Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033230.D
Acq On : 03 Aug 2024 09:47
Operator : MA/JU
Sample : PB162464BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Quant Time: Aug 05 03:25:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	2491	0.400	ng	0.00
7) Naphthalene-d8	10.297	136	9091	0.400	ng	# 0.01
13) Acenaphthene-d10	14.147	164	5314	0.400	ng	0.01
19) Phenanthrene-d10	16.932	188	9888	0.400	ng	0.01
29) Chrysene-d12	21.151	240	6438	0.400	ng	0.02
35) Perylene-d12	23.329	264	7501	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.271	112	1956	0.310	ng	0.03
5) Phenol-d6	6.910	99	2945	0.377	ng	0.03
8) Nitrobenzene-d5	8.845	82	2538	0.371	ng	0.03
11) 2-Methylnaphthalene-d10	11.920	152	4990	0.359	ng	0.02
14) 2,4,6-Tribromophenol	15.728	330	528	0.232	ng	0.01
15) 2-Fluorobiphenyl	12.800	172	7468	0.378	ng	0.01
27) Fluoranthene-d10	18.973	212	8284	0.324	ng	0.01
31) Terphenyl-d14	19.573	244	5246	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.083	88	1455	0.471	ng	# 83
3) n-Nitrosodimethylamine	3.480	42	1212	0.465	ng	# 81
6) bis(2-Chloroethyl)ether	6.968	93	758	0.116	ng	# 29
9) Naphthalene	10.351	128	9535	0.379	ng	97
10) Hexachlorobutadiene	10.532	225	1789	0.372	ng	# 100
12) 2-Methylnaphthalene	11.999	142	5307	0.323	ng	# 95
16) Acenaphthylene	13.880	152	8159	0.377	ng	99
17) Acenaphthene	14.211	154	5936	0.388	ng	99
18) Fluorene	15.227	166	7364	0.360	ng	99
20) 4,6-Dinitro-2-methylph...	15.617	198	68	0.325	ng	# 1
21) 4-Bromophenyl-phenylether	16.126	248	2146	0.369	ng	92
22) Hexachlorobenzene	16.213	284	2310	0.355	ng	# 86
23) Atrazine	16.424	200	1536	0.359	ng	98
24) Pentachlorophenol	16.647	266	456	0.189	ng	99
25) Phenanthrene	16.982	178	9785	0.362	ng	100
26) Anthracene	17.094	178	5980	0.269	ng	99
28) Fluoranthene	19.006	202	10528	0.322	ng	99
30) Pyrene	19.368	202	10671	0.406	ng	99
32) Benzo(a)anthracene	21.134	228	6184	0.304	ng	97
33) Chrysene	21.187	228	9949	0.411	ng	98
34) Bis(2-ethylhexyl)phtha...	21.008	149	5154	0.457	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.537	276	11325	0.383	ng	99
37) Benzo(b)fluoranthene	22.677	252	7701	0.295	ng	97
38) Benzo(k)fluoranthene	22.721	252	10319	0.346	ng	97
39) Benzo(a)pyrene	23.247	252	8089	0.343	ng	96
40) Dibenzo(a,h)anthracene	25.531	278	8934	0.383	ng	95
41) Benzo(g,h,i)perylene	26.203	276	10310	0.399	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
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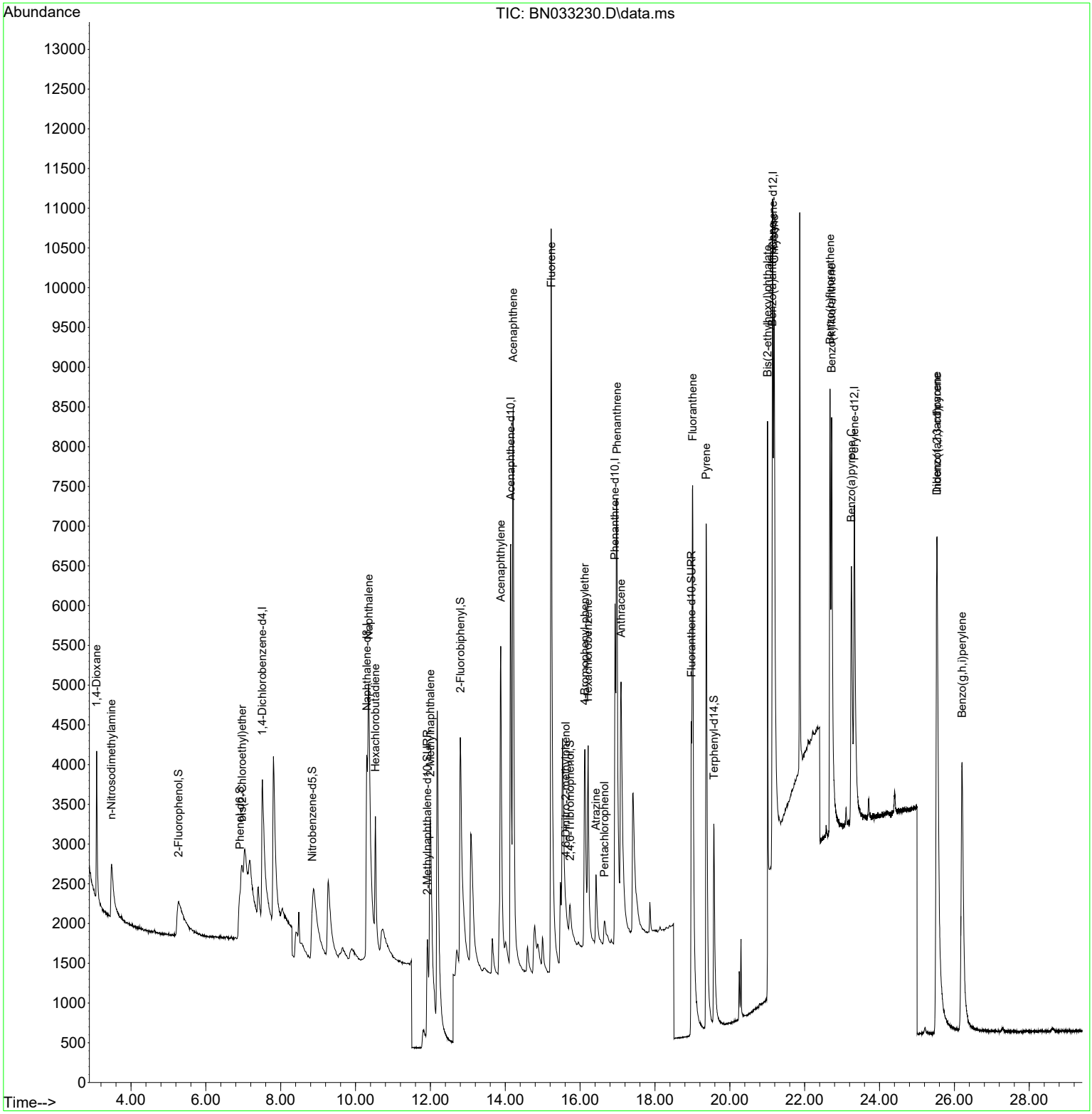
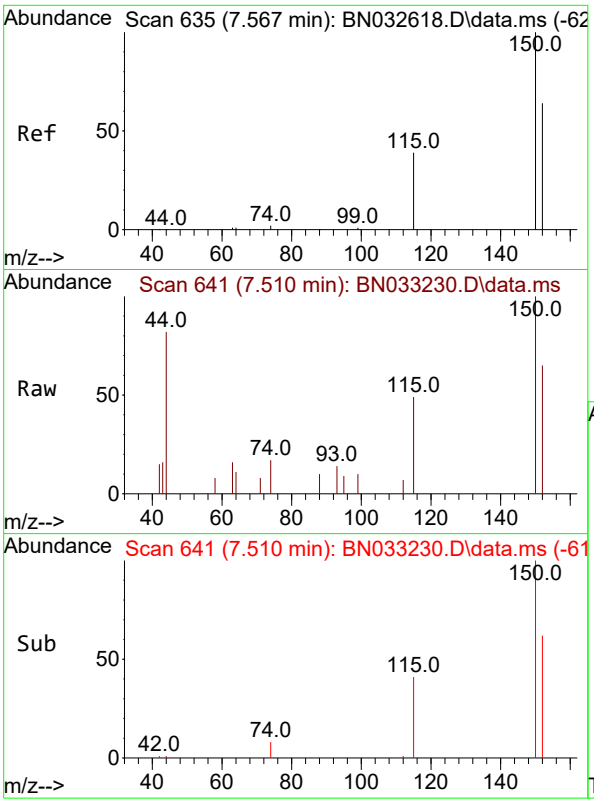
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Quant Time: Aug 05 03:25:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration



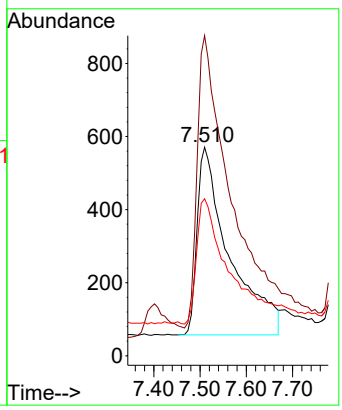


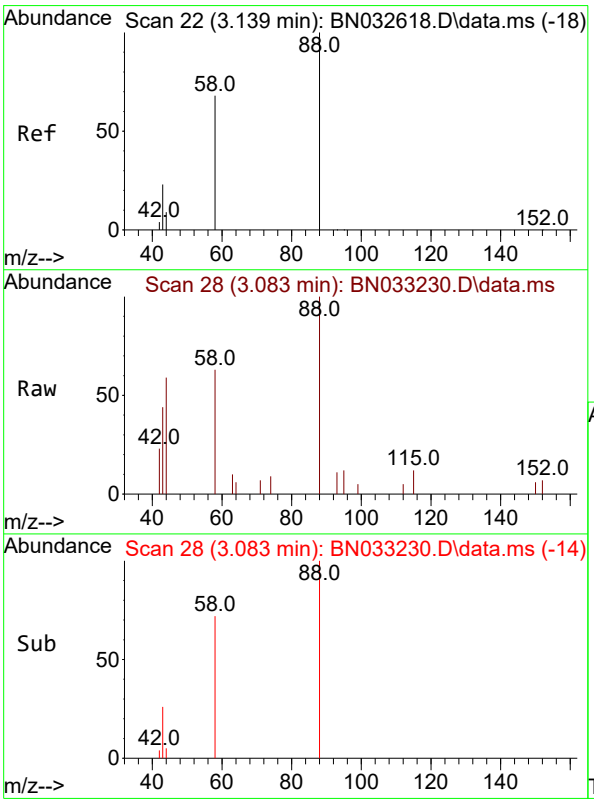
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.510 min Scan# 64
Delta R.T. 0.007 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:152 Resp: 2491

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.8	185.6
115	75.3	52.8	79.2

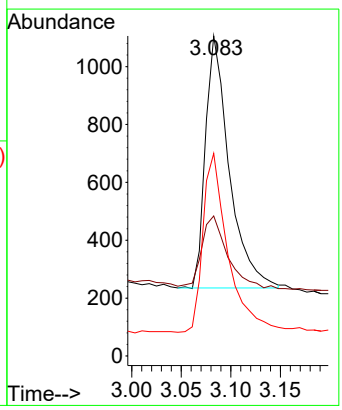


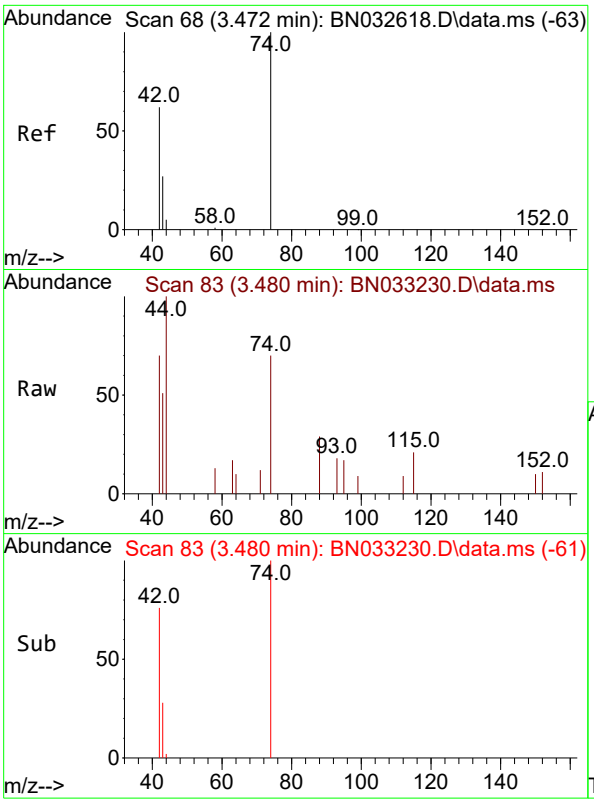


#2
1,4-Dioxane
Concen: 0.471 ng
RT: 3.083 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion: 88 Resp: 1455

