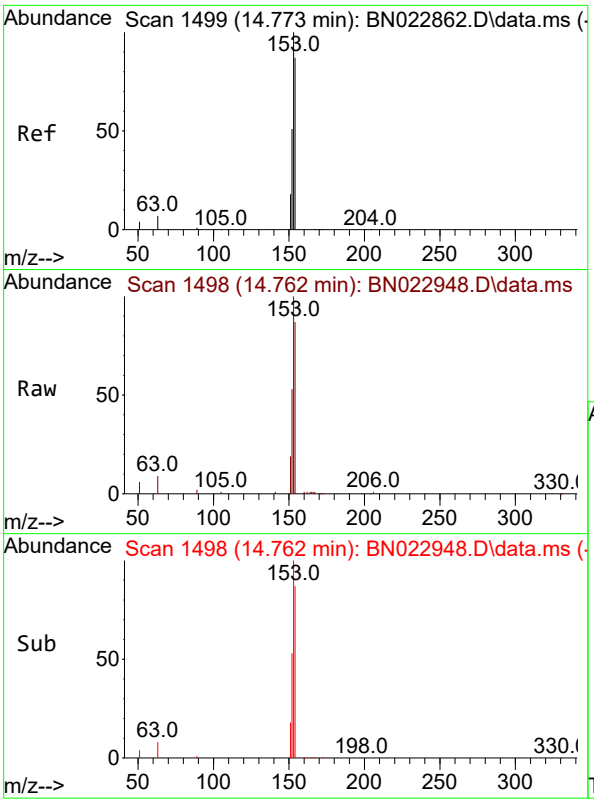


#16
Acenaphthylene
Concen: 0.365 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:152 Resp: 18173

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.4	10.5	15.7



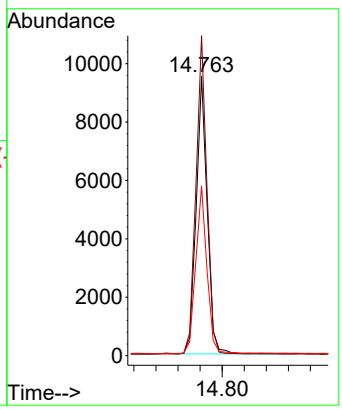


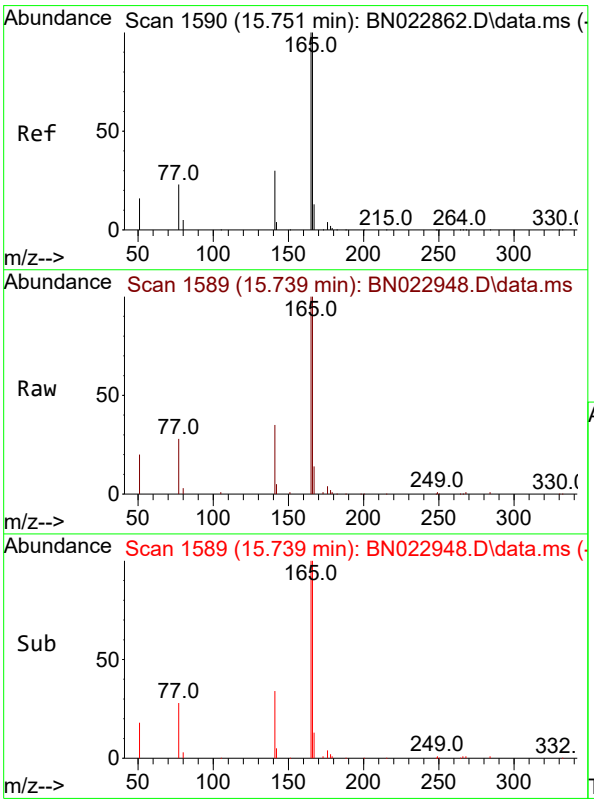
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:154 Resp: 13300

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.0	135.0
152	61.3	47.0	70.6

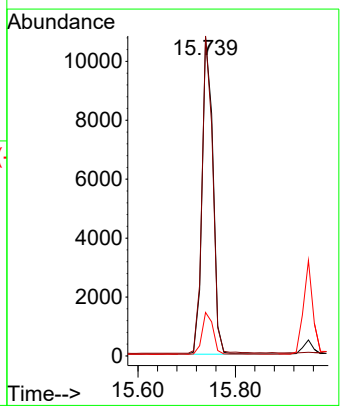


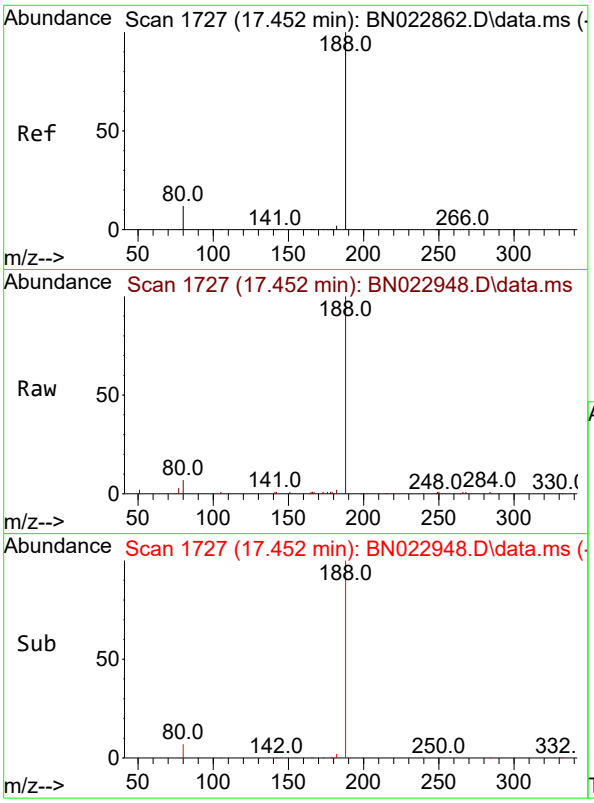


#18
Fluorene
Concen: 0.387 ng
RT: 15.739 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:166 Resp: 16252

