Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033601.D
Acq On : 23 Aug 2024 22:43
Operator : MA/JU
Sample : PB162937BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Quant Time: Aug 24 02:19:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	9014	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	23115	0.400	ng	#	0.00
13) Acenaphthene-d10	14.178	164	10940	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	21006	0.400	ng		0.00
29) Chrysene-d12	21.139	240	16616	0.400	ng	#	0.00
35) Perylene-d12	23.303	264	18832	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	9872	0.345	ng		0.00
5) Phenol-d6	6.736	99	11982	0.352	ng		0.00
8) Nitrobenzene-d5	8.681	82	7220	0.377	ng		0.00
11) 2-Methylnaphthalene-d10	11.899	152	12124	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	2176	0.370	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	16969	0.380	ng		0.00
27) Fluoranthene-d10	18.970	212	19154	0.379	ng		0.00
31) Terphenyl-d14	19.583	244	13355	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	3462	0.334	ng		93
3) n-Nitrosodimethylamine	3.472	42	3956	0.328	ng	#	96
6) bis(2-Chloroethyl)ether	6.982	93	9083	0.376	ng		99
9) Naphthalene	10.357	128	22588	0.366	ng		99
10) Hexachlorobutadiene	10.645	225	4800	0.390	ng	#	99
12) 2-Methylnaphthalene	11.975	142	13996	0.358	ng		99
16) Acenaphthylene	13.889	152	17324	0.361	ng		100
17) Acenaphthene	14.242	154	11817	0.350	ng		99
18) Fluorene	15.236	166	14630	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	414	0.126	ng	#	81
21) 4-Bromophenyl-phenylether	16.135	248	4770	0.374	ng		97
22) Hexachlorobenzene	16.247	284	5201	0.369	ng		100
23) Atrazine	16.408	200	3932	0.386	ng		95
24) Pentachlorophenol	16.594	266	2244	0.368	ng		99
25) Phenanthrene	16.966	178	20916	0.358	ng		100
26) Anthracene	17.066	178	18911	0.366	ng		100
28) Fluoranthene	19.003	202	23627	0.366	ng		100
30) Pyrene	19.365	202	24903	0.336	ng		100
32) Benzo(a)anthracene	21.121	228	22891	0.381	ng		99
33) Chrysene	21.175	228	21884	0.366	ng		99
34) Bis(2-ethylhexyl)phtha...	21.077	149	25046	0.659	ng	#	88
36) Indeno(1,2,3-cd)pyrene	25.449	276	28052	0.359	ng		98
37) Benzo(b)fluoranthene	22.657	252	24538	0.349	ng		99
38) Benzo(k)fluoranthene	22.700	252	23213	0.335	ng		98
39) Benzo(a)pyrene	23.206	252	21138	0.363	ng		100
40) Dibenzo(a,h)anthracene	25.469	278	22377	0.358	ng		98
41) Benzo(g,h,i)perylene	26.104	276	23720	0.355	ng		98

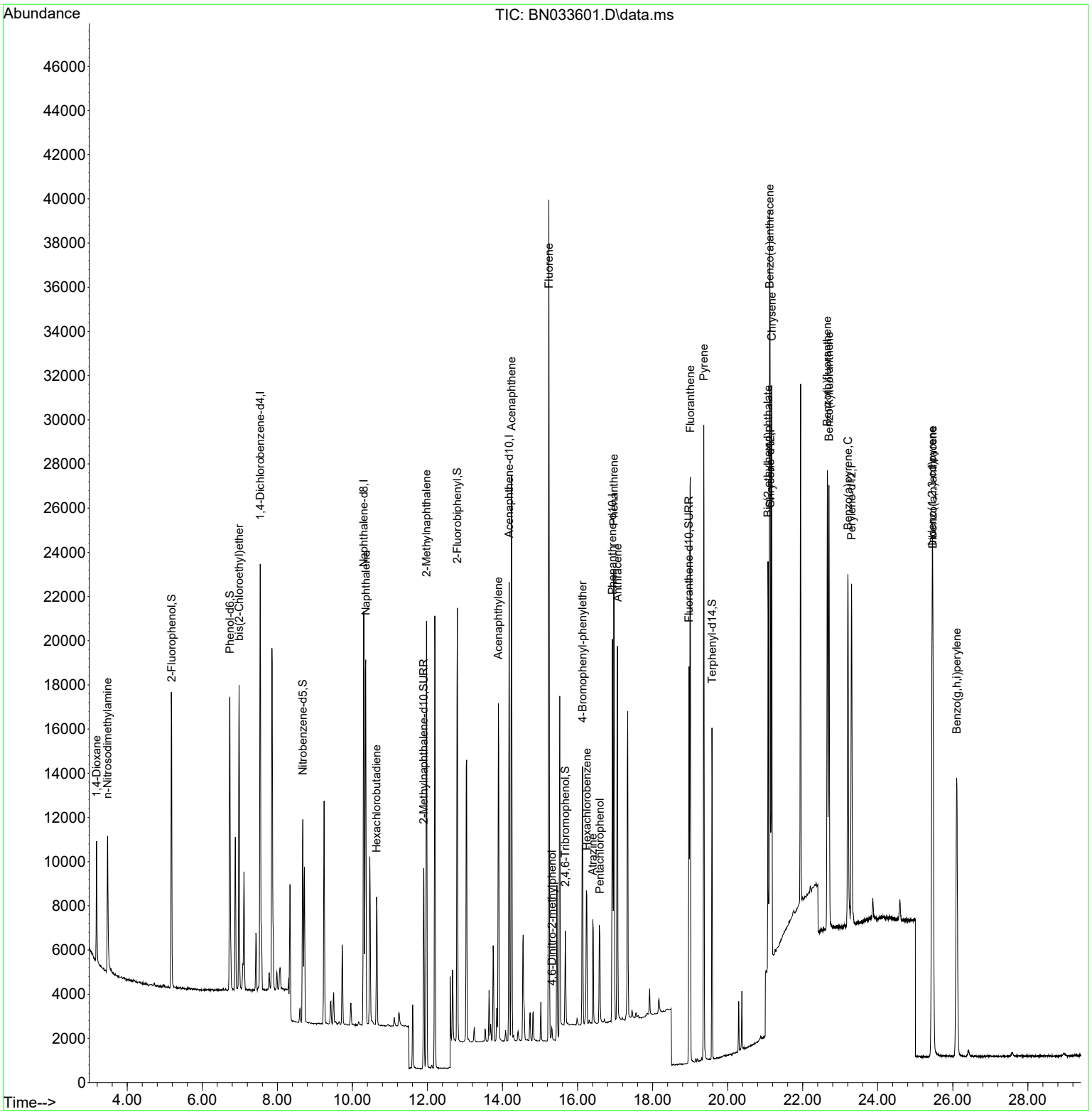
(#) = qualifier out of range (m) = manual integration (+) = signals summed

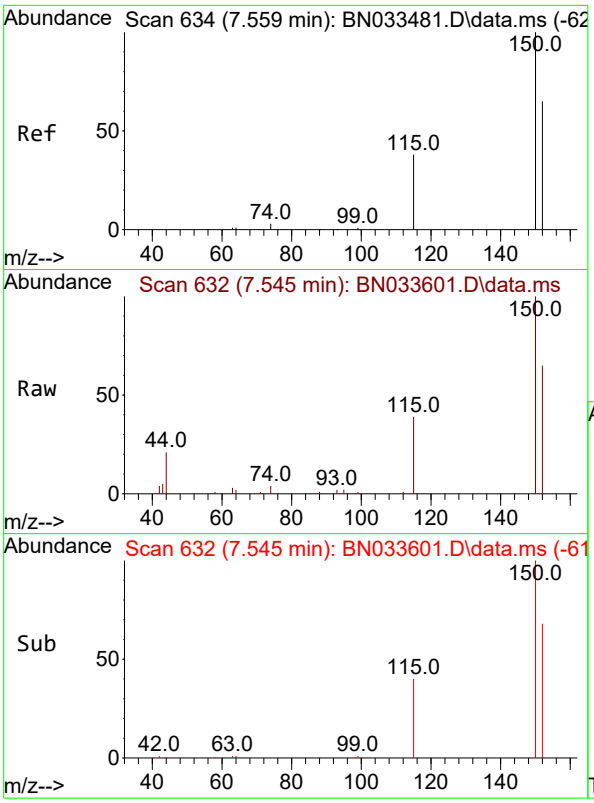
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033601.D
Acq On : 23 Aug 2024 22:43
Operator : MA/JU
Sample : PB162937BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Quant Time: Aug 24 02:19:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration



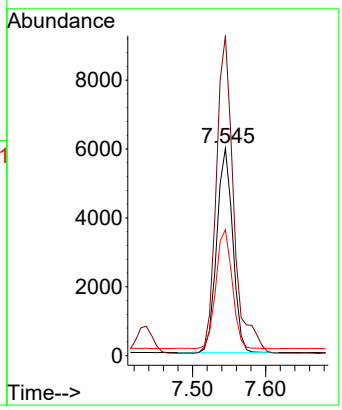


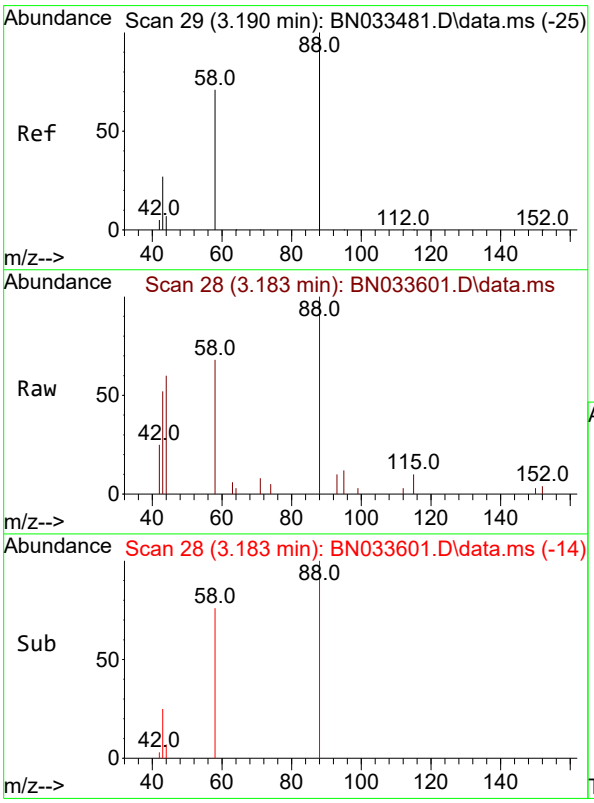
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:152 Resp: 9014