Ion	Ratio	Lower	Upper
88	100		
43	31.4	18.4	27.6#
58	74.8	49.2	73.8#



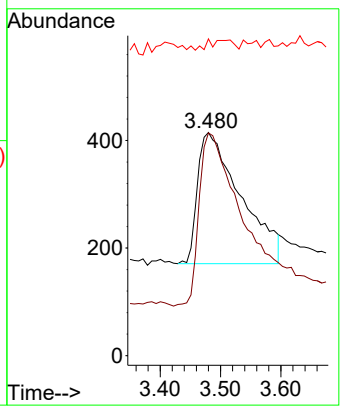


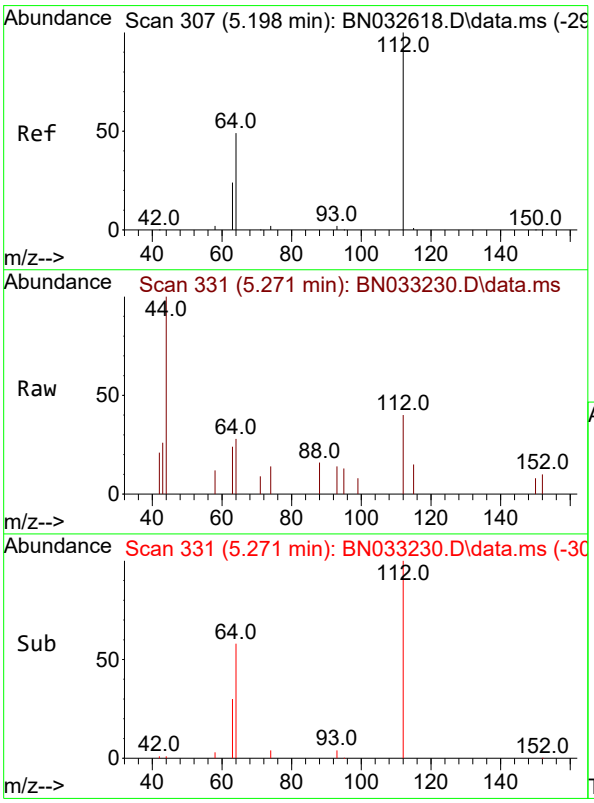
#3
n-Nitrosodimethylamine
Concen: 0.465 ng
RT: 3.480 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion: 42 Resp: 1212

Ion	Ratio	Lower	Upper
42	100		
74	133.0	126.9	190.3
44	4.7	4.8	7.2#

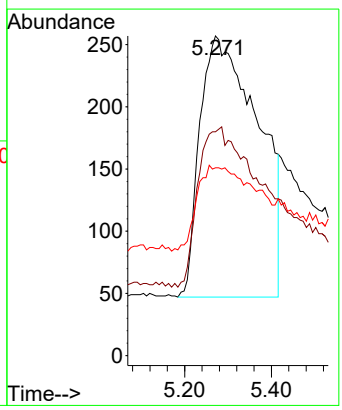


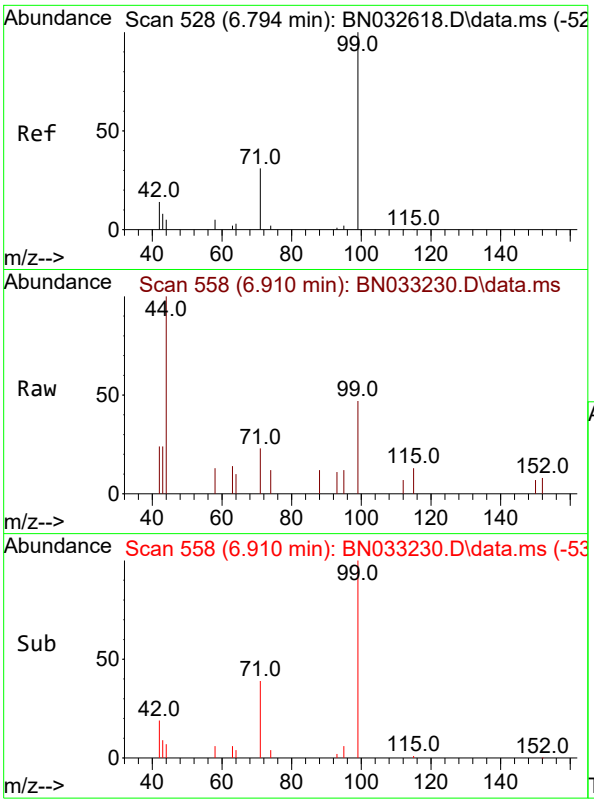


#4
2-Fluorophenol
Concen: 0.310 ng
RT: 5.271 min Scan# 331
Delta R.T. 0.029 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:112 Resp: 1956

Ion	Ratio	Lower	Upper
112	100		
64	0.0	40.2	60.4#
63	10.8	22.2	33.4#



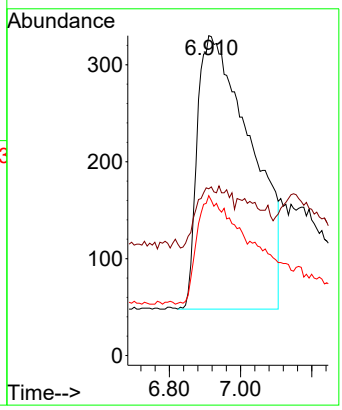


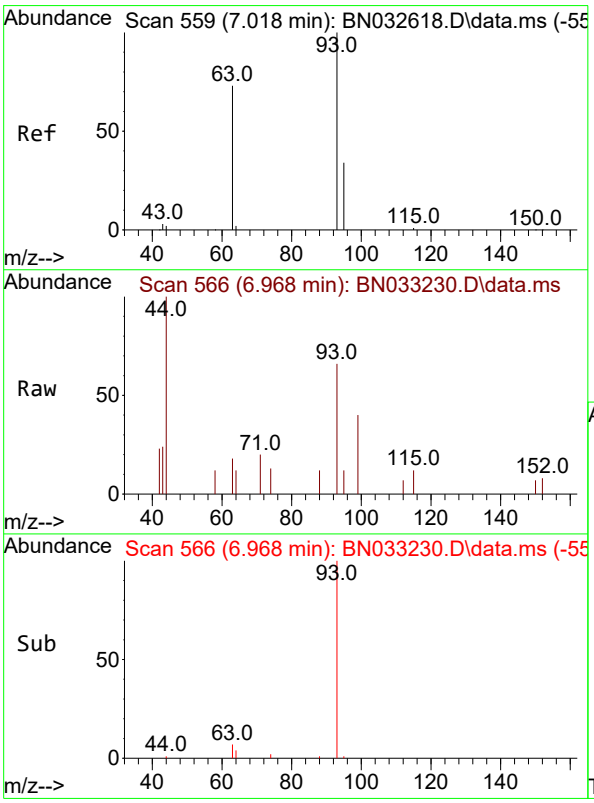
#5
Phenol-d6
Concen: 0.377 ng
RT: 6.910 min Scan# 5
Delta R.T. 0.029 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion: 99 Resp: 2945

Ion	Ratio	Lower	Upper
99	100		
42	8.3	10.5	15.7#
71	38.5	22.3	33.5#

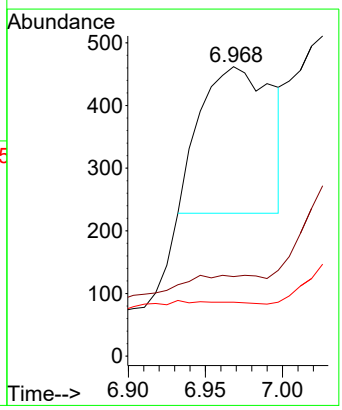


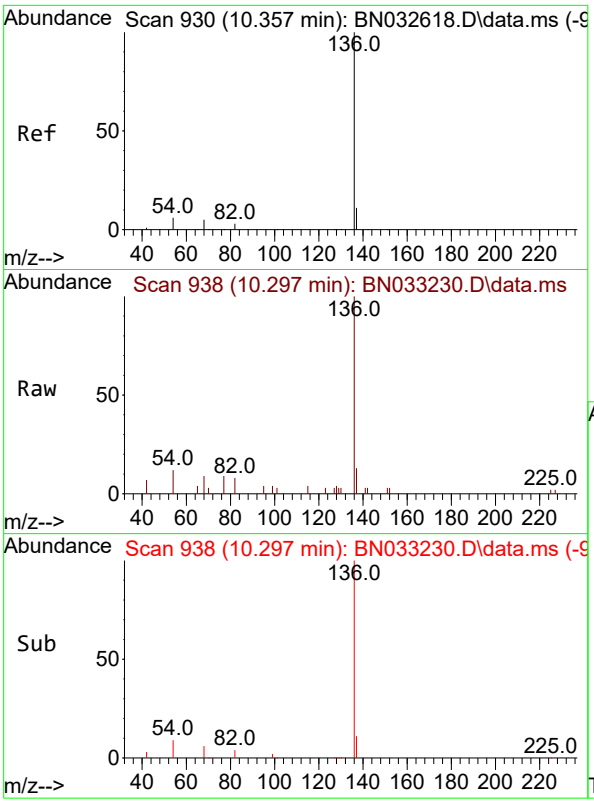


#6
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 6.968 min Scan# 566
Delta R.T. -0.043 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion: 93 Resp: 758

Ion	Ratio	Lower	Upper
93	100		
63	0.0	46.4	69.6#
95	0.0	25.5	38.3#



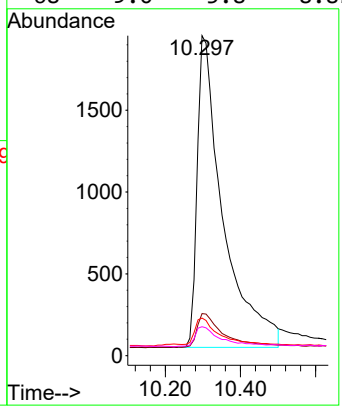


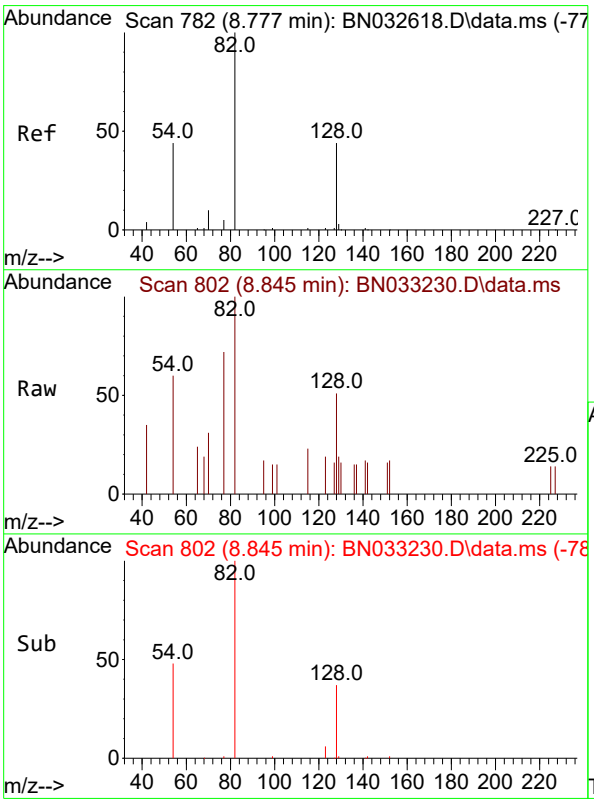
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.297 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:136 Resp: 9091

Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.9	14.9
54	11.8	6.5	9.7#
68	9.0	5.8	8.8#