Ion	Ratio	Lower	Upper
166	100		
165	93.9	79.4	119.0
167	13.3	10.7	16.1



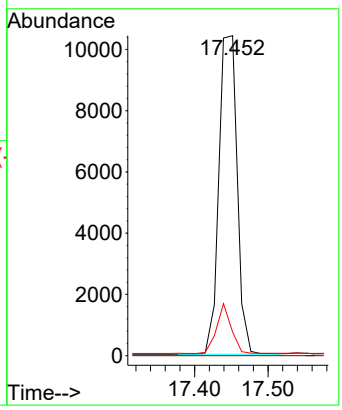


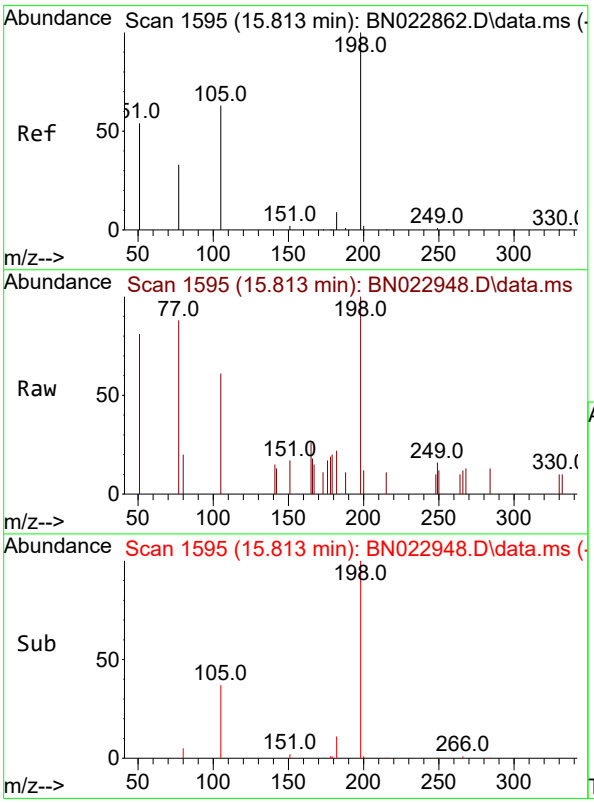
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:188 Resp: 18028

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	10.3	15.5#

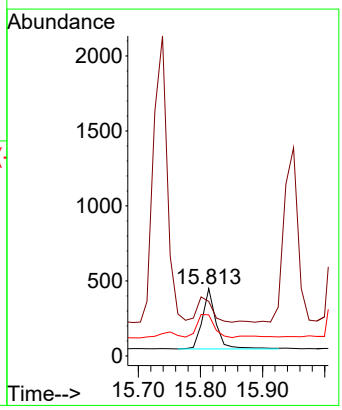


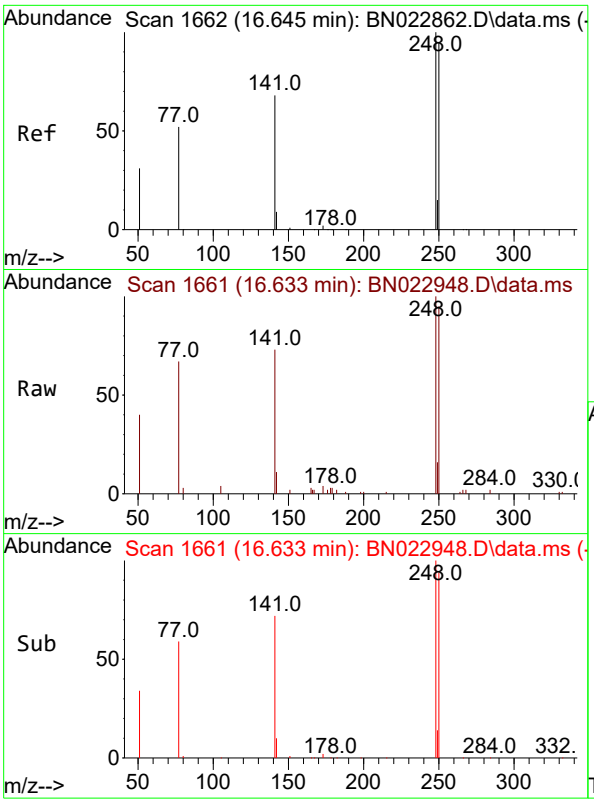


#20
4,6-Dinitro-2-methylphenol
Concen: 0.305 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:198 Resp: 614

Ion	Ratio	Lower	Upper
198	100		
51	81.1	80.5	120.7
105	61.0	70.5	105.7#



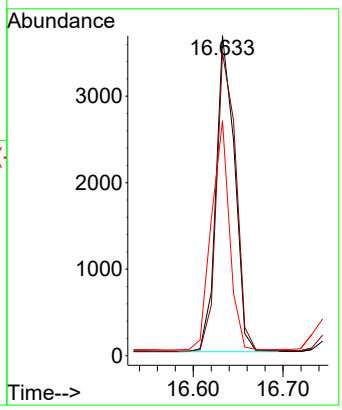


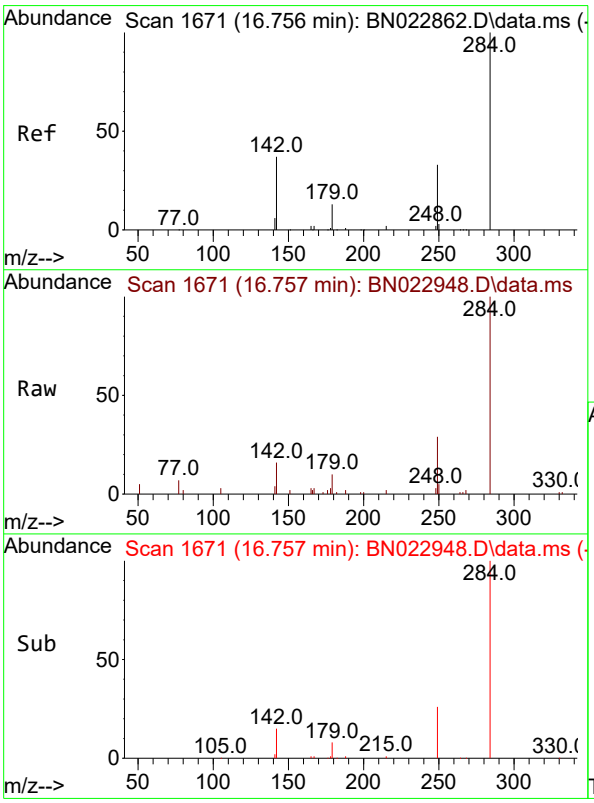
#21
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.633 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:248 Resp: 5245