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.2	183.2
115	60.7	47.2	70.8

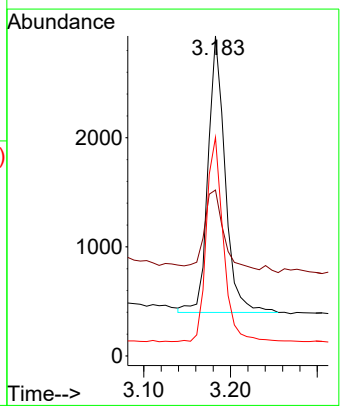


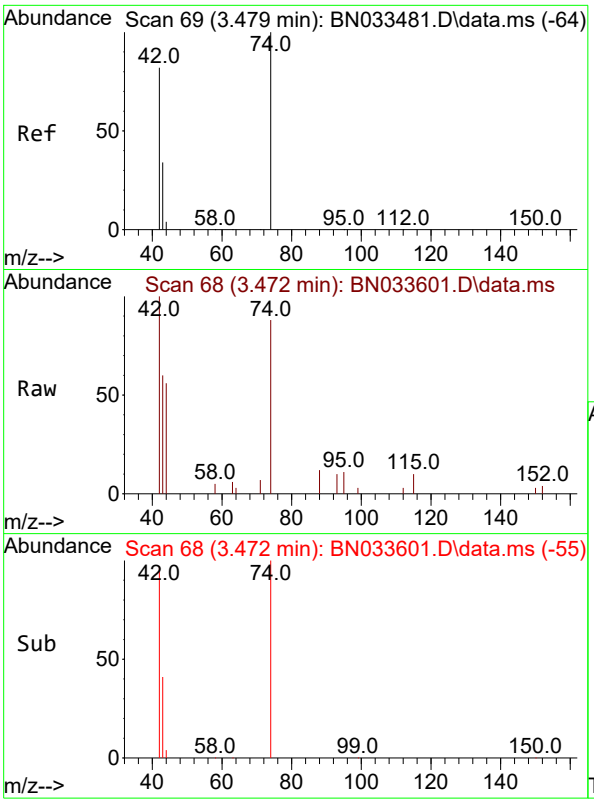


#2
1,4-Dioxane
Concen: 0.334 ng
RT: 3.183 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion: 88 Resp: 3462

Ion	Ratio	Lower	Upper
88	100		
43	37.2	25.0	37.4
58	73.2	62.5	93.7



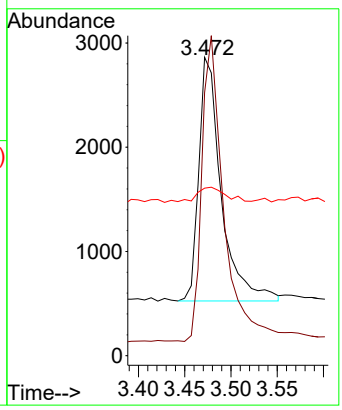


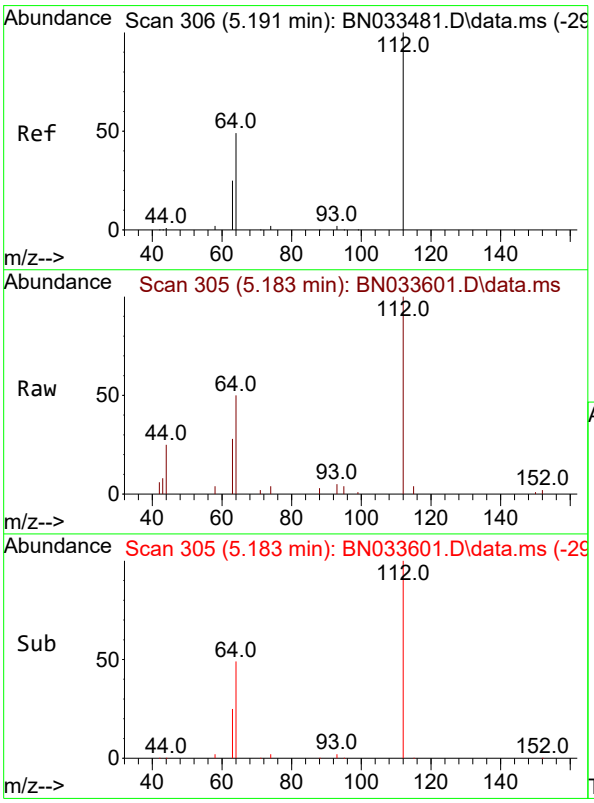
#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.472 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion: 42 Resp: 3956

Ion	Ratio	Lower	Upper
42	100		
74	121.2	100.2	150.2
44	8.4	5.3	7.9#

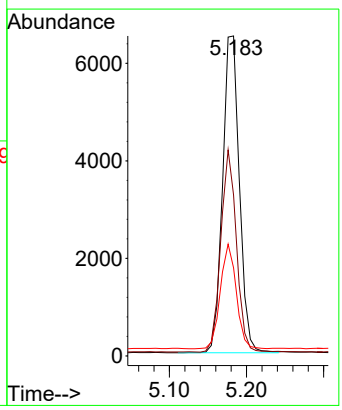


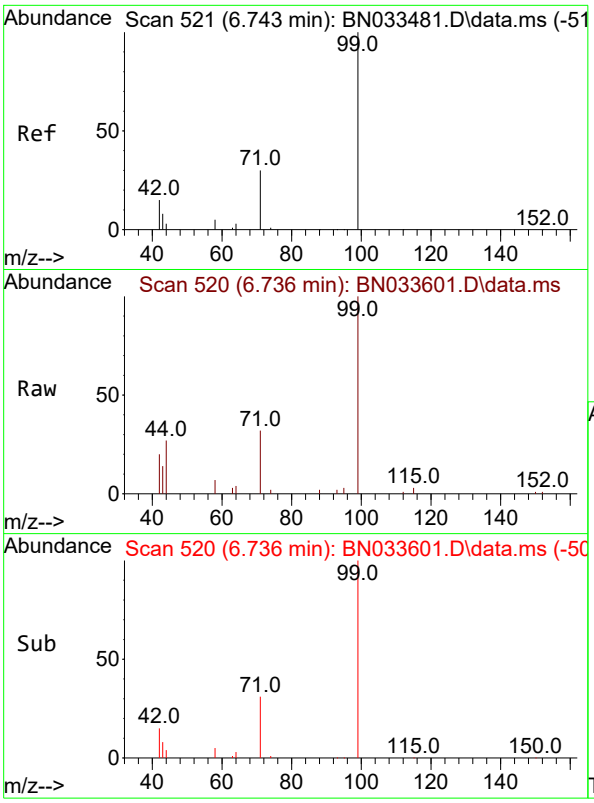


#4
2-Fluorophenol
Concen: 0.345 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:112 Resp: 9872

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.1	70.7
63	31.2	24.9	37.3



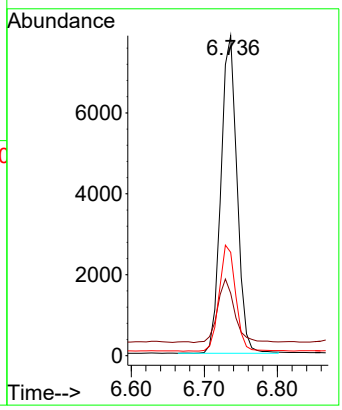


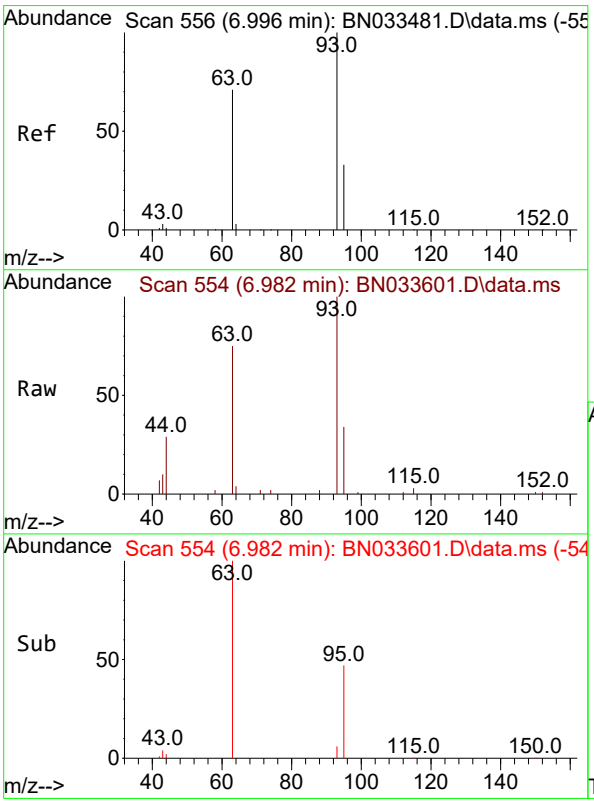
#5
Phenol-d6
Concen: 0.352 ng
RT: 6.736 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion: 99 Resp: 11982

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.6	24.8
71	34.2	26.2	39.4

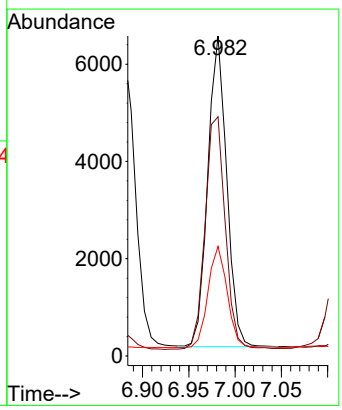


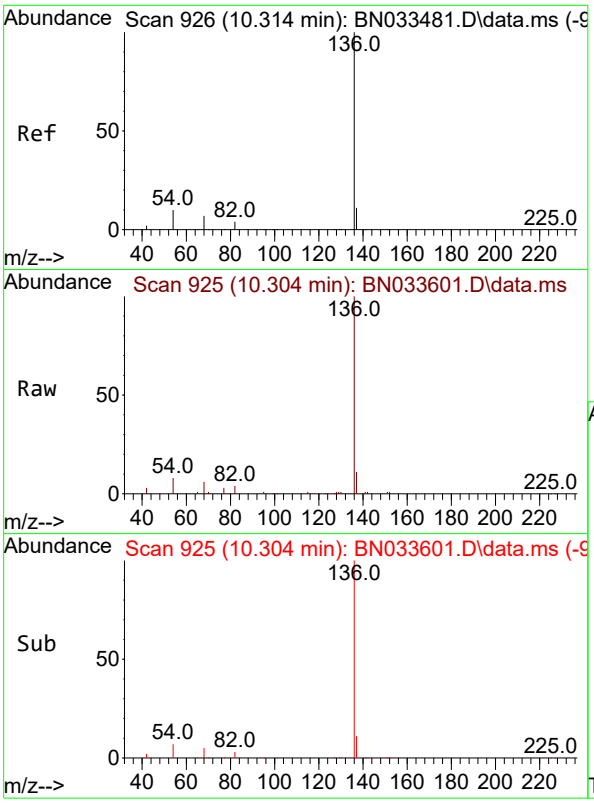


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 6.982 min Scan# 554
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion: 93 Resp: 9083