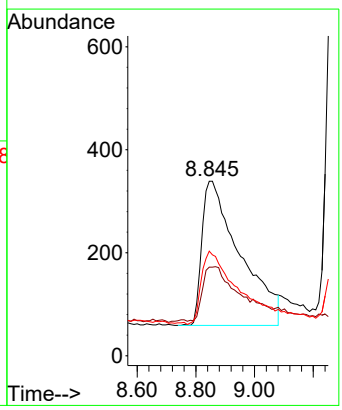


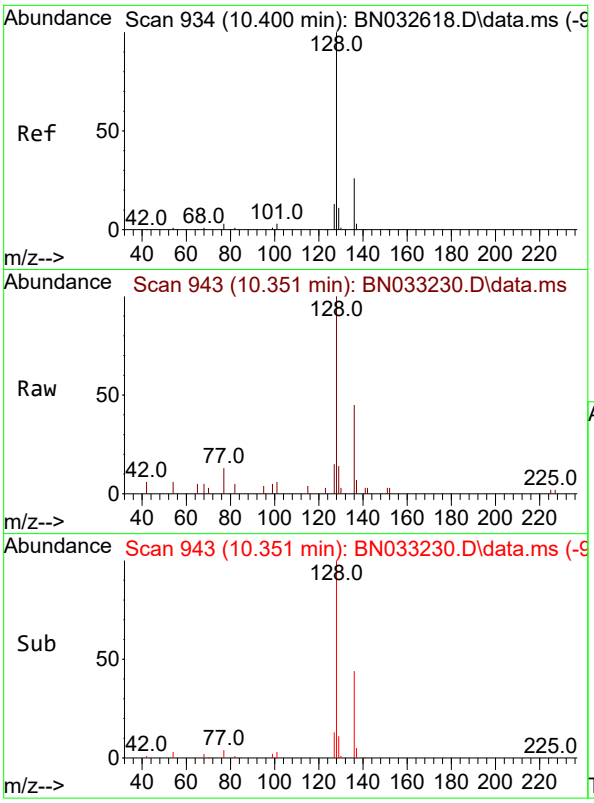


#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.845 min Scan# 802
Delta R.T. 0.032 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion: 82 Resp: 2538

Ion	Ratio	Lower	Upper
82	100		
128	50.7	41.7	62.5
54	59.9	39.5	59.3#



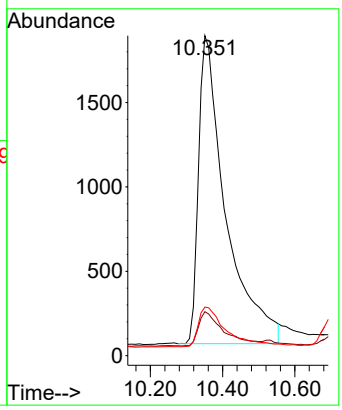


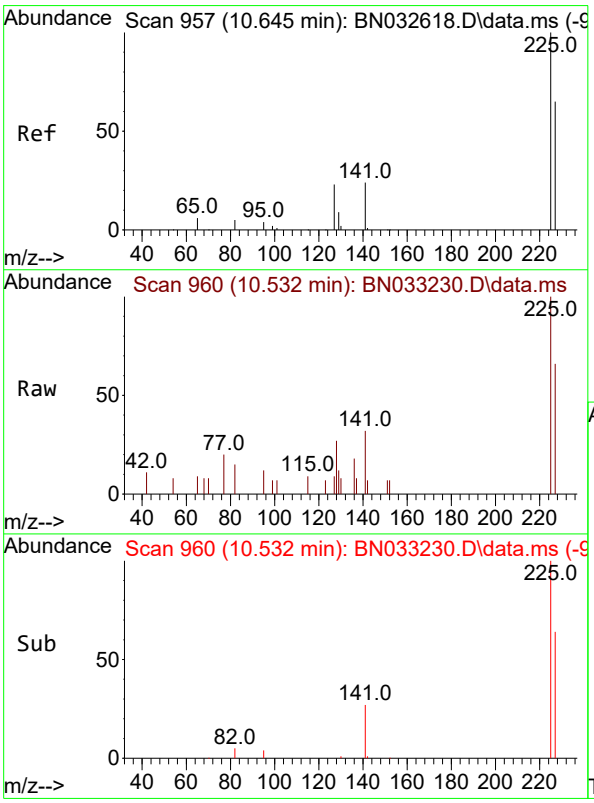
#9
Naphthalene
Concen: 0.379 ng
RT: 10.351 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:128 Resp: 9535

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.8	14.8
127	15.2	11.5	17.3

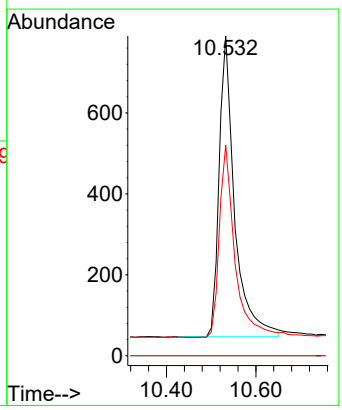


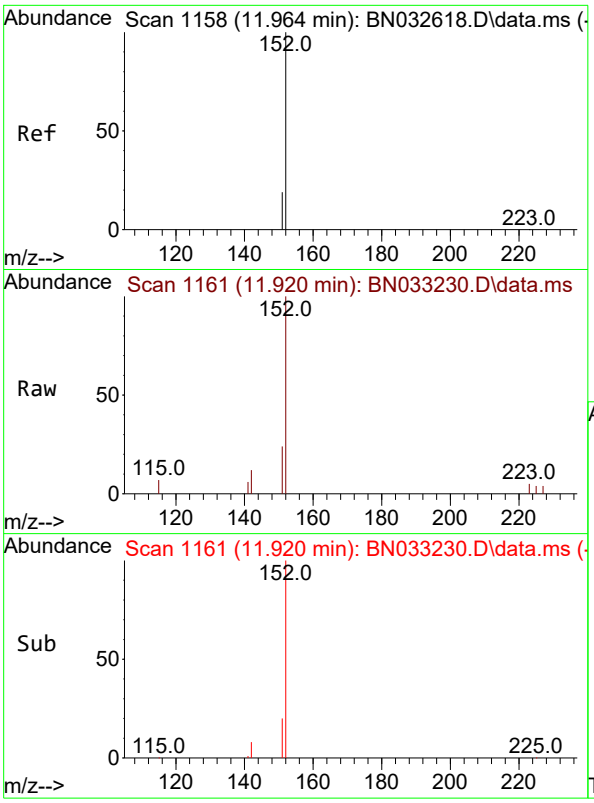


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 10.532 min Scan# 960
Delta R.T. 0.000 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:225 Resp: 1789

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.3	76.9



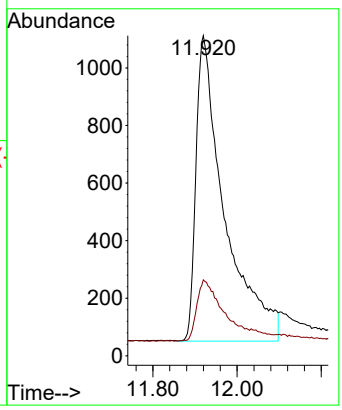


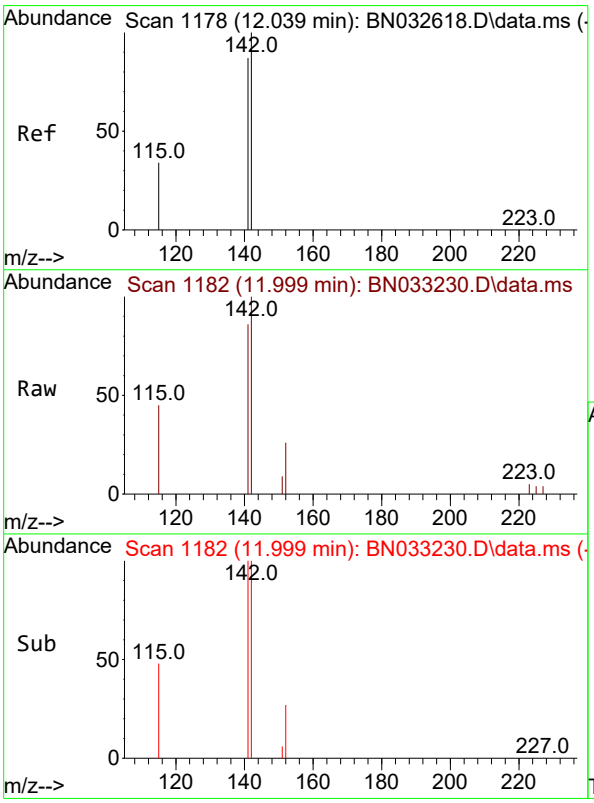
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 11.920 min Scan# 11
Delta R.T. 0.019 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:152 Resp: 4990

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.2	24.2

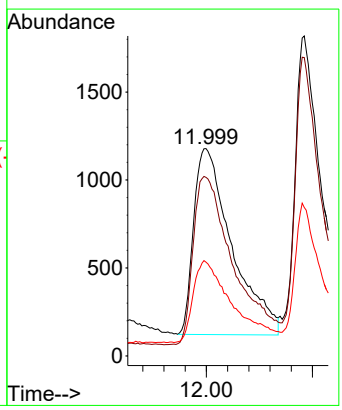


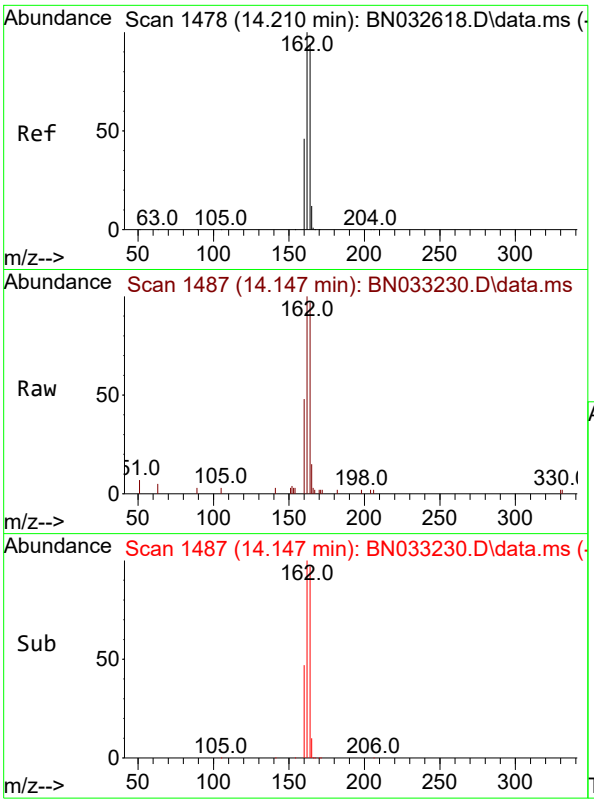


#12
2-Methylnaphthalene
Concen: 0.323 ng
RT: 11.999 min Scan# 1182
Delta R.T. 0.023 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:142 Resp: 5307

Ion	Ratio	Lower	Upper
142	100		
141	86.1	69.3	103.9
115	45.2	29.5	44.3#



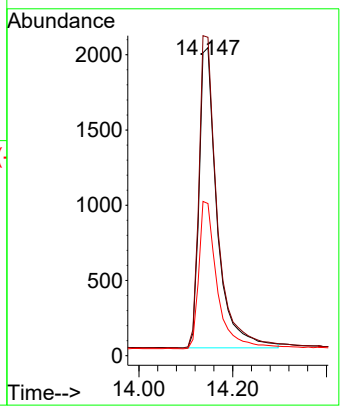


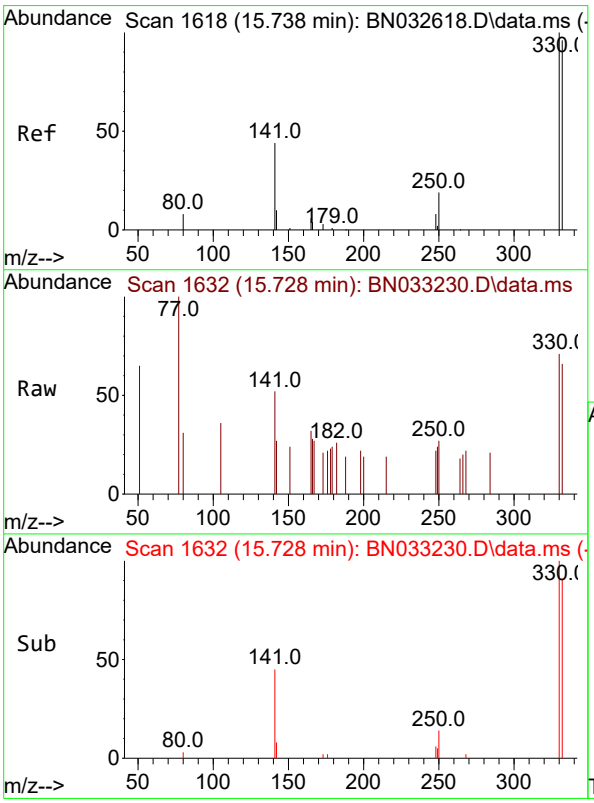
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.147 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:164 Resp: 5314