Ion	Ratio	Lower	Upper
248	100		
250	94.6	75.8	113.6
141	73.4	55.4	83.0

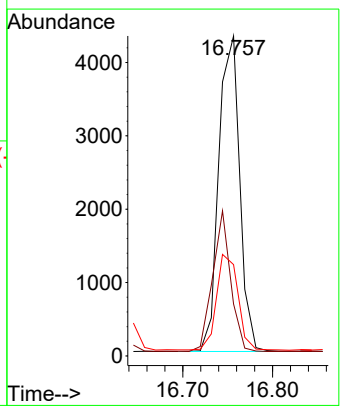


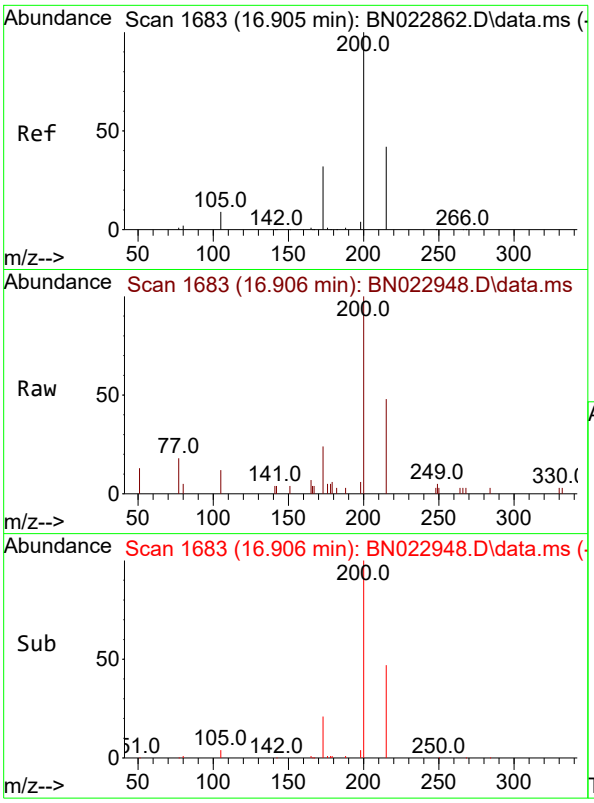


#22
Hexachlorobenzene
Concen: 0.439 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:284 Resp: 6968

Ion	Ratio	Lower	Upper
284	100		
142	38.4	30.1	45.1
249	30.7	24.5	36.7



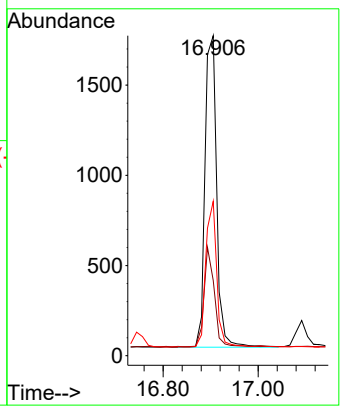


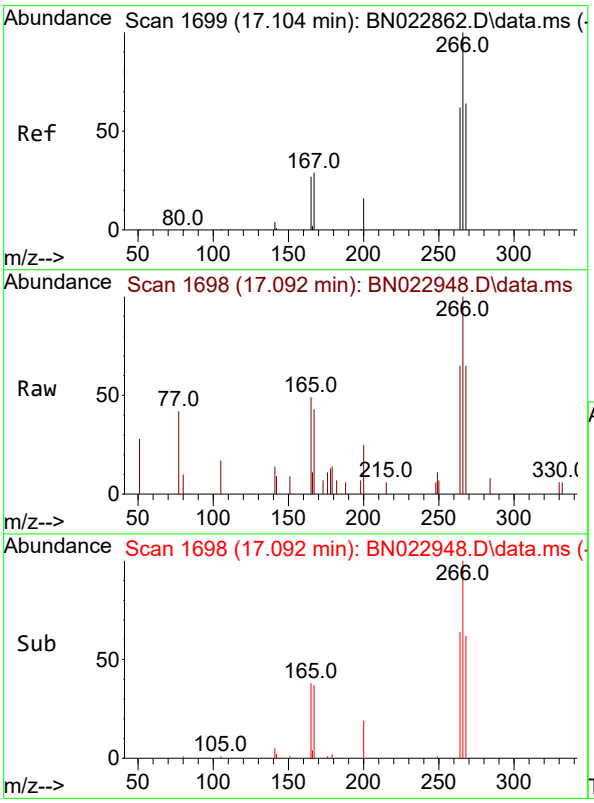
#23
Atrazine
Concen: 0.324 ng
RT: 16.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:200 Resp: 2975

Ion	Ratio	Lower	Upper
200	100		
173	23.5	26.4	39.6#
215	48.3	34.4	51.6

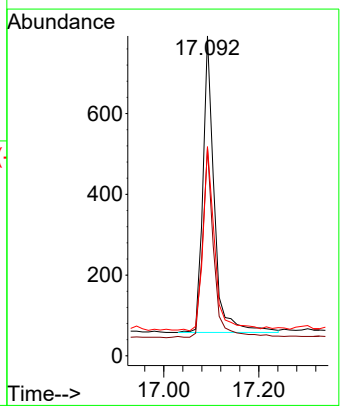


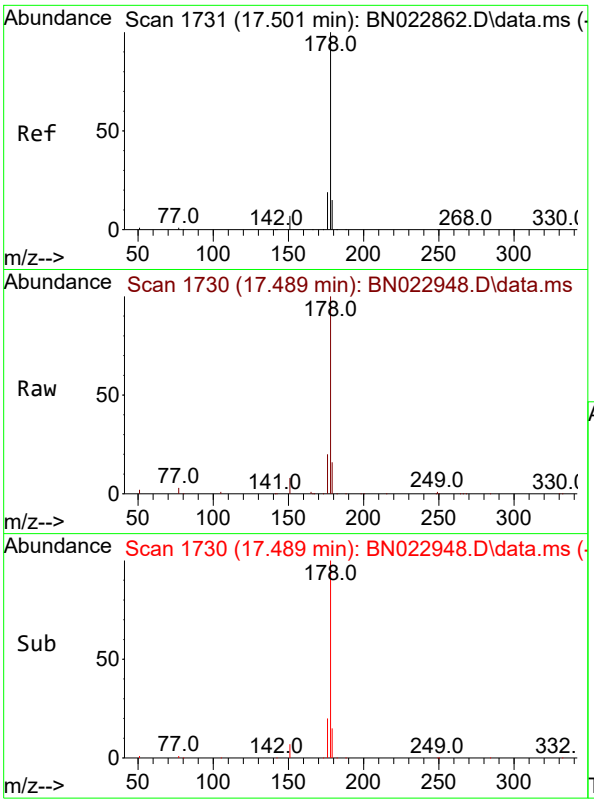


#24
Pentachlorophenol
Concen: 0.281 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:266 Resp: 1223

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.0	75.0
268	62.8	50.9	76.3



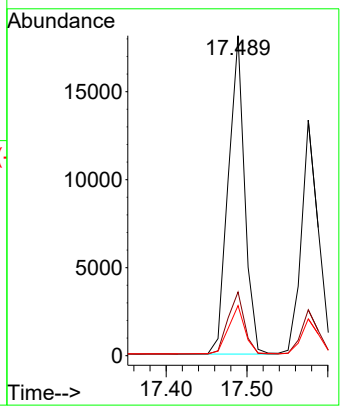


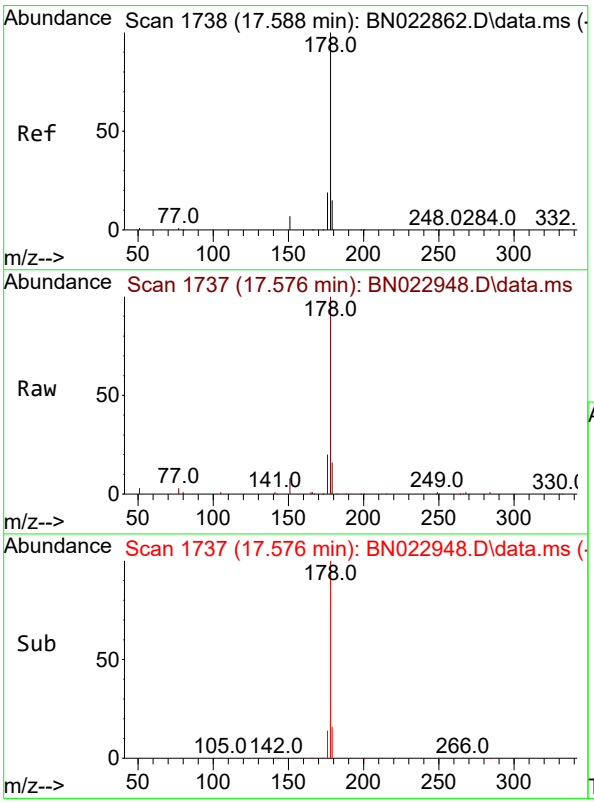
#25
Phenanthrene
Concen: 0.407 ng
RT: 17.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:178 Resp: 25501