Ion	Ratio	Lower	Upper
93	100		
63	80.0	63.0	94.4
95	33.2	26.0	39.0



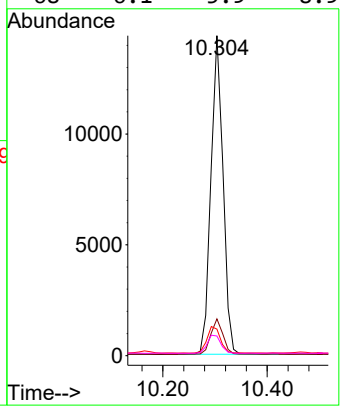


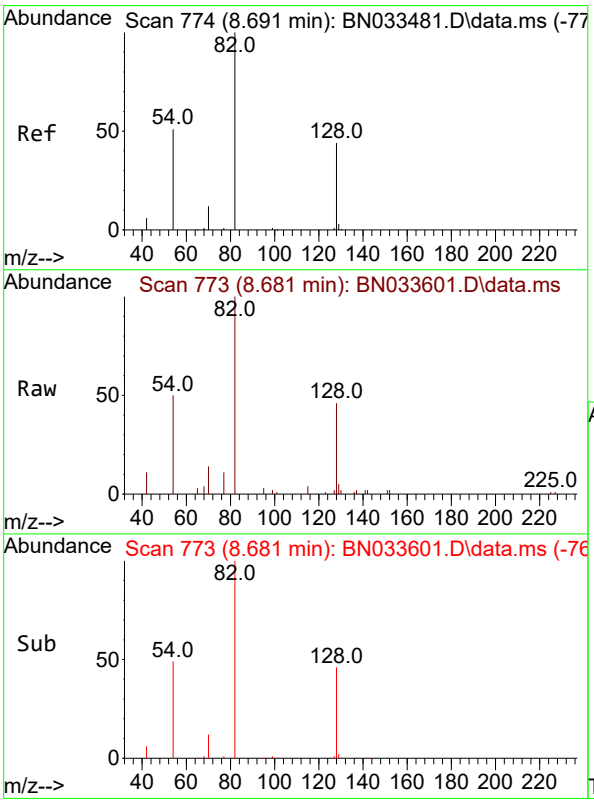
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:136 Resp: 23115

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.3	8.3	12.5#
68	6.1	5.9	8.9

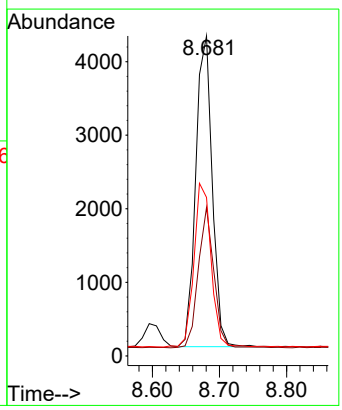


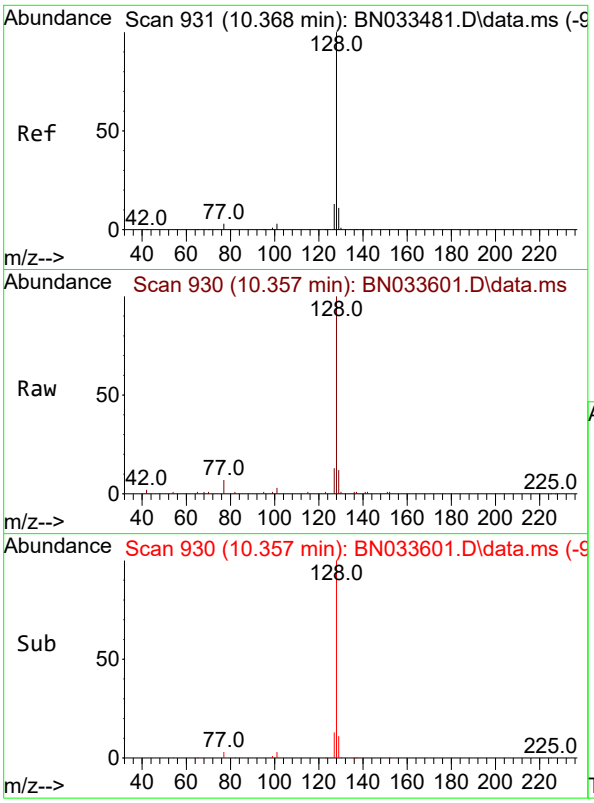


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion: 82 Resp: 7220

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.0	54.0
54	49.6	42.0	63.0



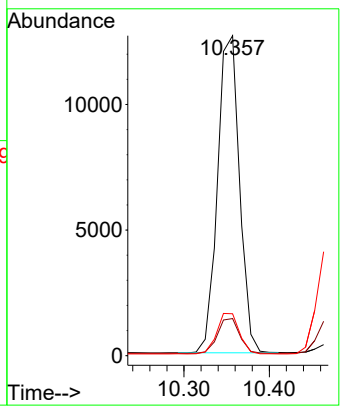


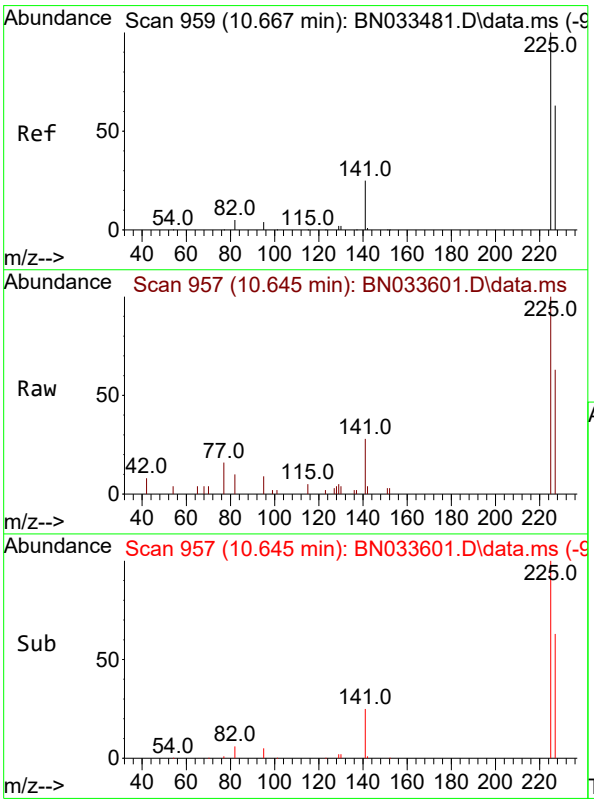
#9
Naphthalene
Concen: 0.366 ng
RT: 10.357 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:128 Resp: 22588

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.1	10.7	16.1

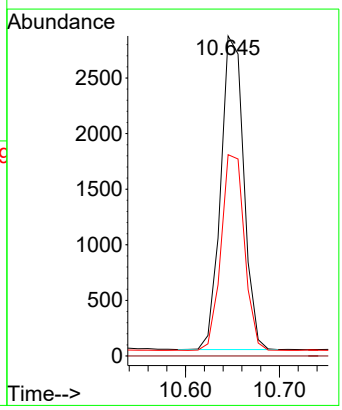


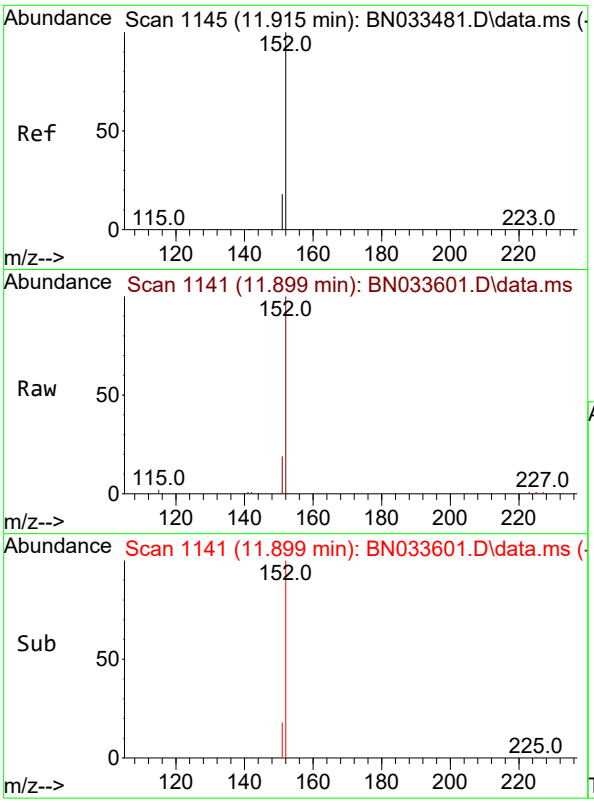


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.645 min Scan# 957
Delta R.T. -0.011 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:225 Resp: 4800