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.0	127.4
160	49.4	39.4	59.2

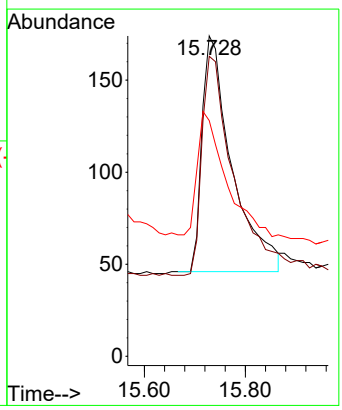


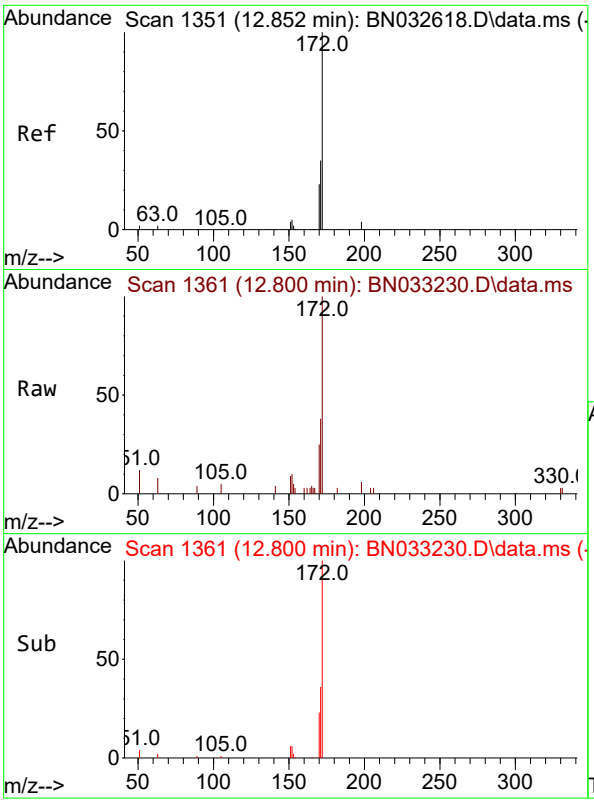


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.728 min Scan# 1632
Delta R.T. 0.012 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:330 Resp: 528

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.8	116.8
141	50.2	34.2	51.2



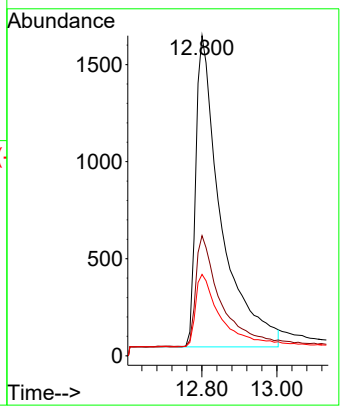


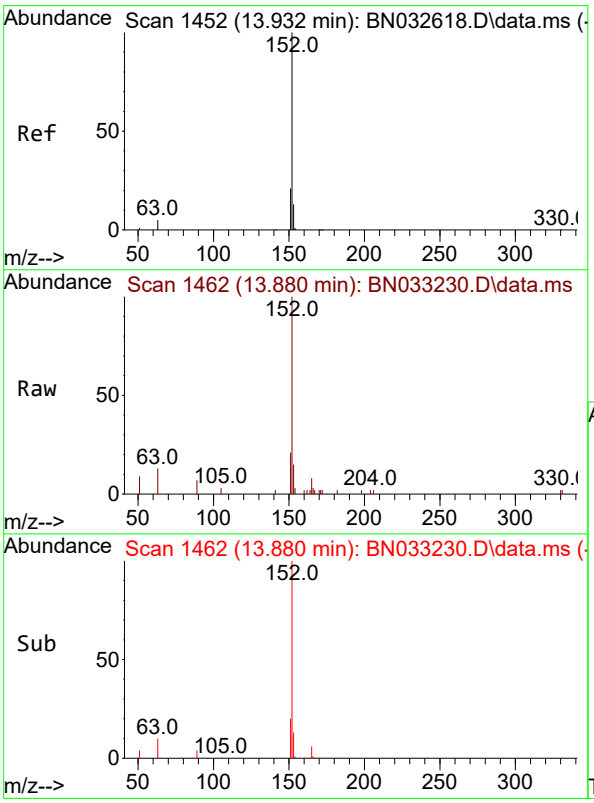
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.800 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:172 Resp: 7468

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	43.0
170	25.4	19.0	28.6

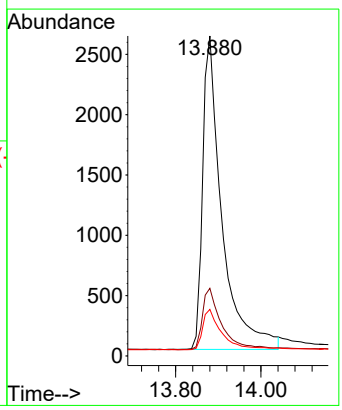


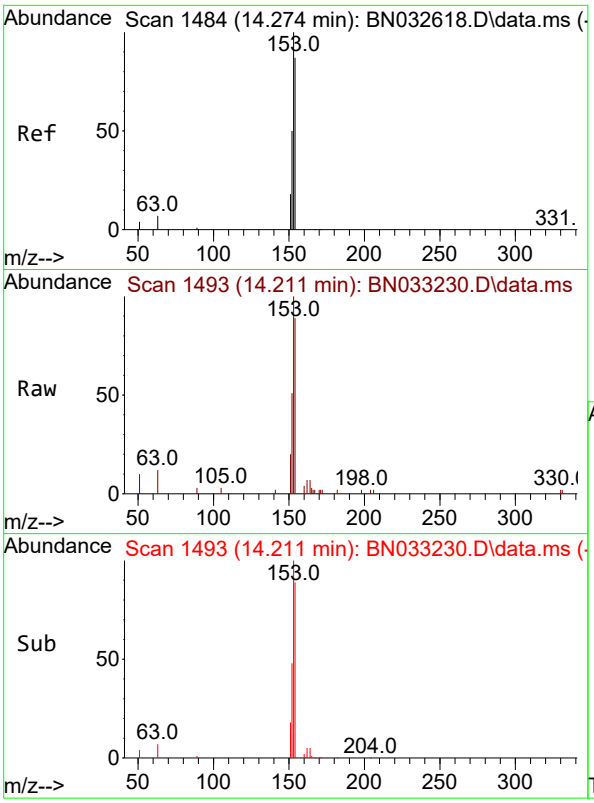


#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.880 min Scan# 1462
Delta R.T. 0.011 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:152 Resp: 8159

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	12.6	10.6	15.8



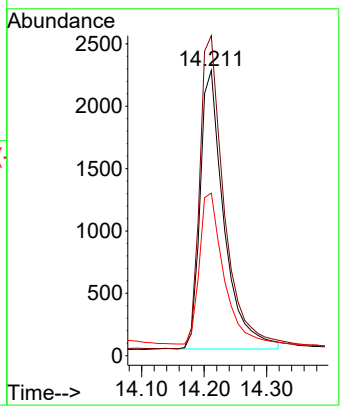


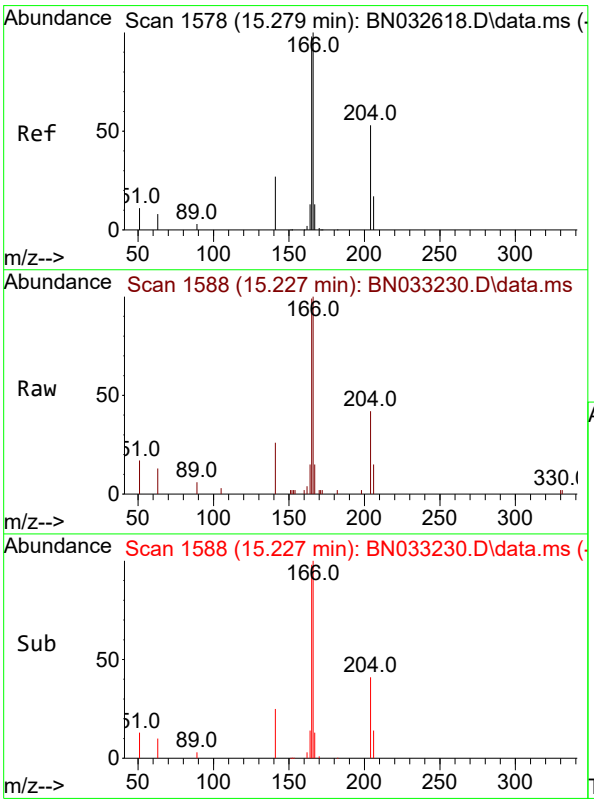
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.211 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:154 Resp: 5936

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.8	137.8
152	54.5	45.2	67.8

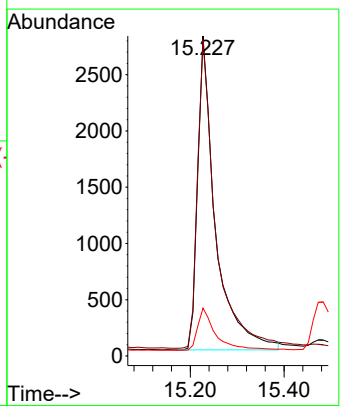


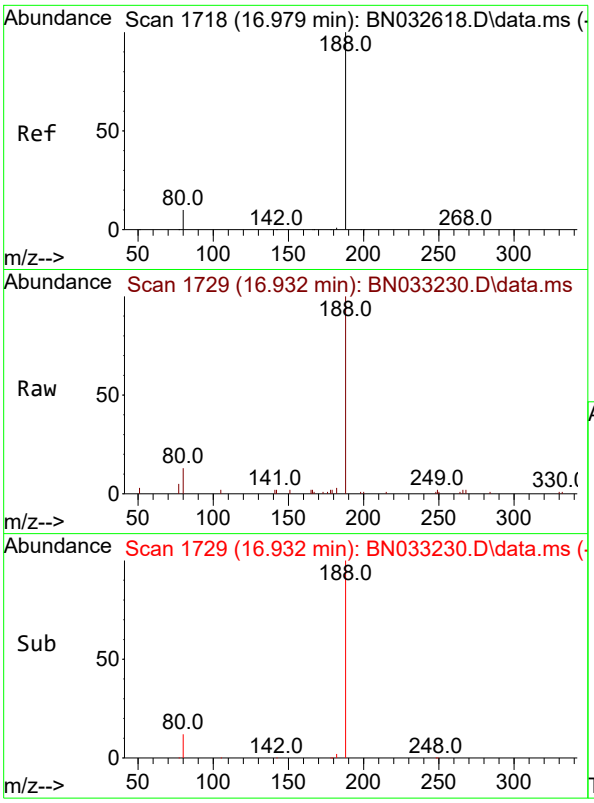


#18
Fluorene
Concen: 0.360 ng
RT: 15.227 min Scan# 1588
Delta R.T. 0.011 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:166 Resp: 7364