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.3	12.2	18.2

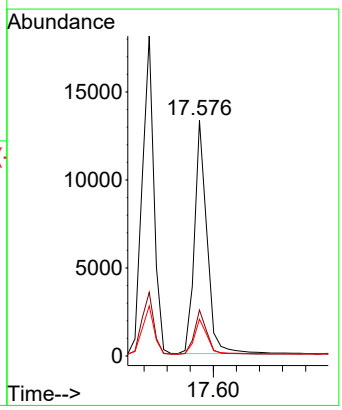


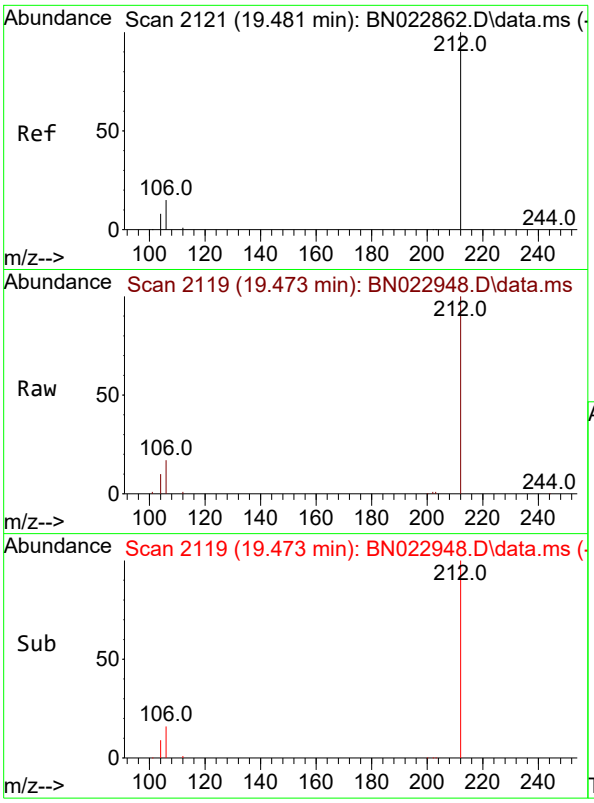


#26
Anthracene
Concen: 0.367 ng
RT: 17.576 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:178 Resp: 19952

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.8	12.2	18.2



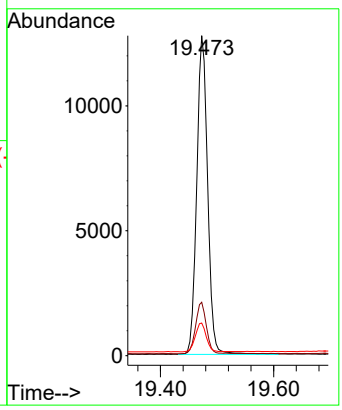


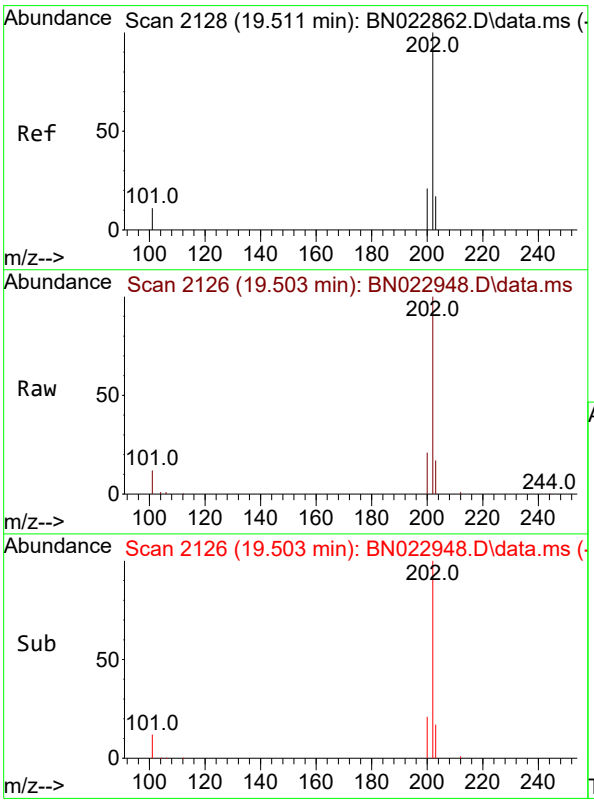
#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.473 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:212 Resp: 17124

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.3	18.5
104	9.1	7.0	10.4

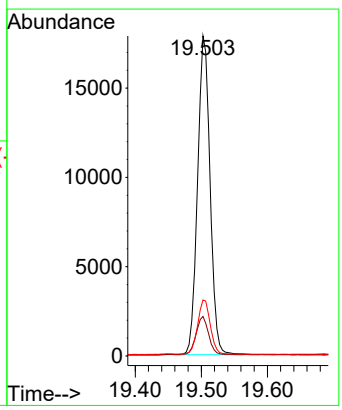


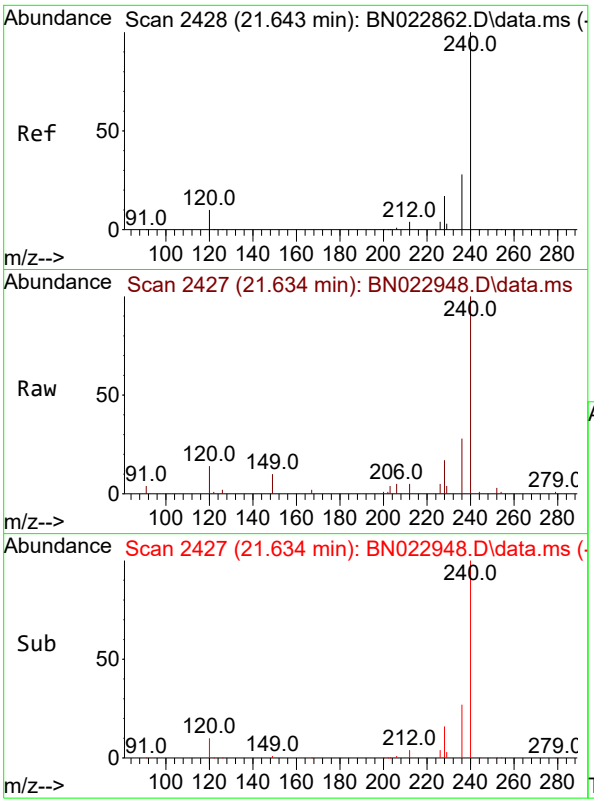


#28
Fluoranthene
Concen: 0.352 ng
RT: 19.503 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:202 Resp: 23490