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



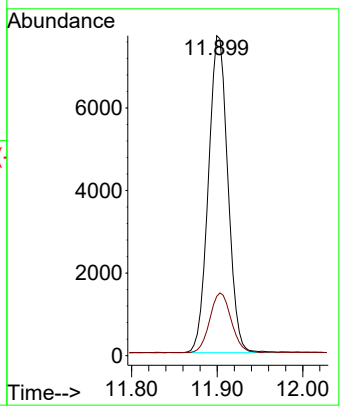


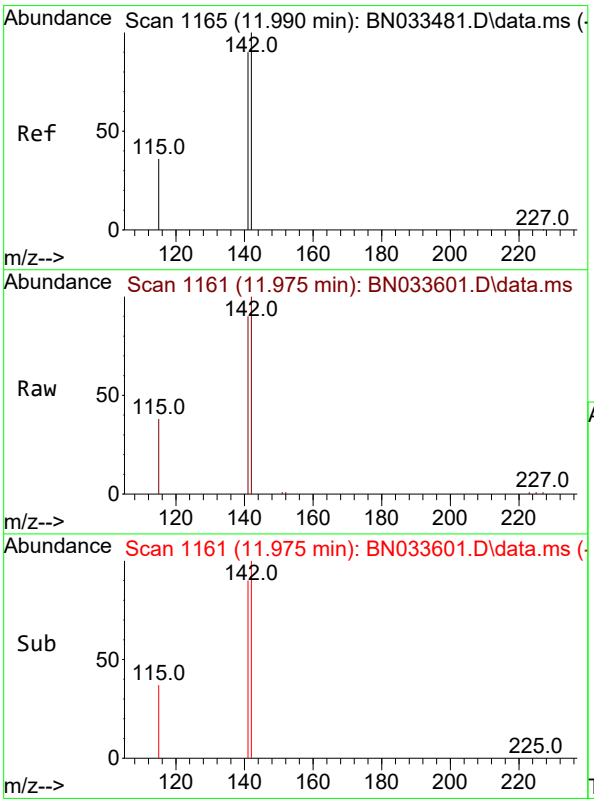
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 11.899 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:152 Resp: 12124

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0

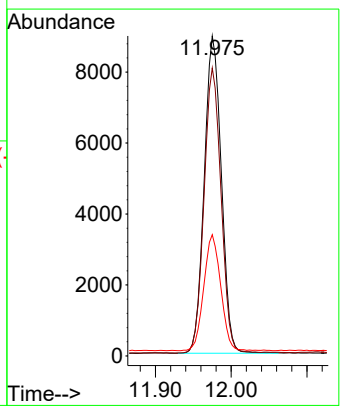


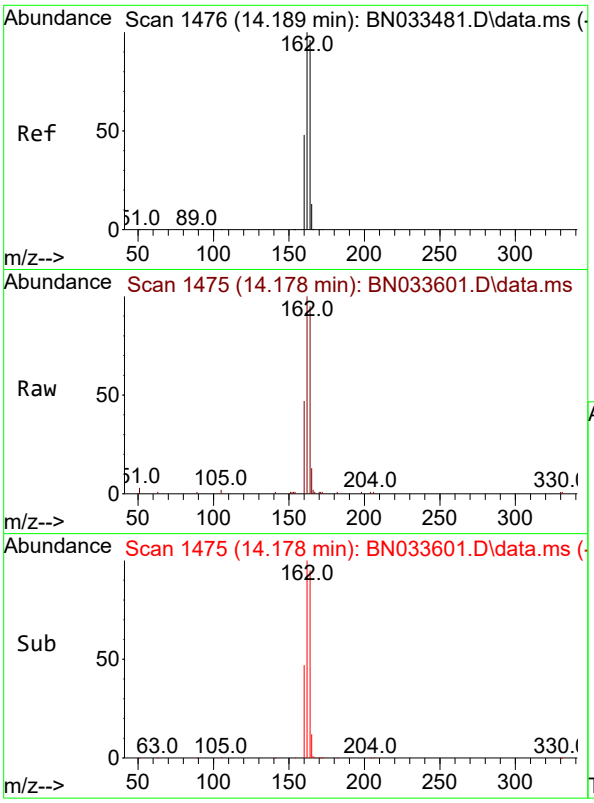


#12
2-Methylnaphthalene
Concen: 0.358 ng
RT: 11.975 min Scan# 1161
Delta R.T. -0.004 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:142 Resp: 13996

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.7	107.5
115	37.9	29.4	44.2



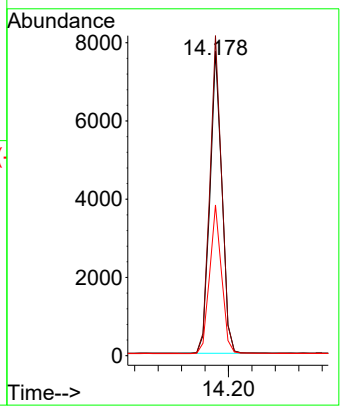


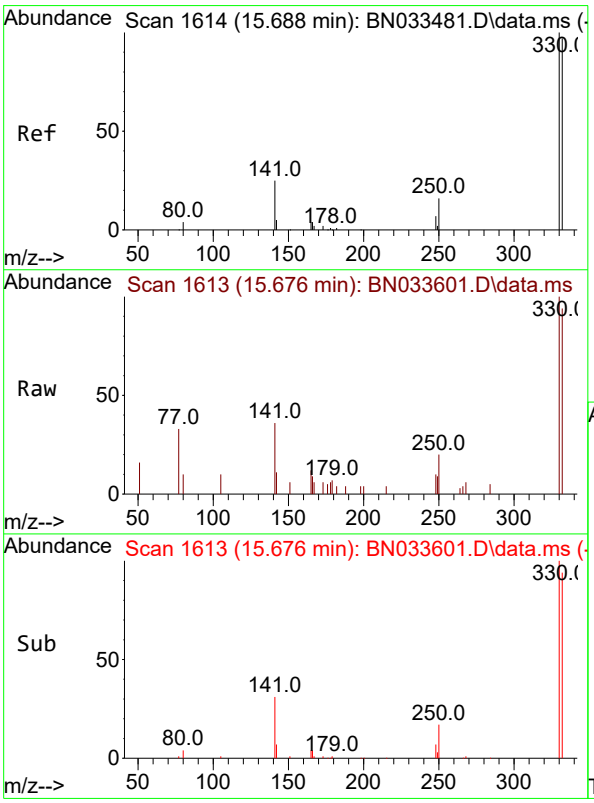
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:164 Resp: 10940

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.5	125.3
160	49.5	40.2	60.4

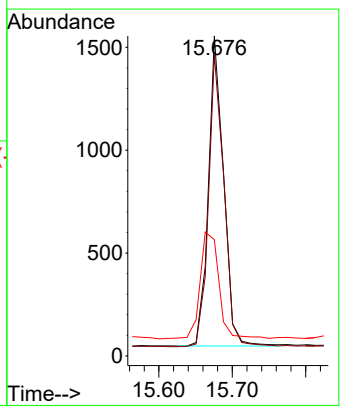


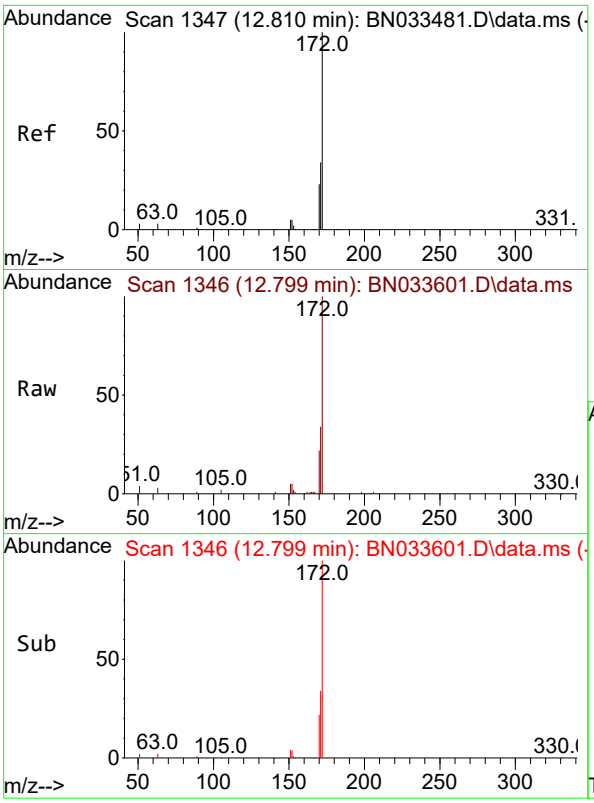


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:330 Resp: 2176

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.5	116.3
141	42.3	33.9	50.9



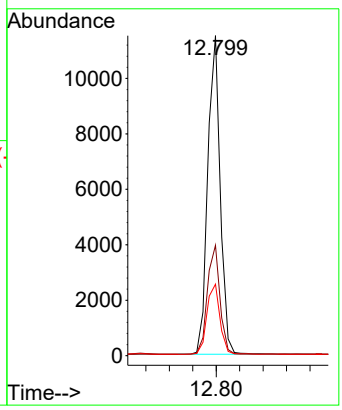


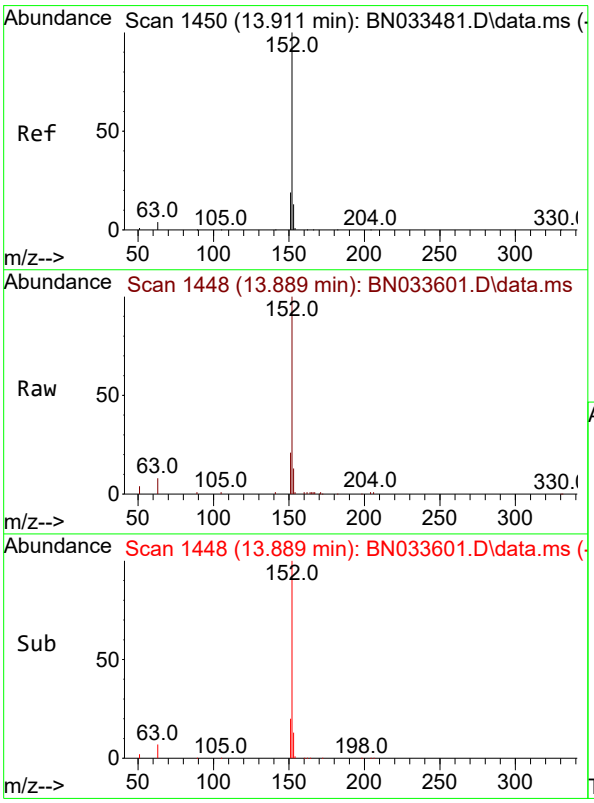
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:172 Resp: 16969