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.0	117.0
167	13.6	10.7	16.1



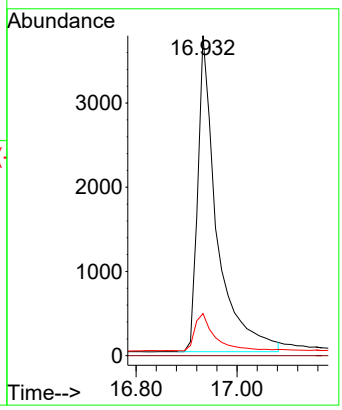


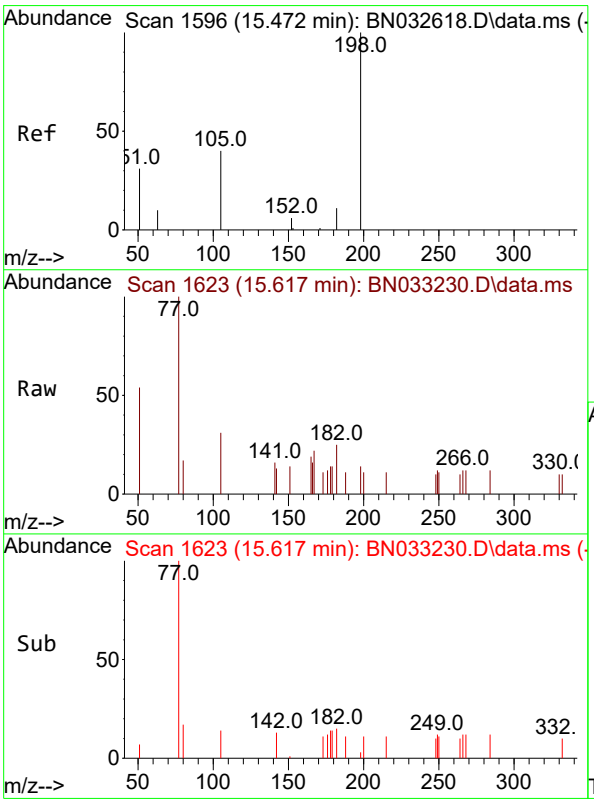
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.932 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:188 Resp: 9888

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	8.8	13.2

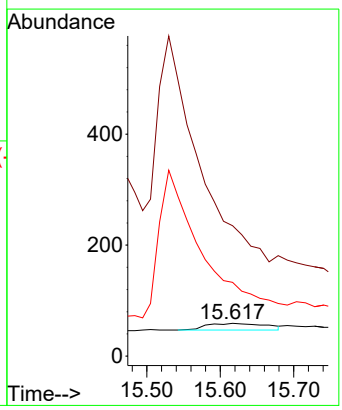


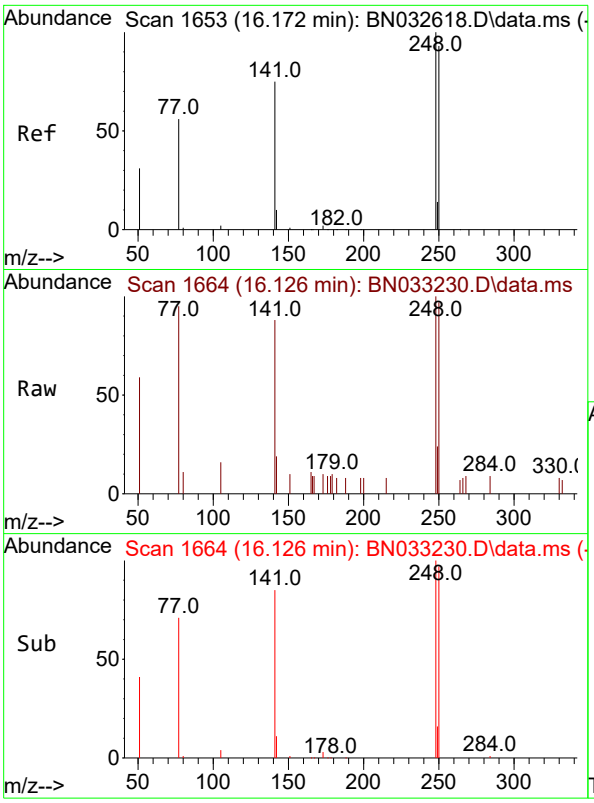


#20
4,6-Dinitro-2-methylphenol
Concen: 0.325 ng
RT: 15.617 min Scan# 1623
Delta R.T. 0.062 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:198 Resp: 68

Ion	Ratio	Lower	Upper
198	100		
51	398.3	105.7	158.5#
105	225.4	63.0	94.6#



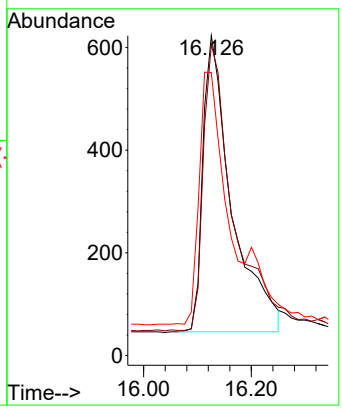


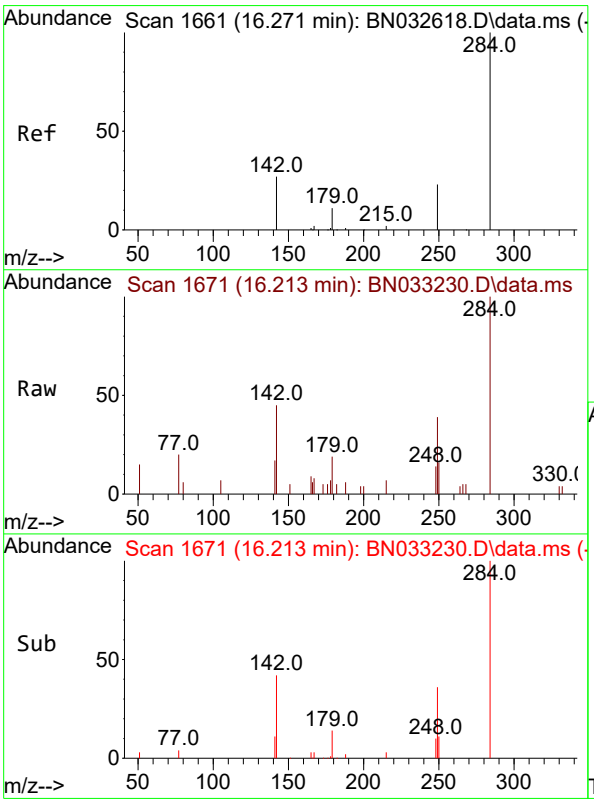
#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.126 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:248 Resp: 2146

Ion	Ratio	Lower	Upper
248	100		
250	97.3	75.1	112.7
141	88.4	62.0	93.0

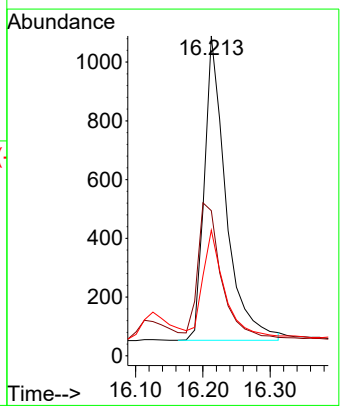


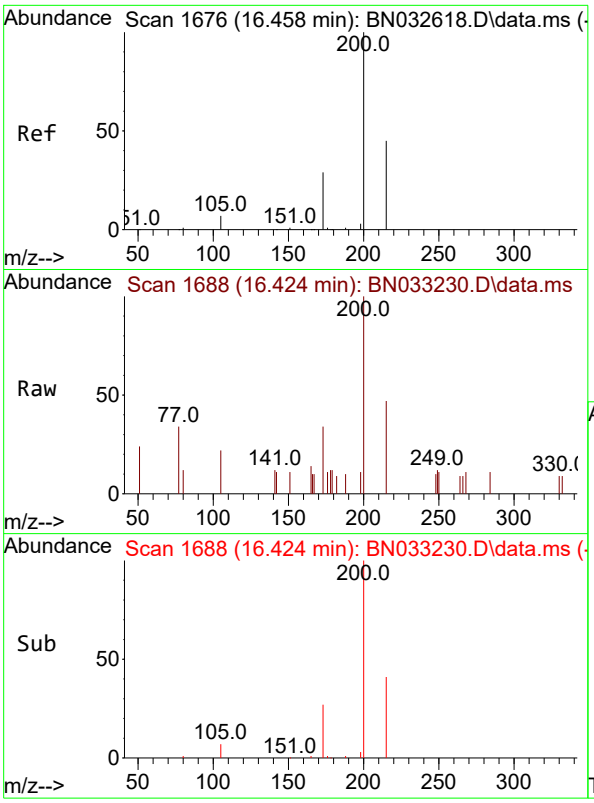


#22
Hexachlorobenzene
Concen: 0.355 ng
RT: 16.213 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:284 Resp: 2310

Ion	Ratio	Lower	Upper
284	100		
142	48.1	29.4	44.0#
249	34.6	24.6	36.8



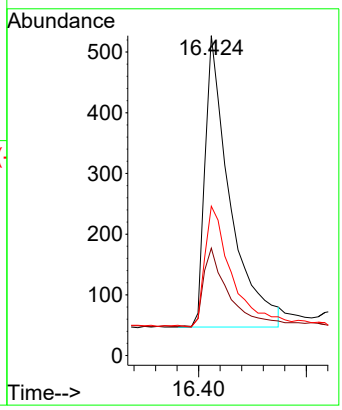


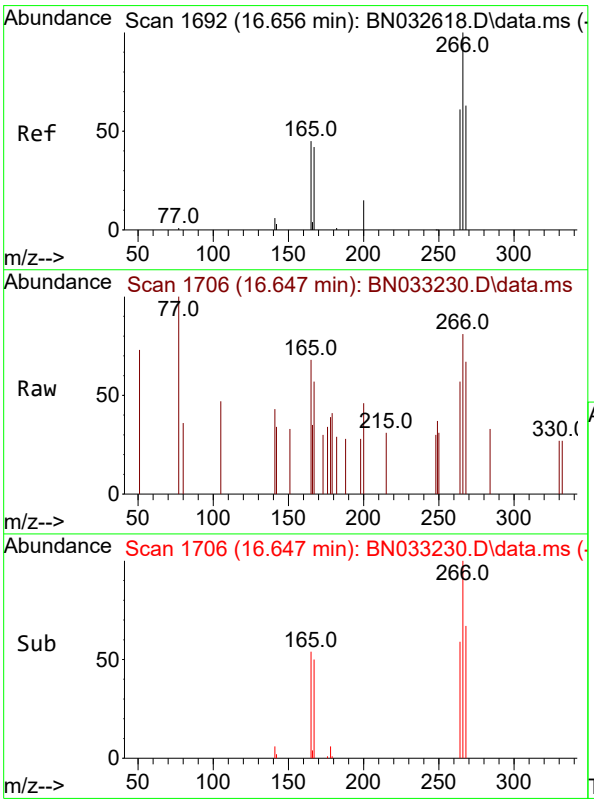
#23
Atrazine
Concen: 0.359 ng
RT: 16.424 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:200 Resp: 1536

Ion	Ratio	Lower	Upper
200	100		
173	33.6	25.4	38.2
215	46.7	38.2	57.2

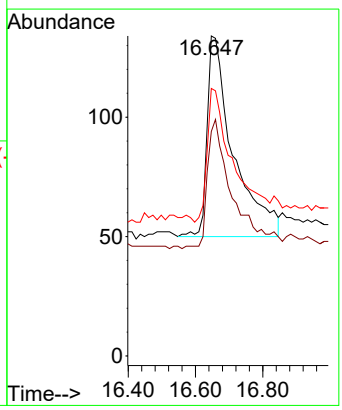


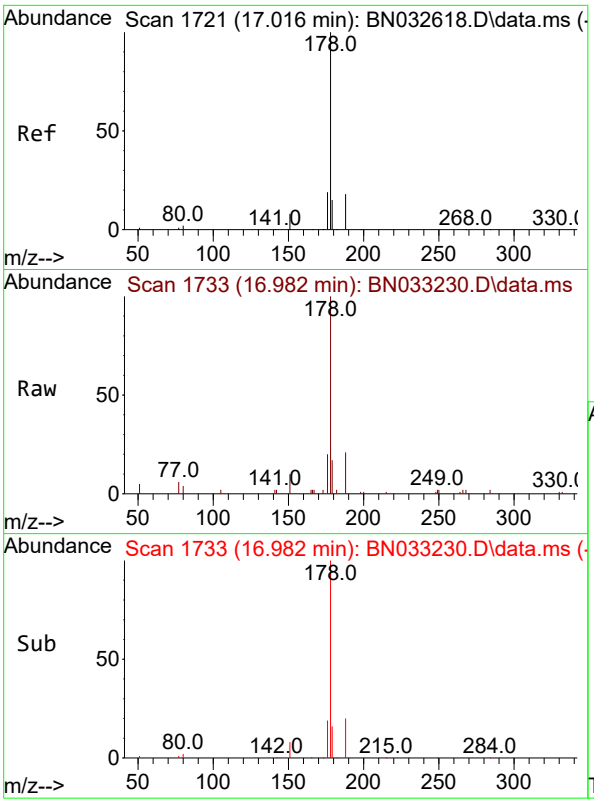


#24
Pentachlorophenol
Concen: 0.189 ng
RT: 16.647 min Scan# 1706
Delta R.T. 0.012 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:266 Resp: 456