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
203	17.2	13.7	20.5



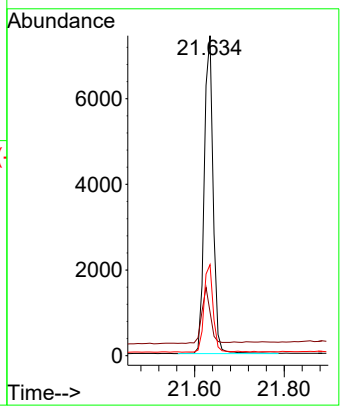


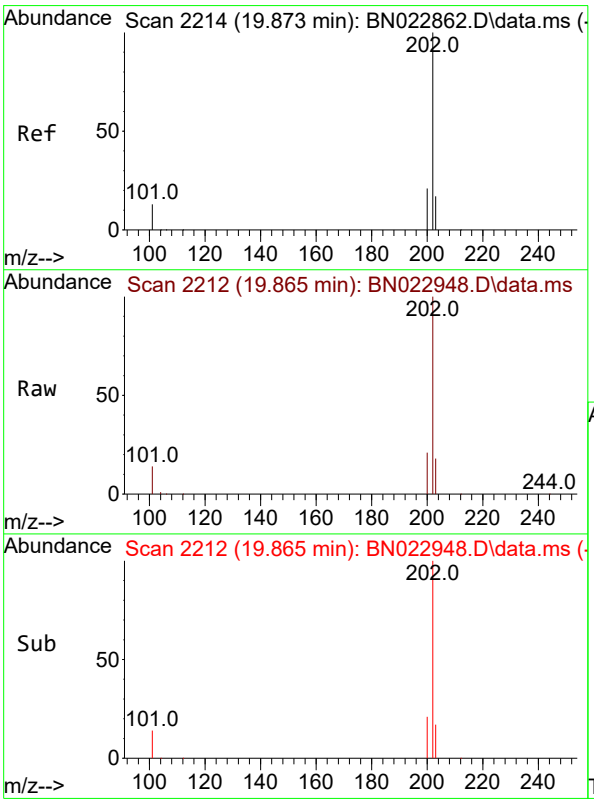
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.634 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:240 Resp: 10232

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.2	13.8
236	28.4	22.6	34.0

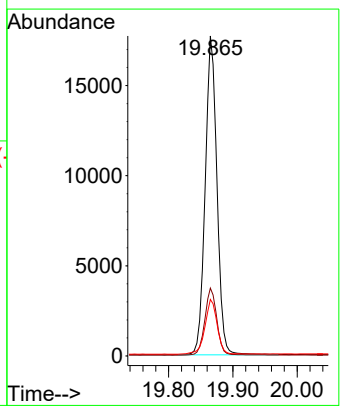


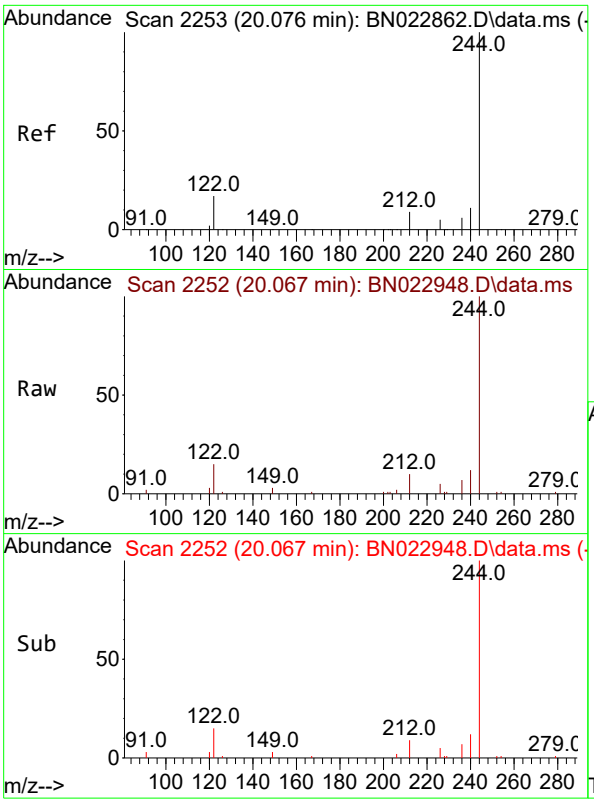


#30
Pyrene
Concen: 0.425 ng
RT: 19.865 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:202 Resp: 22661

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



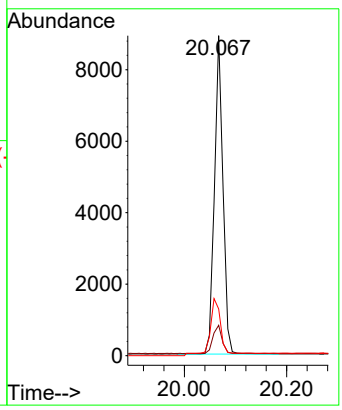


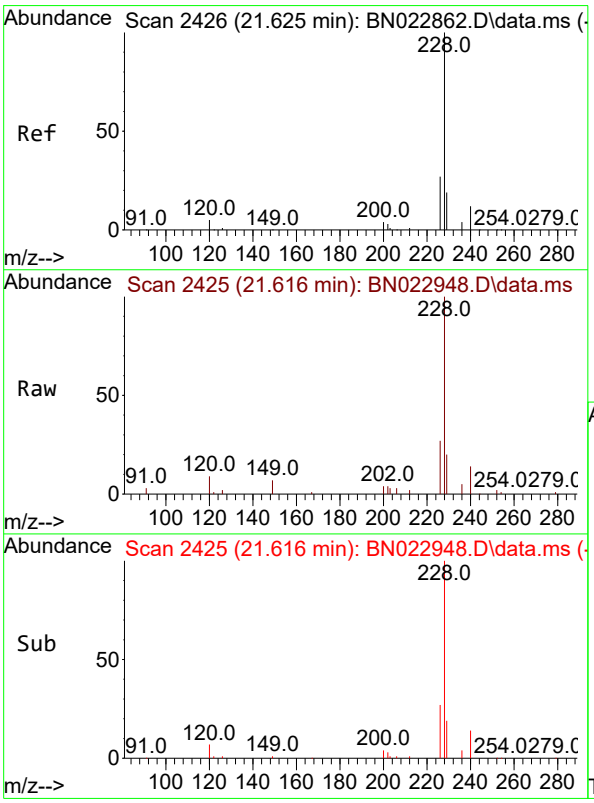
#31
Terphenyl-d14
Concen: 0.390 ng
RT: 20.067 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:244 Resp: 9377