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.7	41.5
170	22.3	18.3	27.5

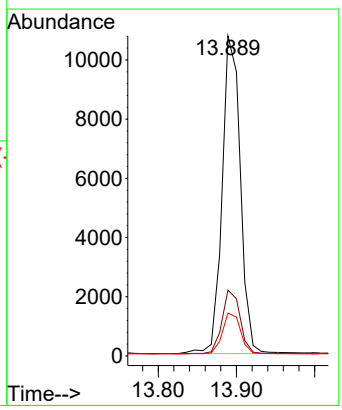


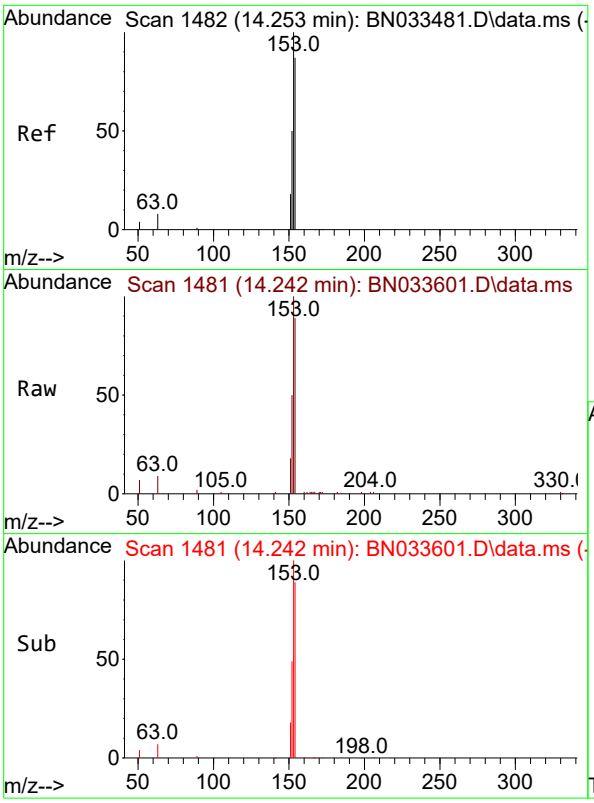


#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.889 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:152 Resp: 17324

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.3	15.5



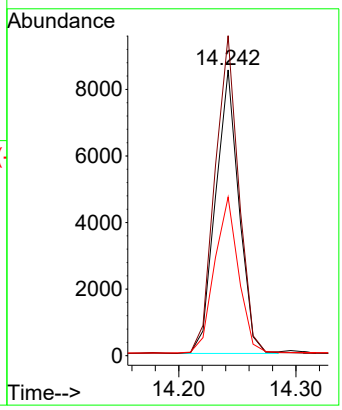


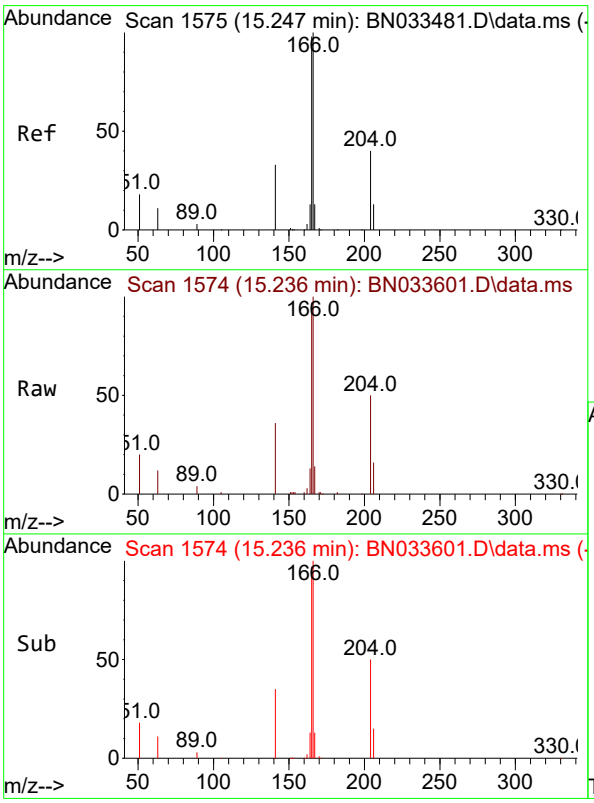
#17
Acenaphthene
Concen: 0.350 ng
RT: 14.242 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:154 Resp: 11817

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.0	133.6
152	56.4	45.2	67.8

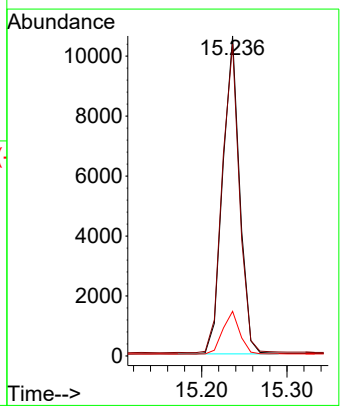


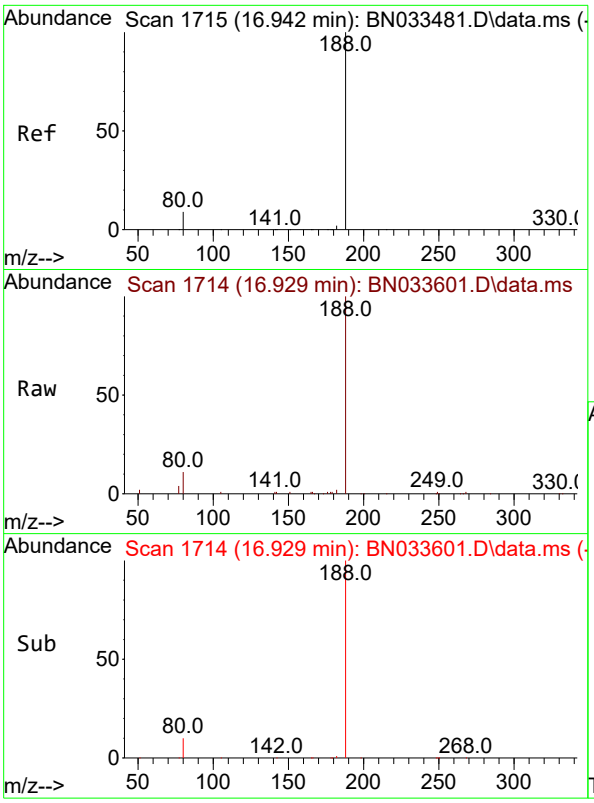


#18
Fluorene
Concen: 0.344 ng
RT: 15.236 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:166 Resp: 14630

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.4
167	13.4	10.6	16.0



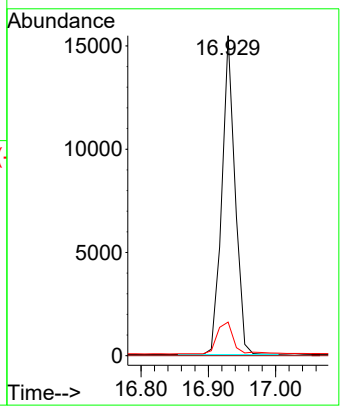


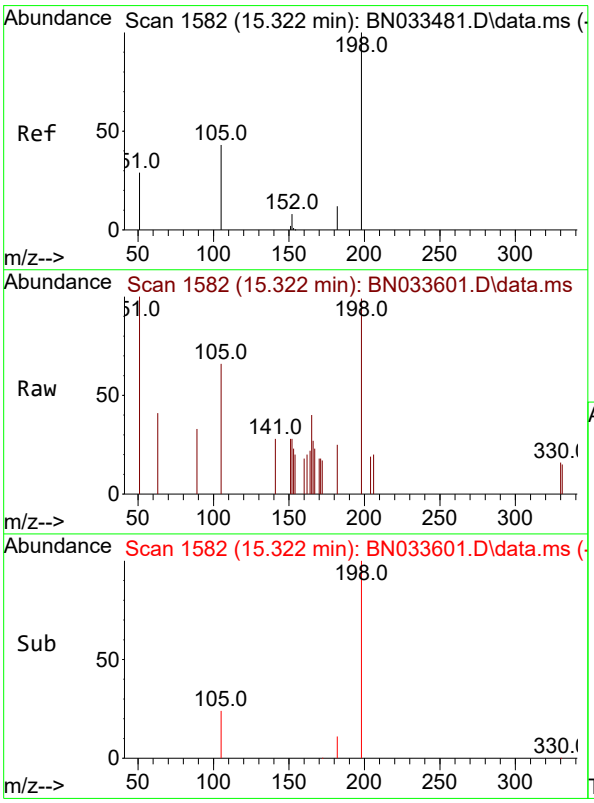
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:188 Resp: 21006

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	7.8	11.8

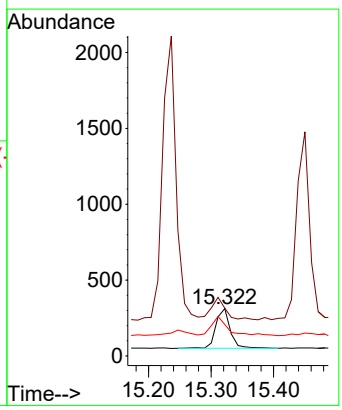


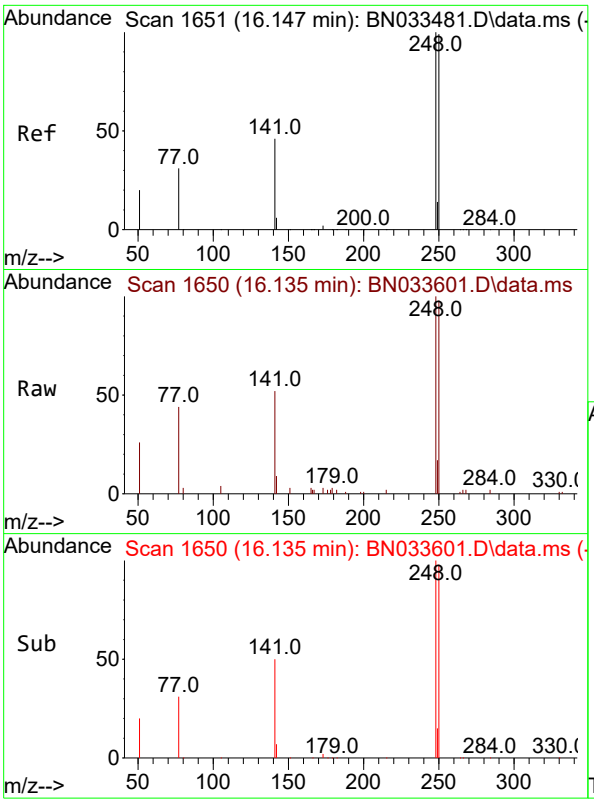


#20
4,6-Dinitro-2-methylphenol
Concen: 0.126 ng
RT: 15.322 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:198 Resp: 414