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.2	75.2
268	66.7	52.8	79.2



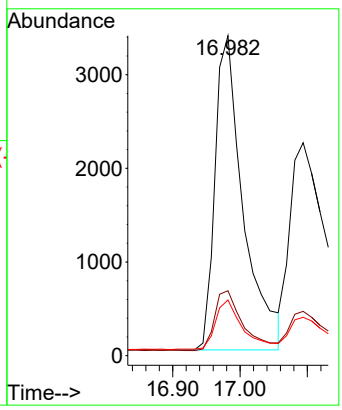


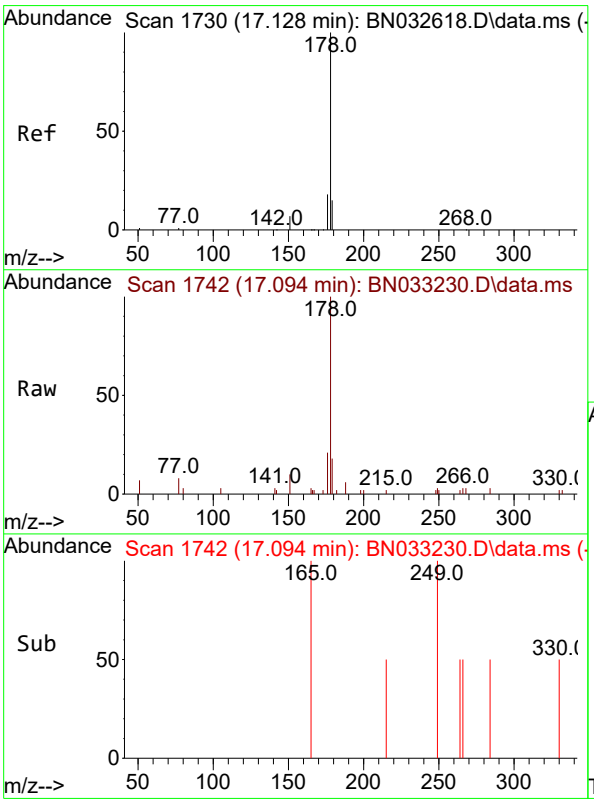
#25
Phenanthrene
Concen: 0.362 ng
RT: 16.982 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:178 Resp: 9785

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.1	12.2	18.4

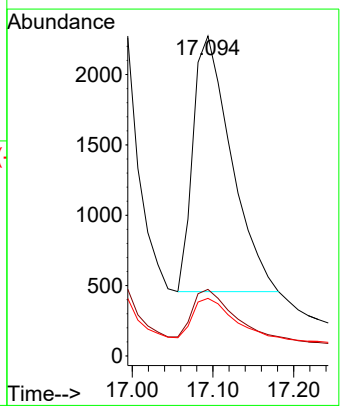


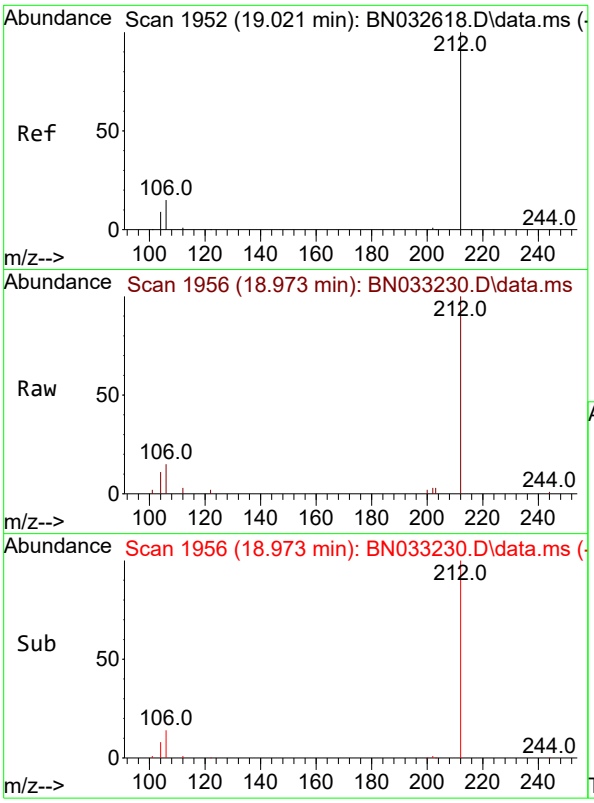


#26
Anthracene
Concen: 0.269 ng
RT: 17.094 min Scan# 1742
Delta R.T. 0.025 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:178 Resp: 5980

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.6	11.8	17.8



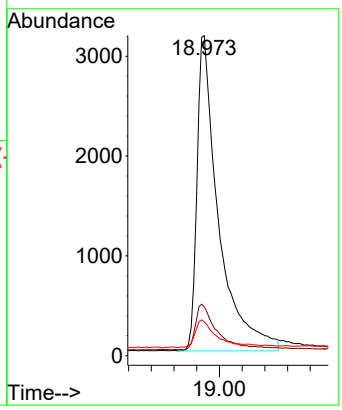


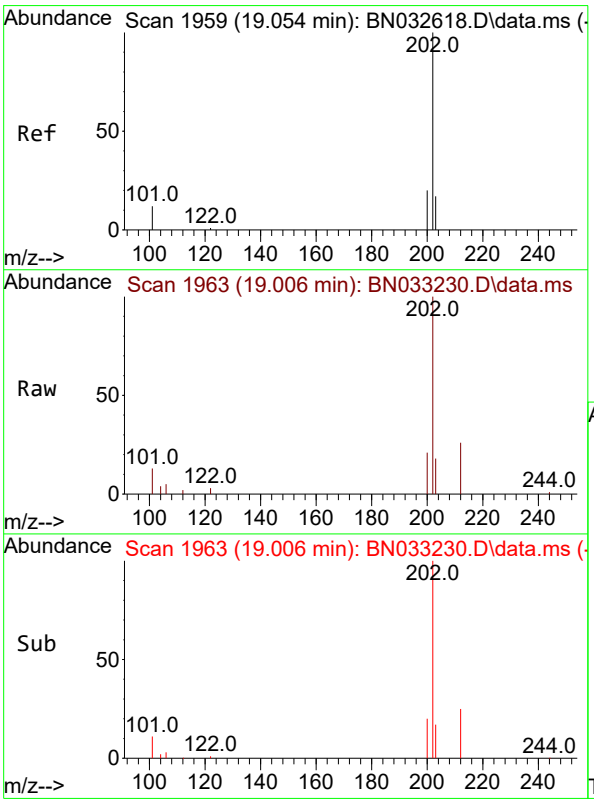
#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 18.973 min Scan# 1
Delta R.T. 0.014 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:212 Resp: 8284

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.9	17.9
104	8.3	6.9	10.3

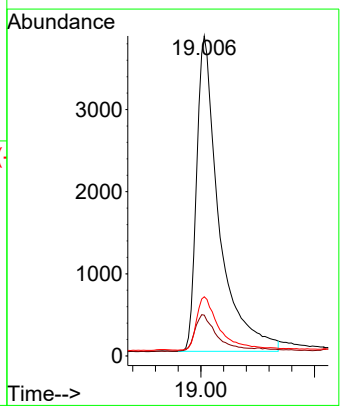


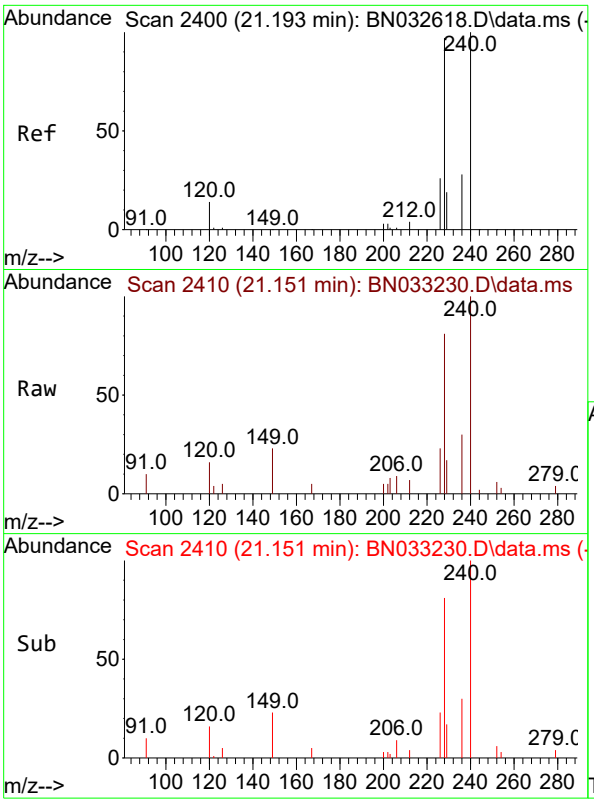


#28
Fluoranthene
Concen: 0.322 ng
RT: 19.006 min Scan# 1963
Delta R.T. 0.014 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:202 Resp: 10528

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.6	14.4
203	17.3	13.8	20.6



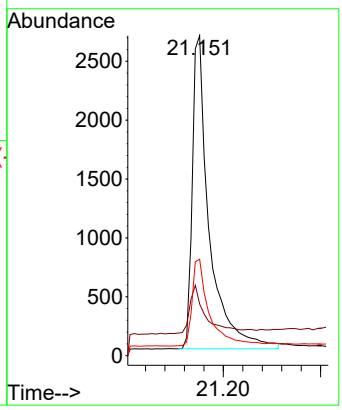


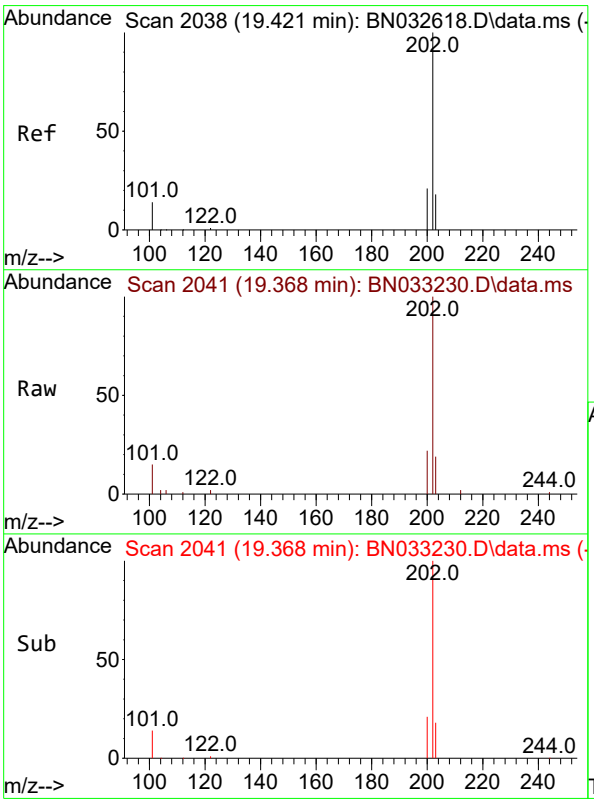
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.151 min Scan# 24
Delta R.T. 0.018 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:240 Resp: 6438