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	14.6	13.9	20.9

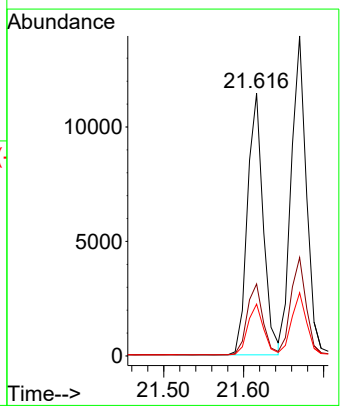


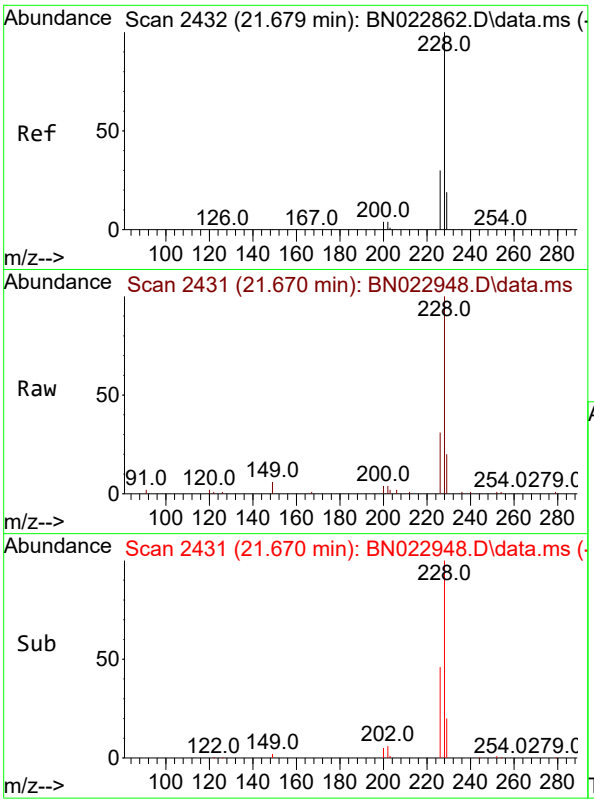


#32
Benzo(a)anthracene
Concen: 0.378 ng
RT: 21.616 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:228 Resp: 15622

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.8	15.8	23.6



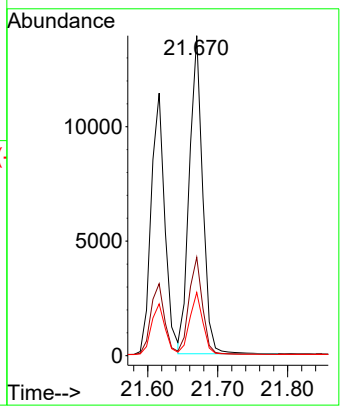


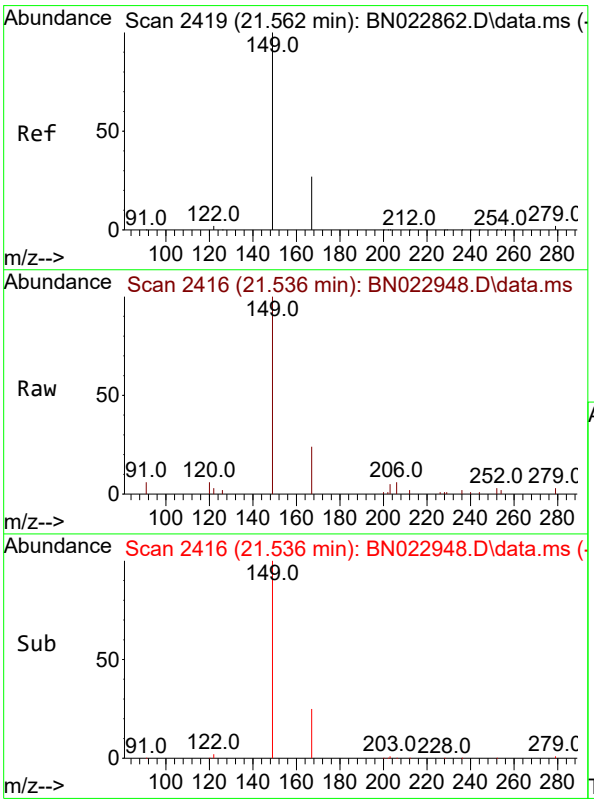
#33
Chrysene
Concen: 0.427 ng
RT: 21.670 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:228 Resp: 18309

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.8	15.8	23.6

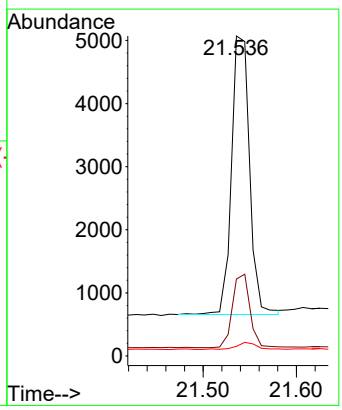


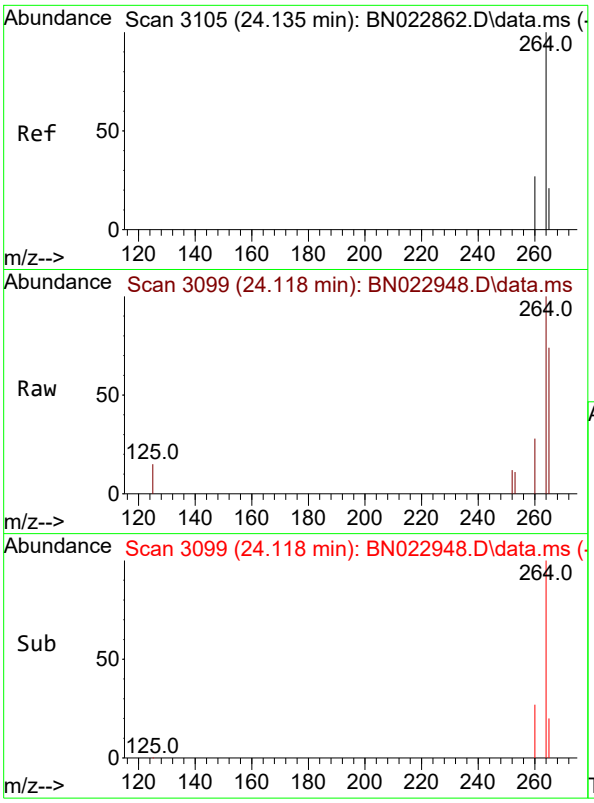


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.536 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:149 Resp: 5949