Ion	Ratio	Lower	Upper
198	100		
51	101.3	65.1	97.7#
105	66.7	44.8	67.2



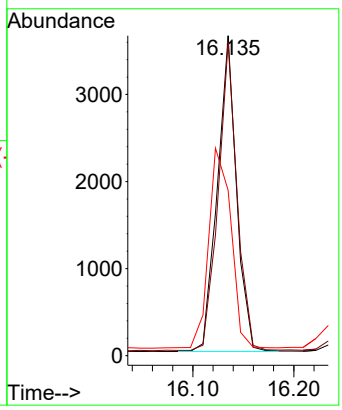


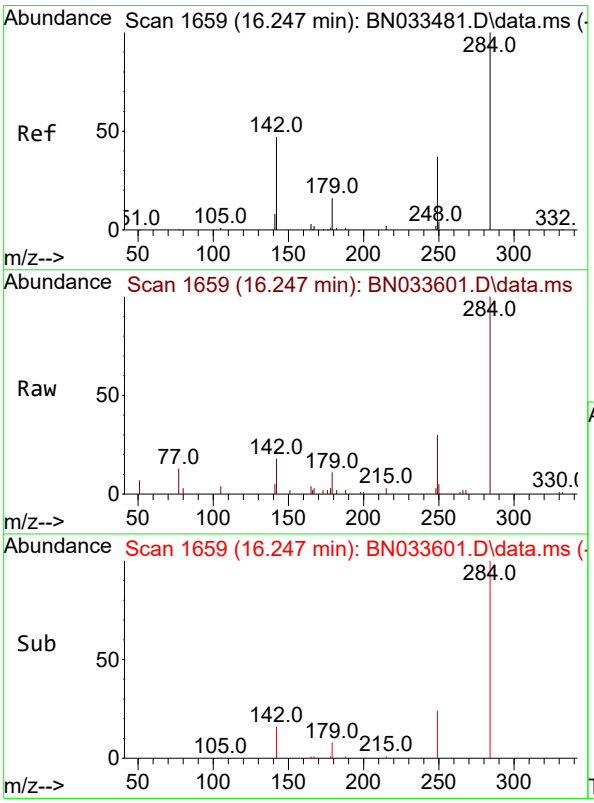
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:248 Resp: 4770

Ion	Ratio	Lower	Upper
248	100		
250	97.9	79.2	118.8
141	51.7	37.9	56.9

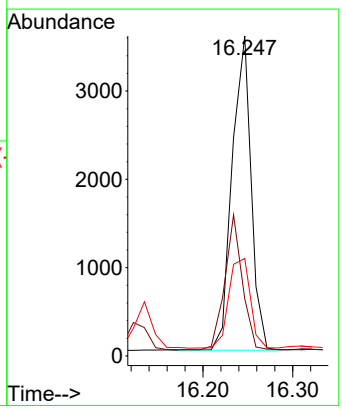


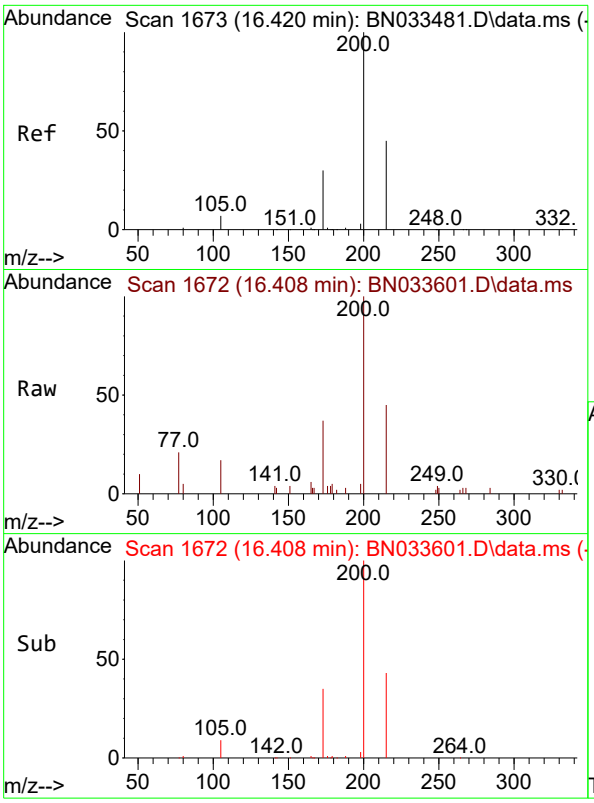


#22
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.247 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:284 Resp: 5201

Ion	Ratio	Lower	Upper
284	100		
142	39.7	31.8	47.6
249	32.6	26.0	39.0



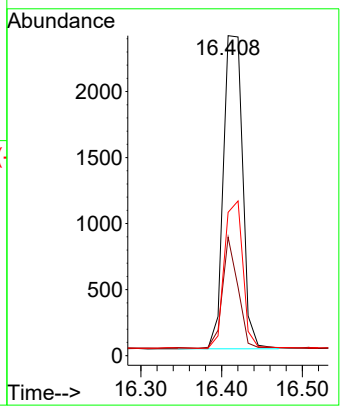


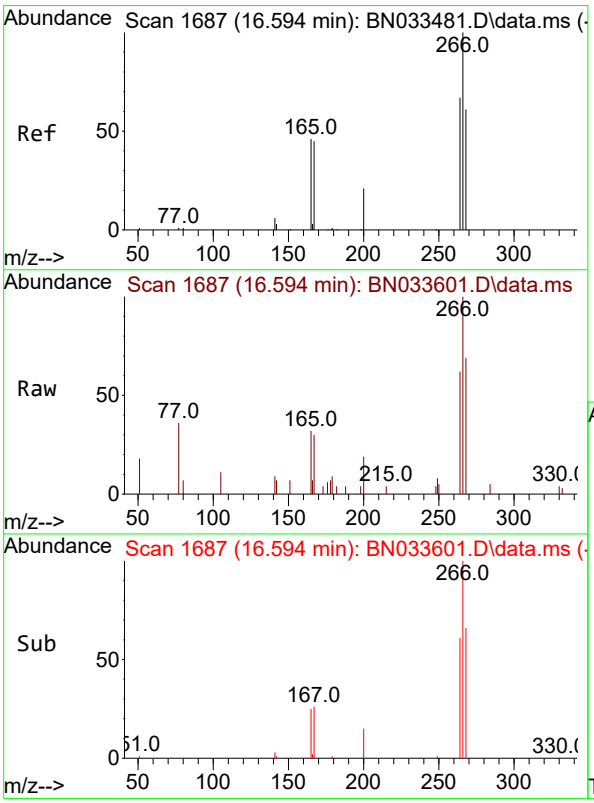
#23
Atrazine
Concen: 0.386 ng
RT: 16.408 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:200 Resp: 3932

Ion	Ratio	Lower	Upper
200	100		
173	37.0	25.3	37.9
215	44.8	36.6	54.8

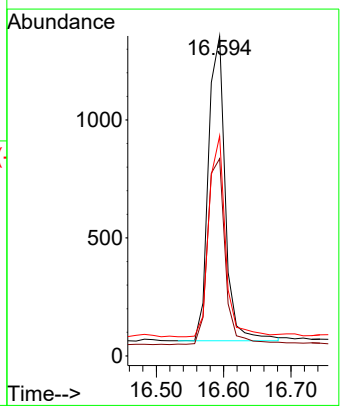


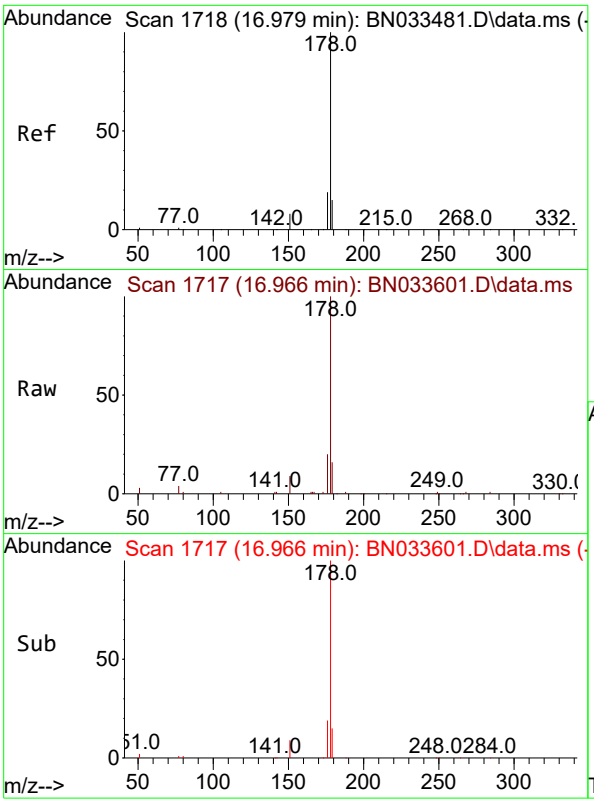


#24
Pentachlorophenol
Concen: 0.368 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:266 Resp: 2244

Ion	Ratio	Lower	Upper
266	100		
264	64.0	51.9	77.9
268	64.3	51.0	76.4



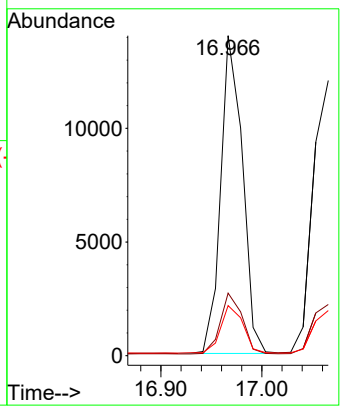


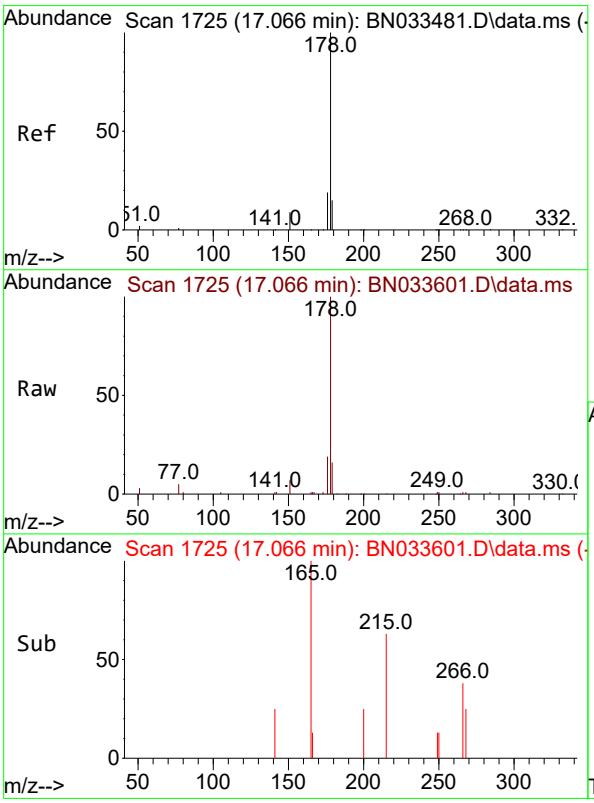
#25
Phenanthrene
Concen: 0.358 ng
RT: 16.966 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:178 Resp: 20916