Ion	Ratio	Lower	Upper
240	100		
120	16.1	14.8	22.2
236	30.1	23.3	34.9

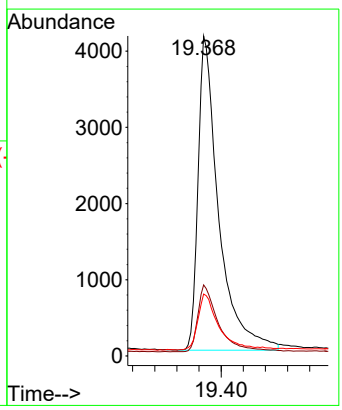


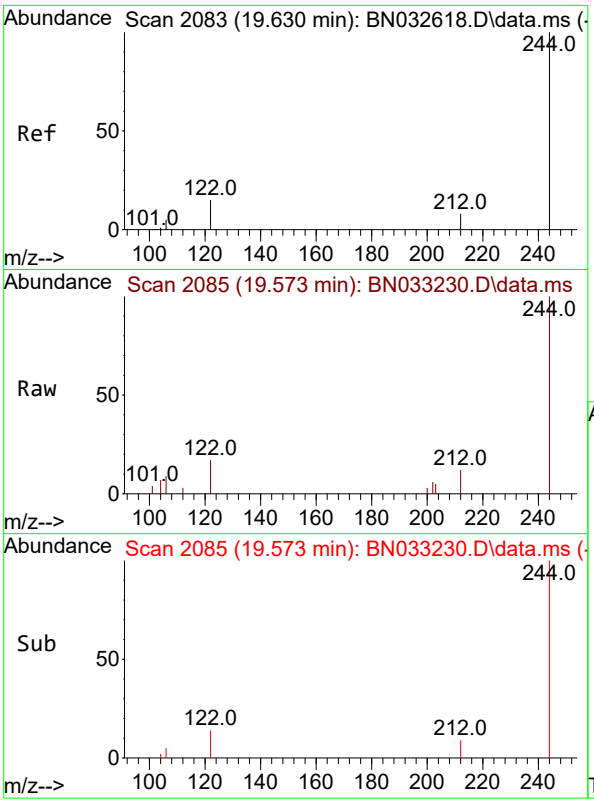


#30
Pyrene
Concen: 0.406 ng
RT: 19.368 min Scan# 2041
Delta R.T. 0.009 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:202 Resp: 10671

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.6	14.8	22.2



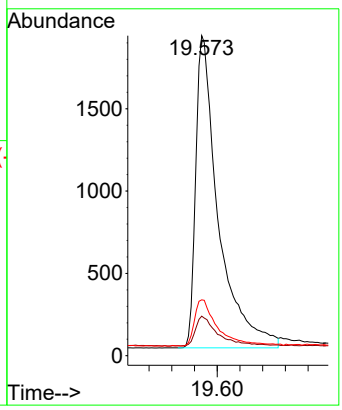


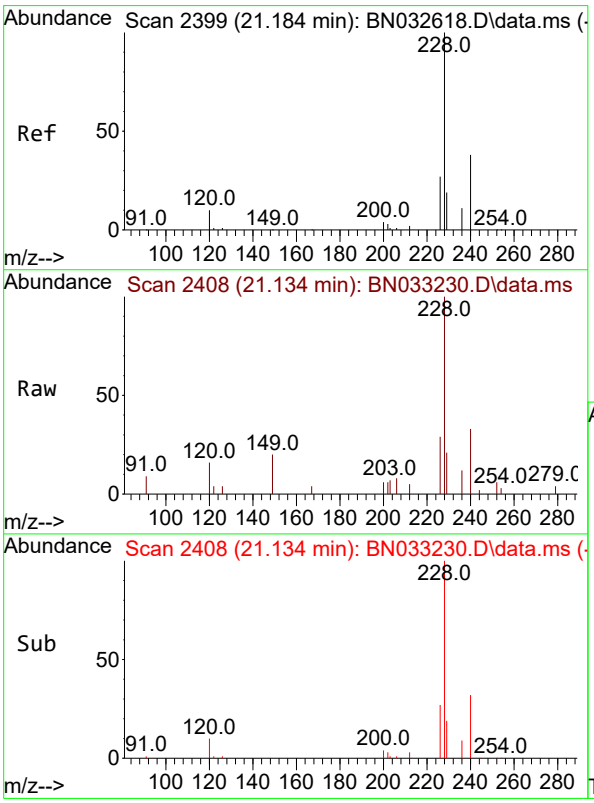
#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.573 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:244 Resp: 5246

Ion	Ratio	Lower	Upper
244	100		
212	12.3	7.5	11.3#
122	17.5	12.6	19.0

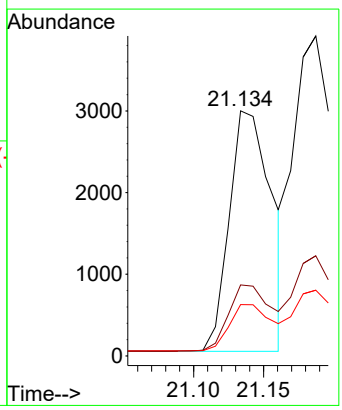


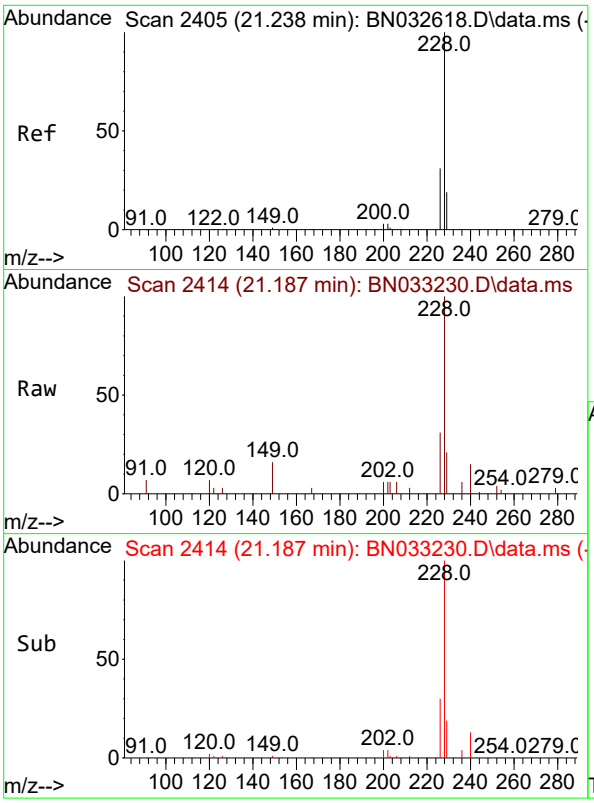


#32
Benzo(a)anthracene
Concen: 0.304 ng
RT: 21.134 min Scan# 2408
Delta R.T. 0.009 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:228 Resp: 6184

Ion	Ratio	Lower	Upper
228	100		
226	29.0	21.8	32.6
229	20.9	16.0	24.0



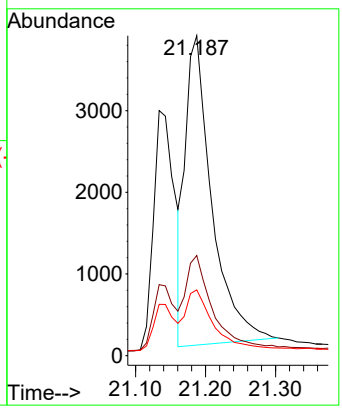


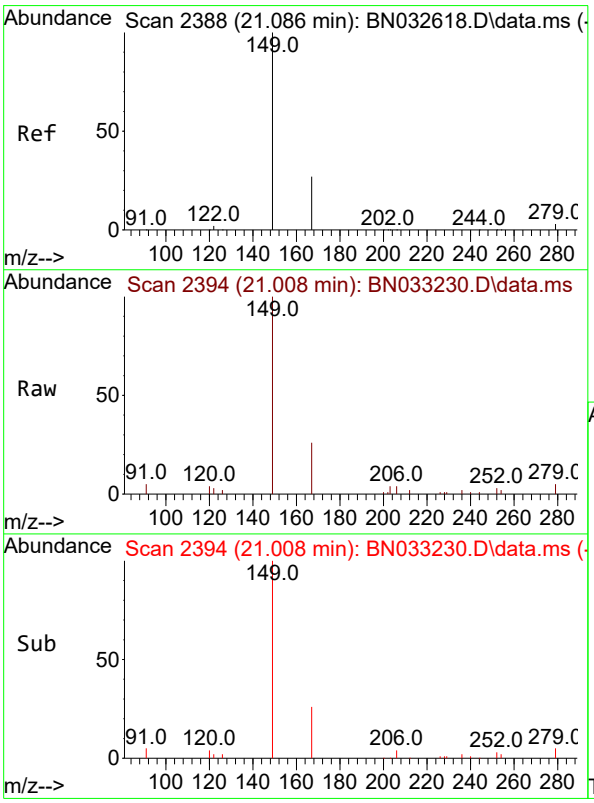
#33
Chrysene
Concen: 0.411 ng
RT: 21.187 min Scan# 24
Delta R.T. 0.018 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:228 Resp: 9949

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.2
229	20.5	16.0	24.0

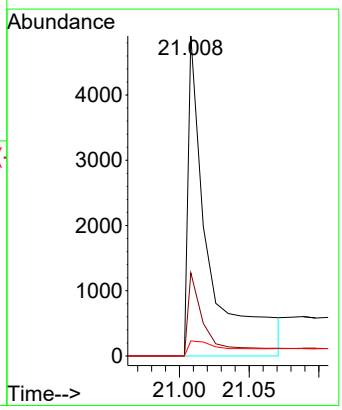


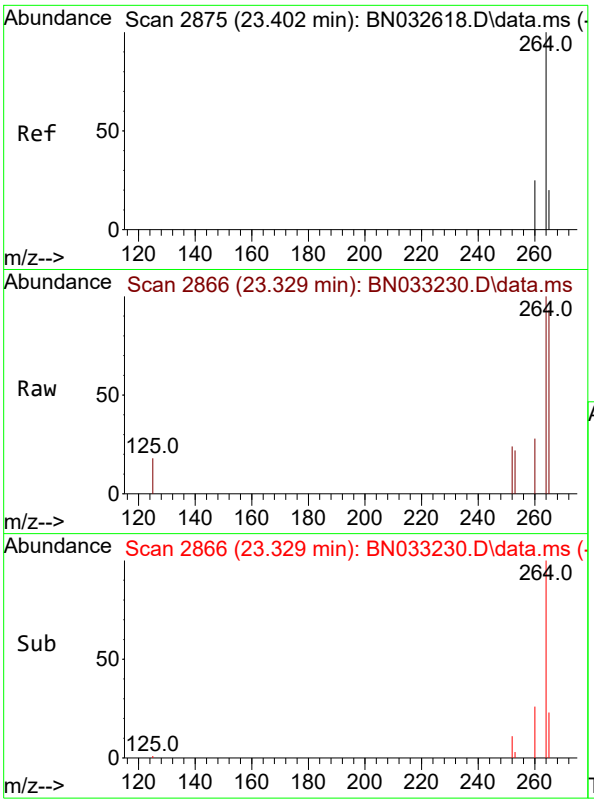


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.457 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:149 Resp: 5154

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.2
279	9.5	2.8	4.2#



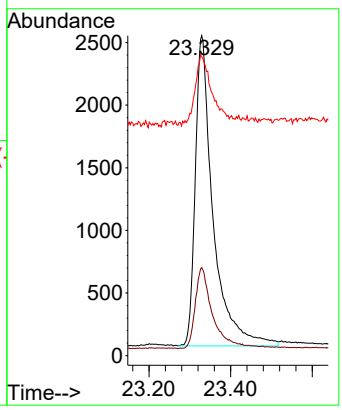


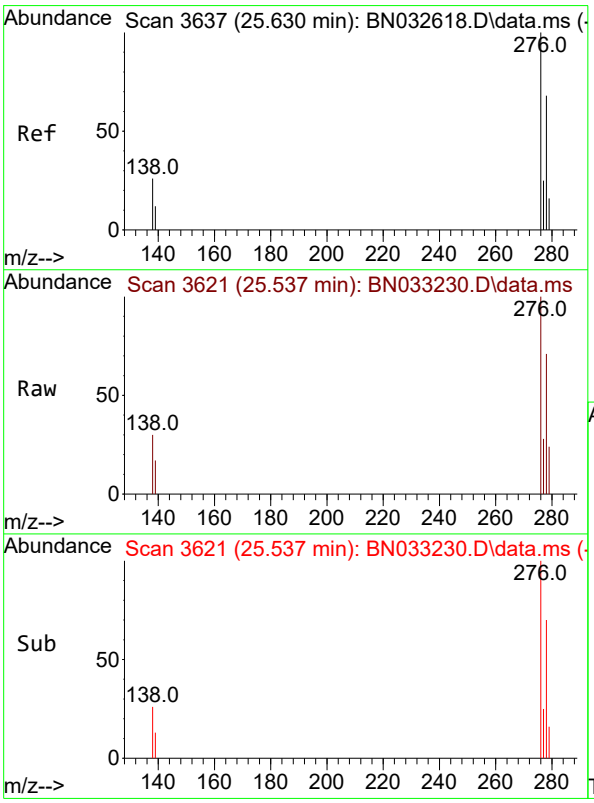
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.329 min Scan# 2
Delta R.T. 0.015 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:264 Resp: 7501