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	2.9	2.3	3.5



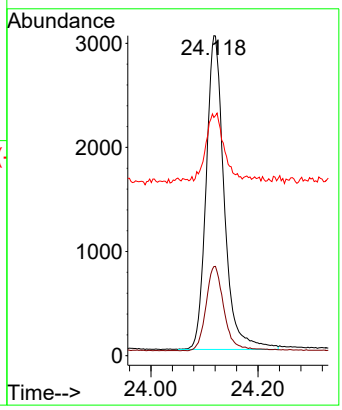


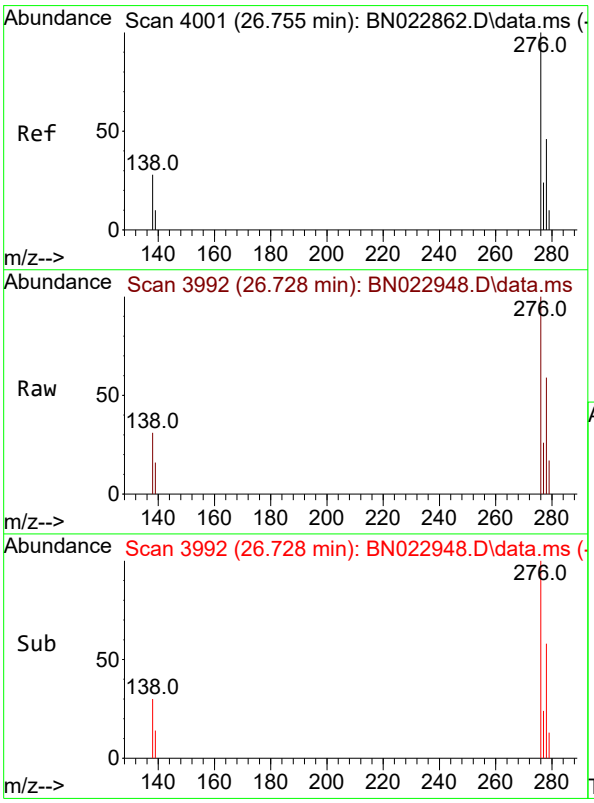
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.118 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:264 Resp: 7052

Ion	Ratio	Lower	Upper
264	100		
260	27.9	21.7	32.5
265	74.5	31.0	46.4#

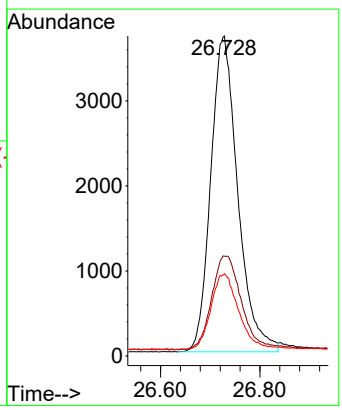


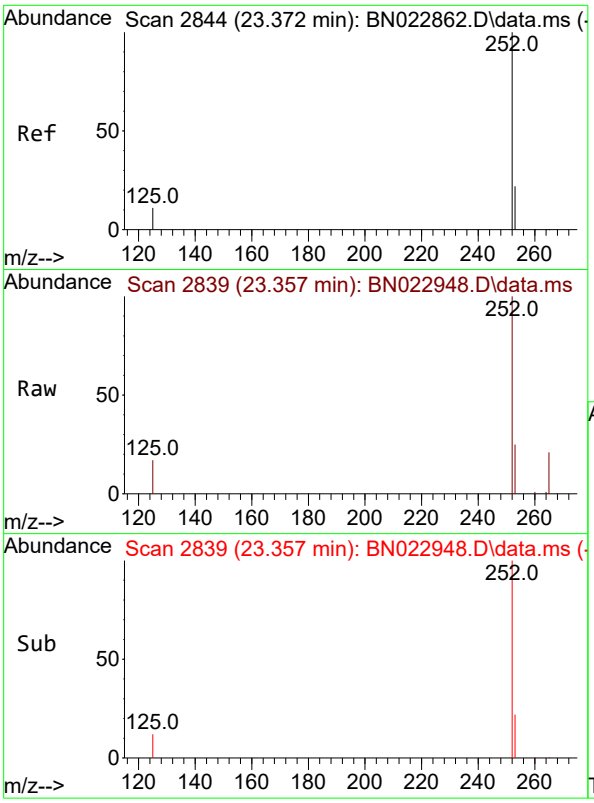


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.480 ng
RT: 26.728 min Scan# 3992
Delta R.T. -0.003 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:276 Resp: 14041

Ion	Ratio	Lower	Upper
276	100		
138	32.6	24.4	36.6
277	25.2	19.9	29.9



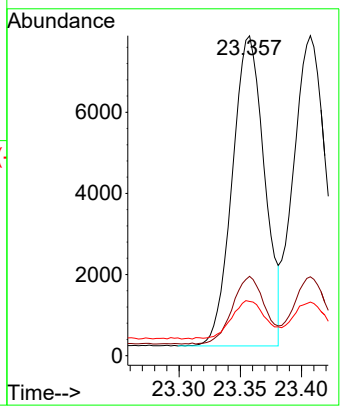


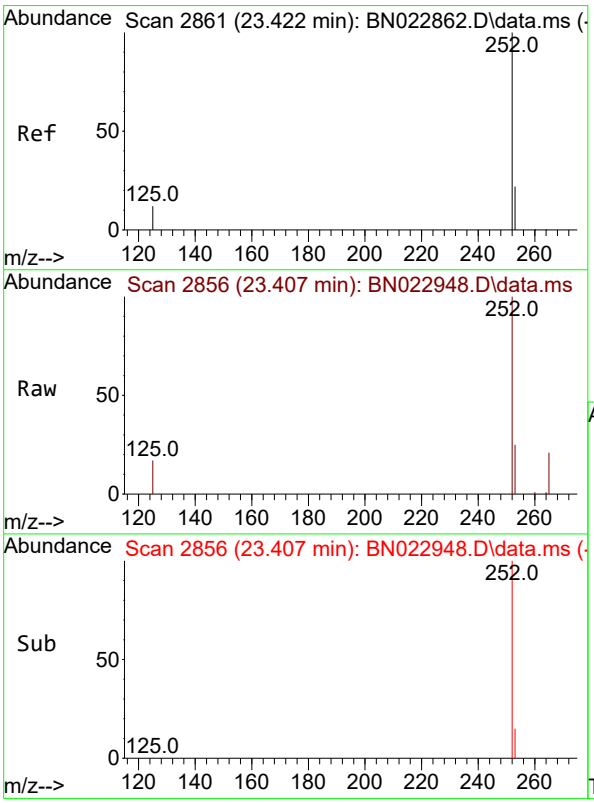
#37
Benzo(b)fluoranthene
Concen: 0.445 ng
RT: 23.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:252 Resp: 14000