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.9	31.3
265	93.5	85.4	128.2

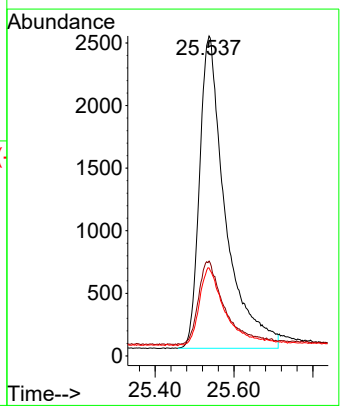


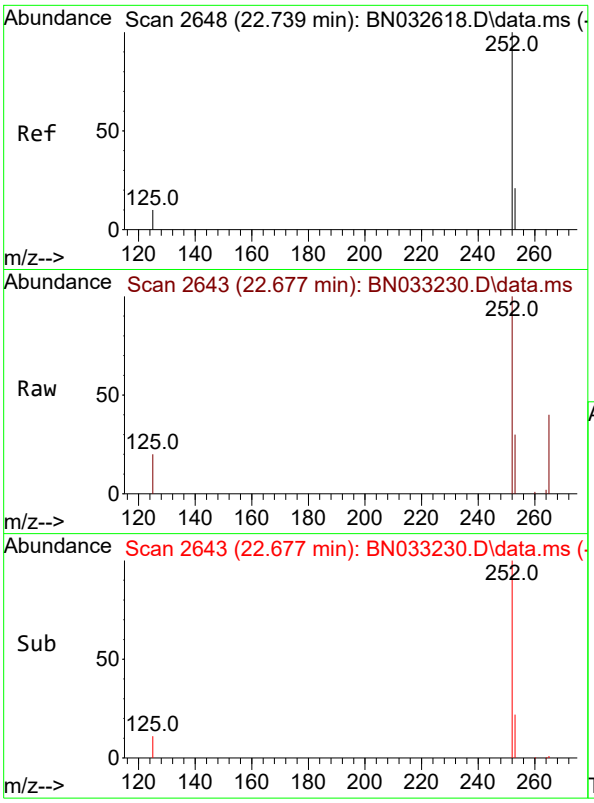


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng
RT: 25.537 min Scan# 3621
Delta R.T. 0.029 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:276 Resp: 11325

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.0	31.4
277	23.9	19.5	29.3



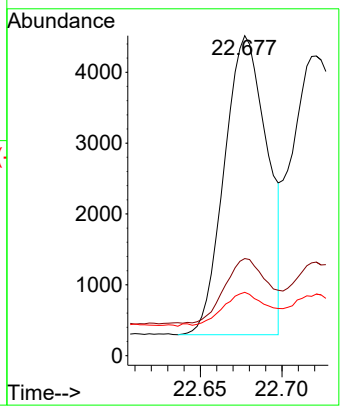


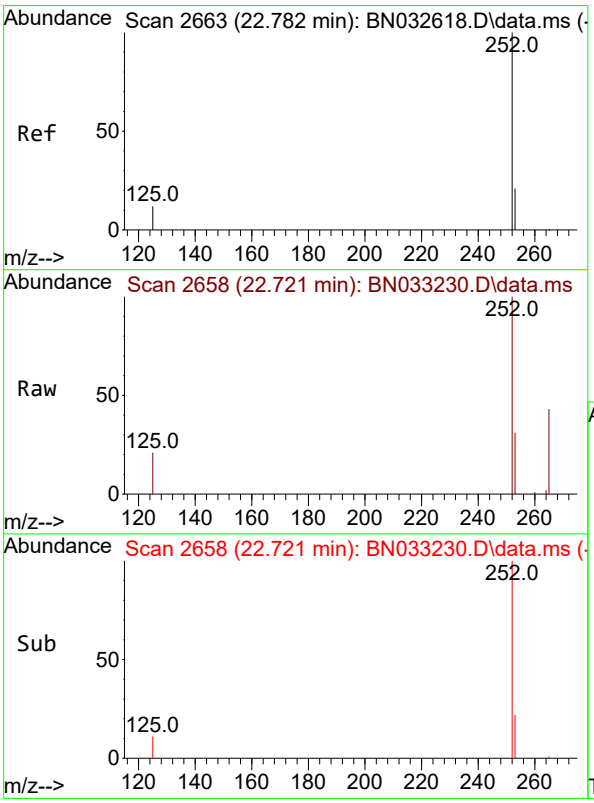
#37
Benzo(b)fluoranthene
Concen: 0.295 ng
RT: 22.677 min Scan# 2
Delta R.T. 0.018 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:252 Resp: 7701

Ion	Ratio	Lower	Upper
252	100		
253	30.3	22.3	33.5
125	19.8	15.4	23.2

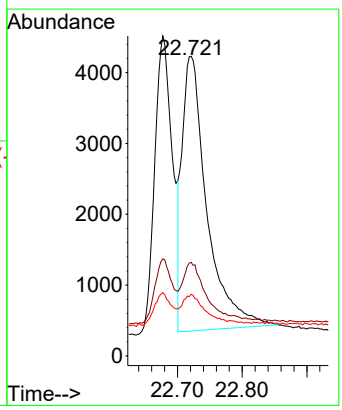


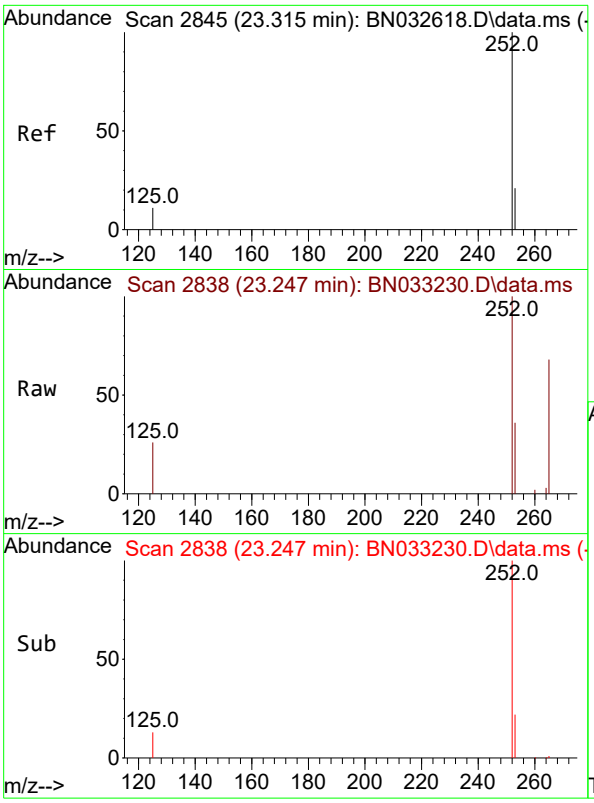


#38
Benzo(k)fluoranthene
Concen: 0.346 ng
RT: 22.721 min Scan# 2658
Delta R.T. 0.018 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:252 Resp: 10319

Ion	Ratio	Lower	Upper
252	100		
253	31.2	22.6	34.0
125	20.5	16.2	24.4



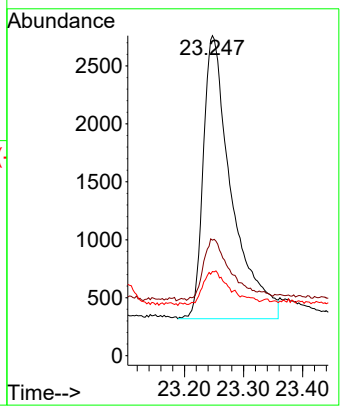


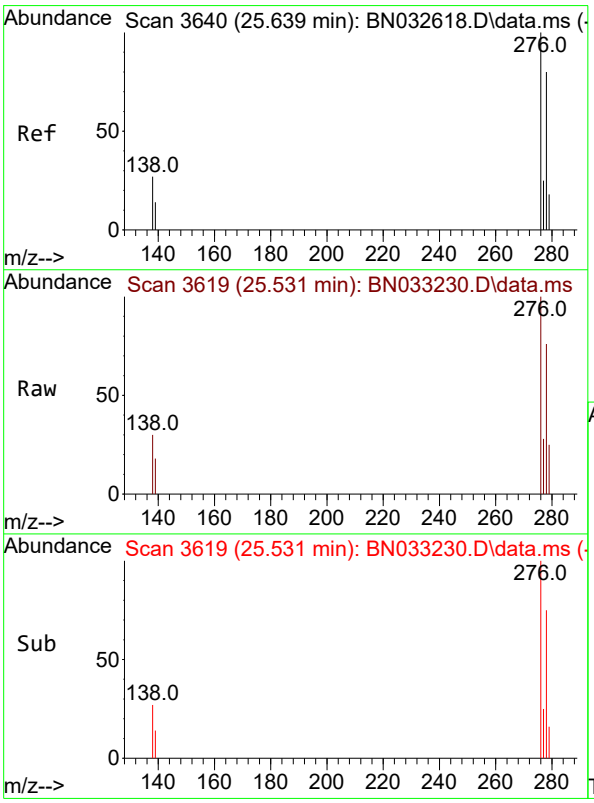
#39
Benzo(a)pyrene
Concen: 0.343 ng
RT: 23.247 min Scan# 2
Delta R.T. 0.023 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:252 Resp: 8089

Ion	Ratio	Lower	Upper
252	100		
253	36.1	25.8	38.8
125	26.3	21.4	32.2

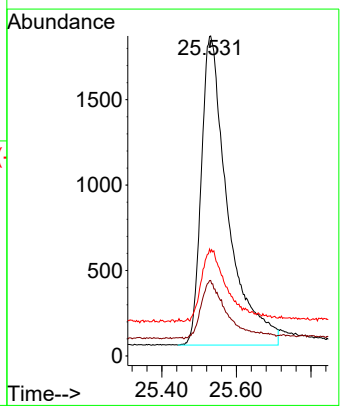


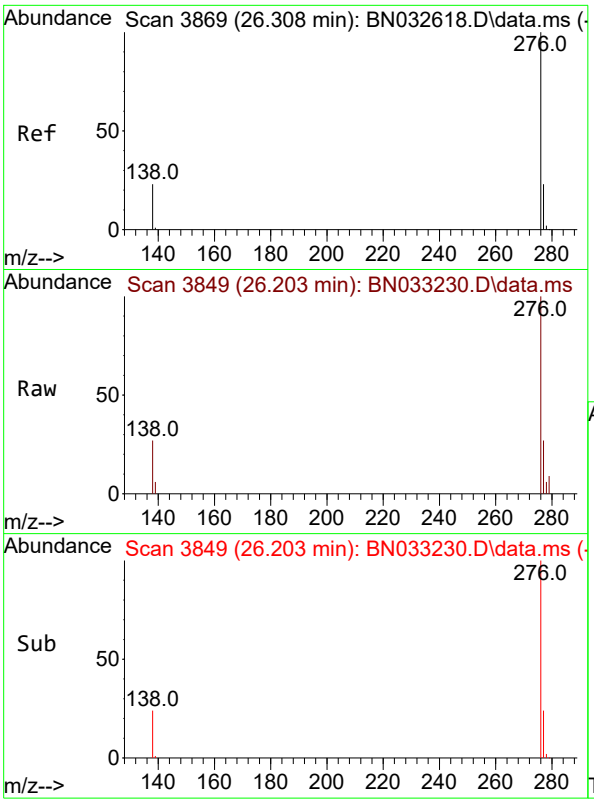


#40
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 25.531 min Scan# 3619
Delta R.T. 0.023 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Tgt Ion:278 Resp: 8934

Ion	Ratio	Lower	Upper
278	100		
139	23.6	16.7	25.1
279	32.5	24.3	36.5





#41
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 26.203 min Scan# 3
Delta R.T. 0.026 min
Lab File: BN033230.D
Acq: 03 Aug 2024 09:47

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Tgt Ion:276 Resp: 10310

Ion	Ratio	Lower	Upper
276	100		
277	26.8	20.2	30.2
138	27.0	20.5	30.7