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.5	27.7
125	16.9	10.8	16.2#

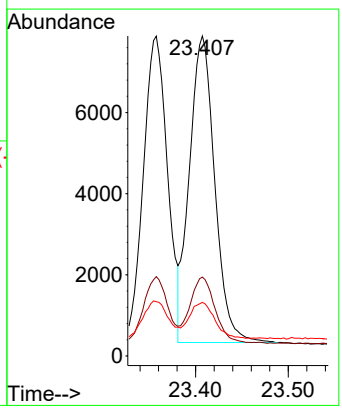


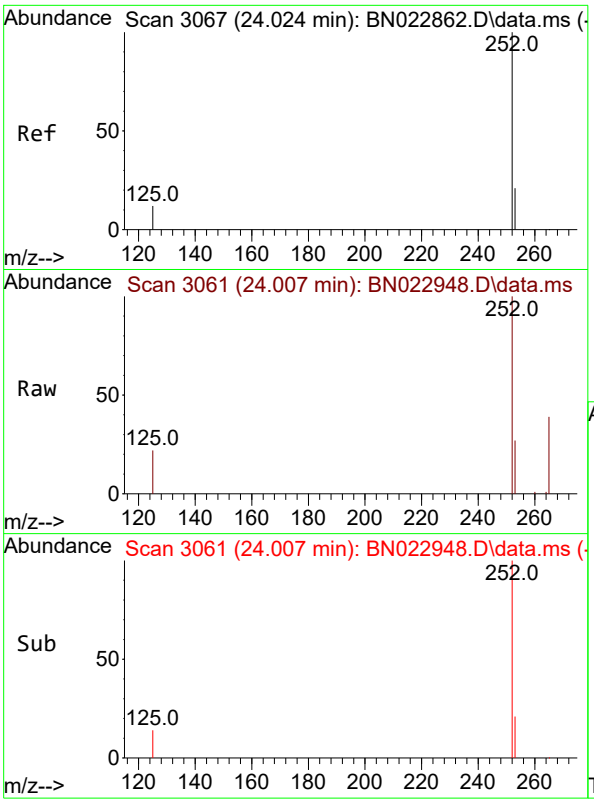


#38
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 23.407 min Scan# 2856
Delta R.T. -0.003 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:252 Resp: 14388

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.6	27.8
125	16.8	11.0	16.4#



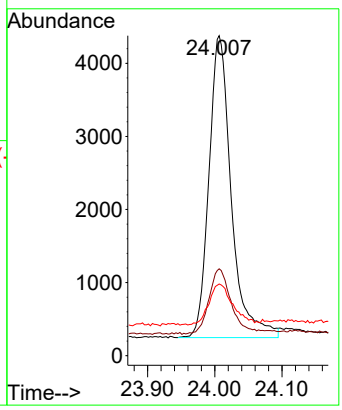


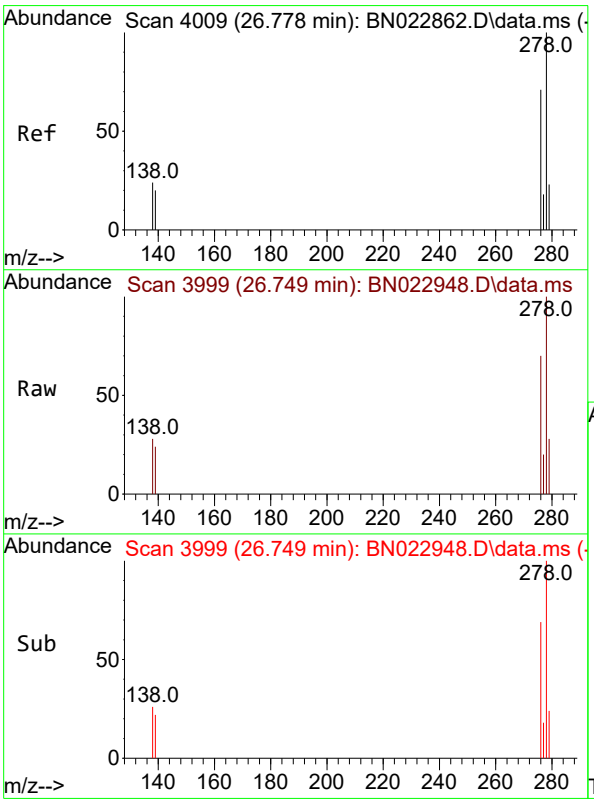
#39
Benzo(a)pyrene
Concen: 0.397 ng
RT: 24.007 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:252 Resp: 9539

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.2	28.8
125	22.4	12.7	19.1#

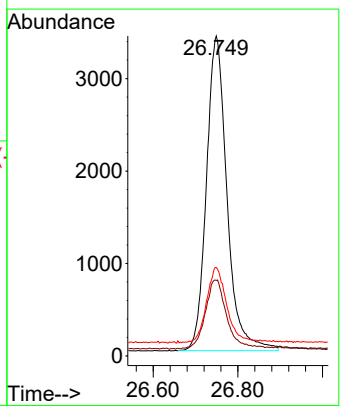


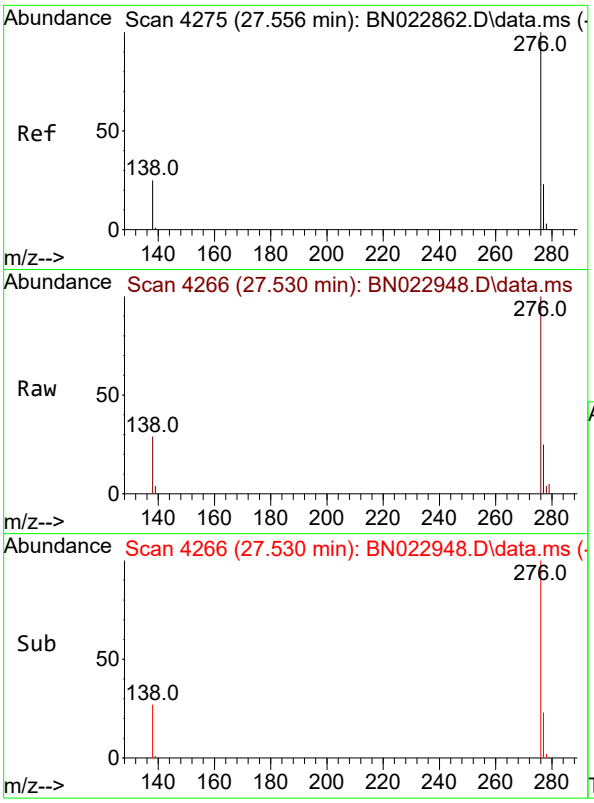


#40
Dibenzo(a,h)anthracene
Concen: 0.495 ng
RT: 26.749 min Scan# 3999
Delta R.T. -0.006 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Tgt Ion:278 Resp: 11512

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.4	26.0
279	27.7	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.504 ng
RT: 27.530 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN022948.D
Acq: 29 Nov 2022 12:09

Instrument :
BNA_N
ClientSampleId :
PB149182BS

Tgt Ion:276 Resp: 12612

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	29.2	21.4	32.2