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.5	12.3	18.5

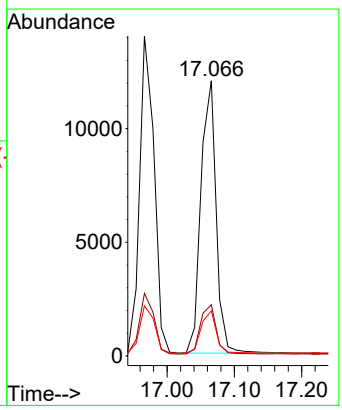


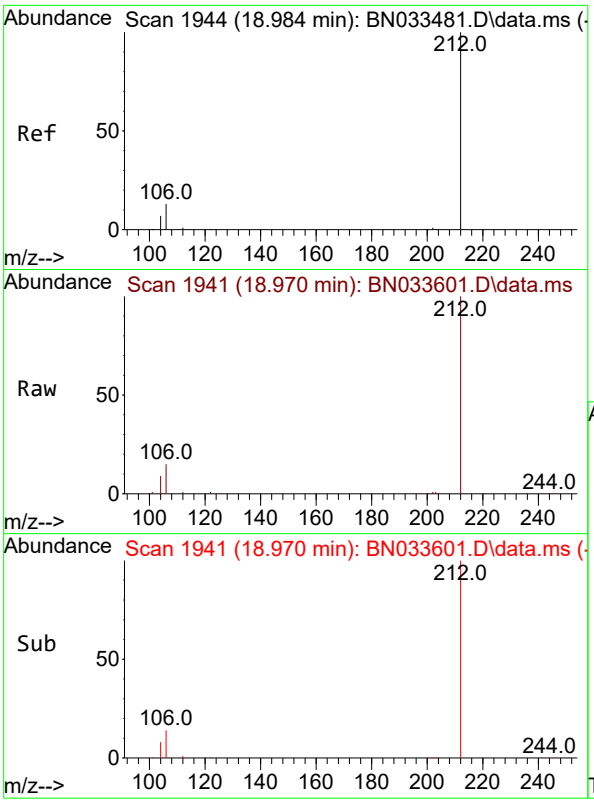


#26
Anthracene
Concen: 0.366 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:178 Resp: 18911

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.7	12.4	18.6



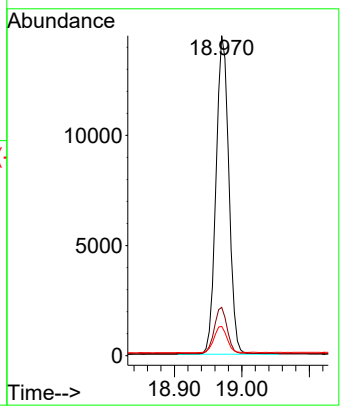


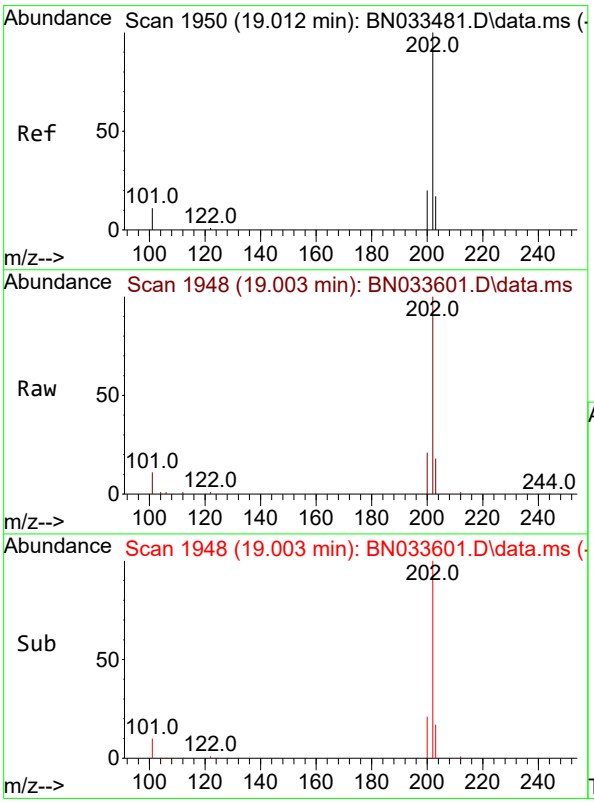
#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 18.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:212 Resp: 19154

Ion	Ratio	Lower	Upper
212	100		
106	14.5	12.3	18.5
104	8.4	7.0	10.4

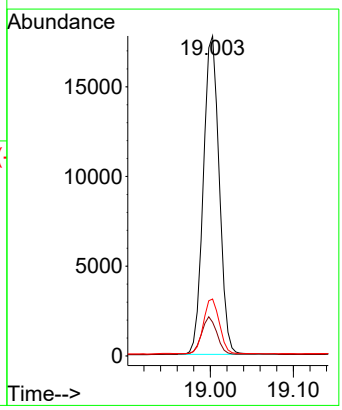


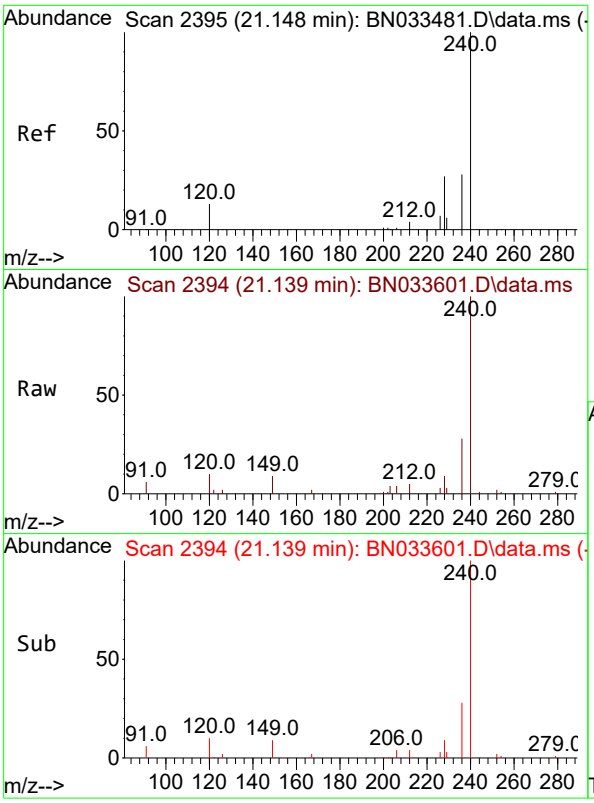


#28
Fluoranthene
Concen: 0.366 ng
RT: 19.003 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:202 Resp: 23627

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.5	14.3
203	17.2	13.8	20.6



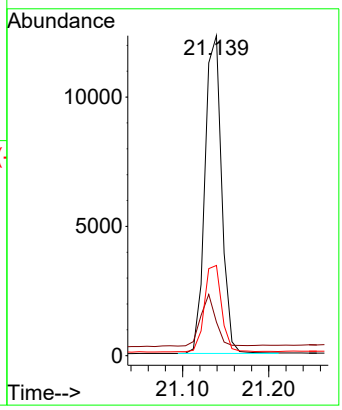


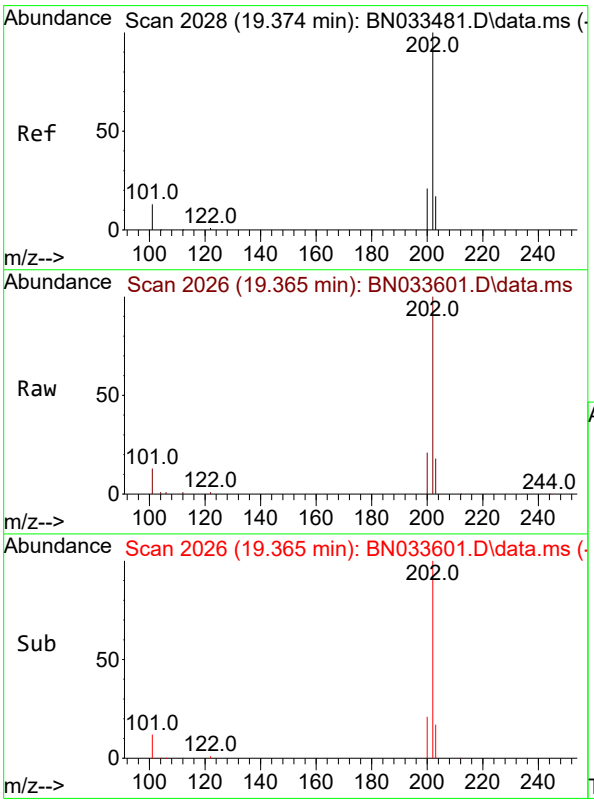
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:240 Resp: 16616

Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.4	18.6#
236	28.2	23.0	34.6

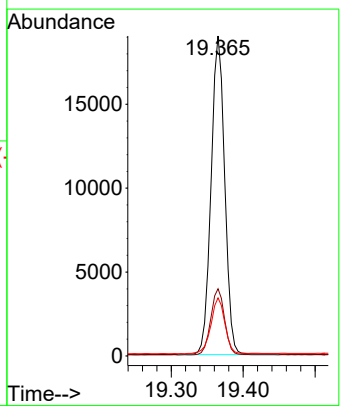


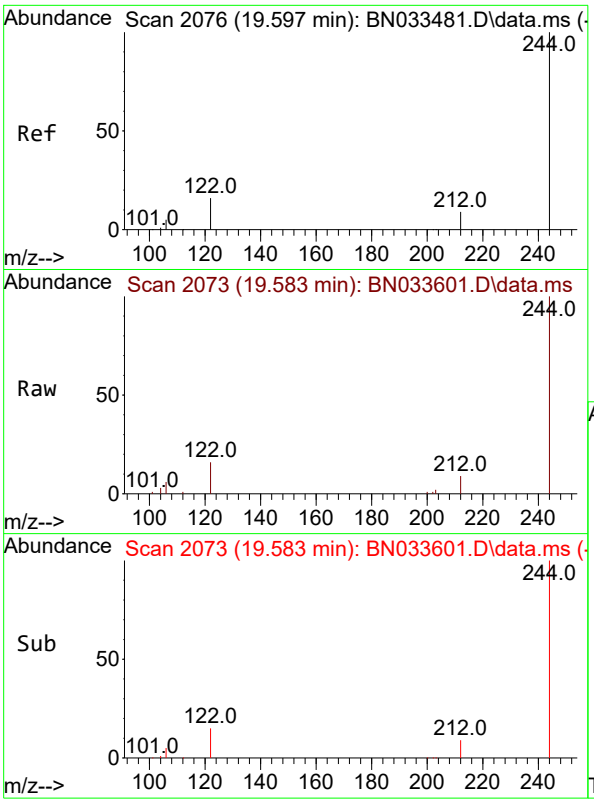


#30
Pyrene
Concen: 0.336 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:202 Resp: 24903

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.9	14.2	21.4



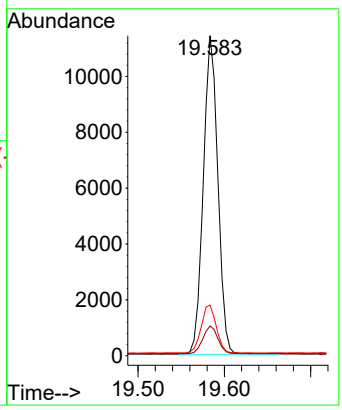


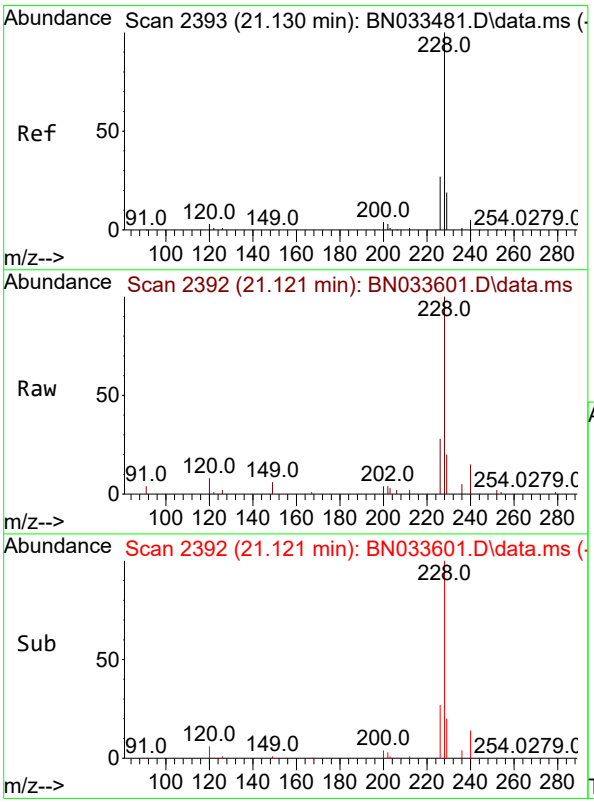
#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.583 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:244 Resp: 13355

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	15.8	13.3	19.9

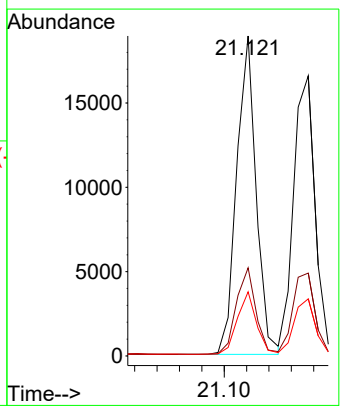


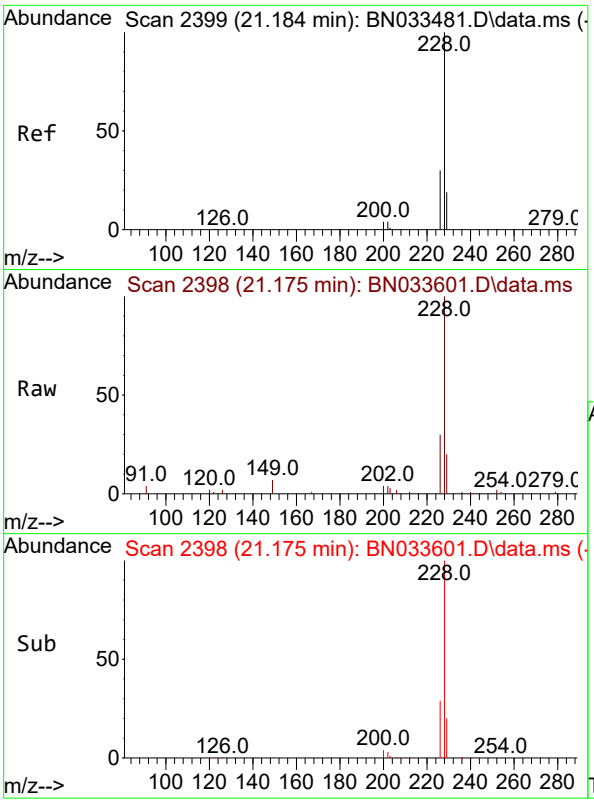


#32
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.121 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:228 Resp: 22891

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	20.1	15.8	23.6



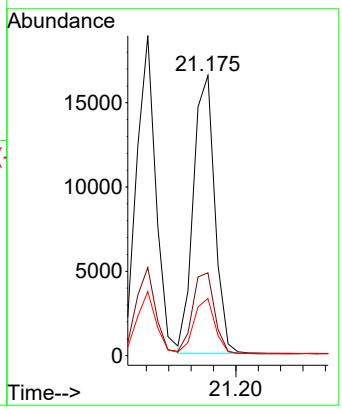


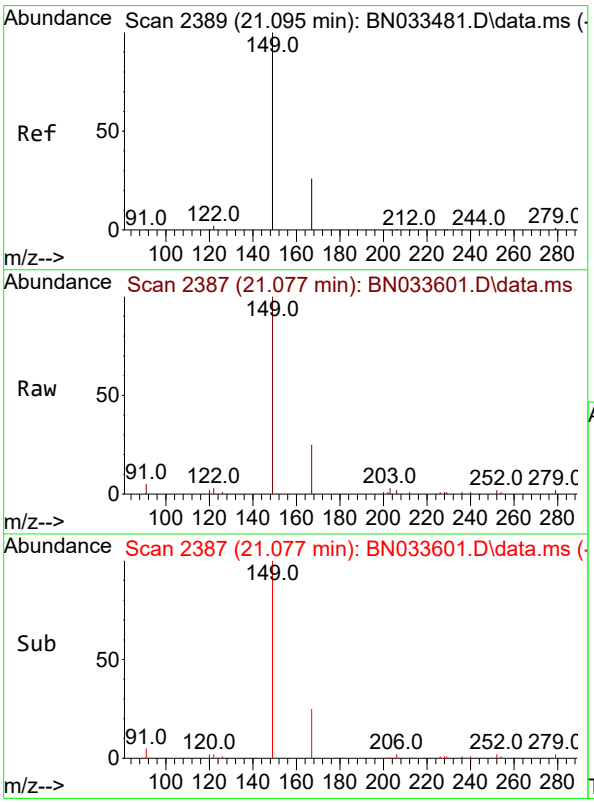
#33
Chrysene
Concen: 0.366 ng
RT: 21.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:228 Resp: 21884

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	20.4	15.6	23.4

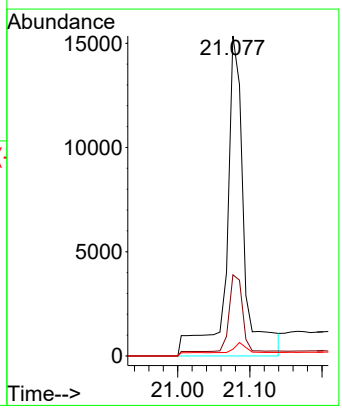


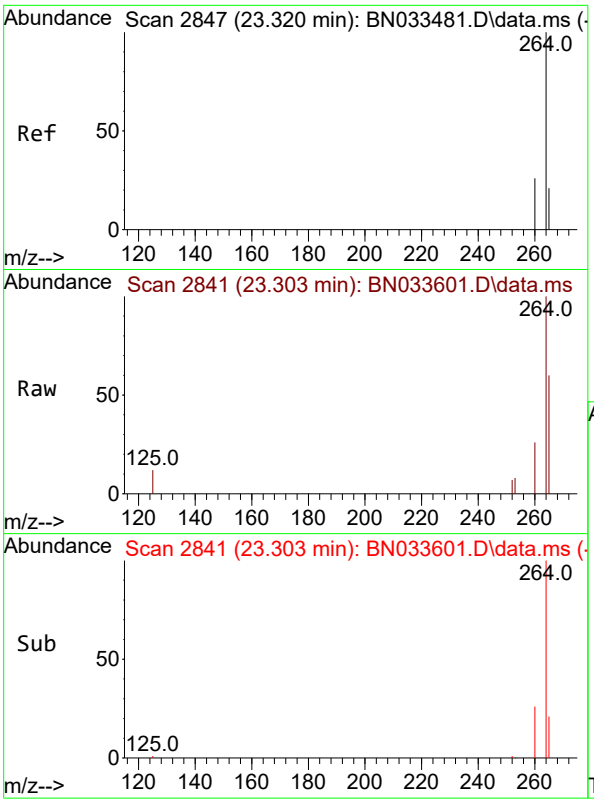


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.659 ng
RT: 21.077 min Scan# 2387
Delta R.T. -0.009 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:149 Resp: 25046

Ion	Ratio	Lower	Upper
149	100		
167	20.3	21.5	32.3#
279	2.8	2.2	3.2



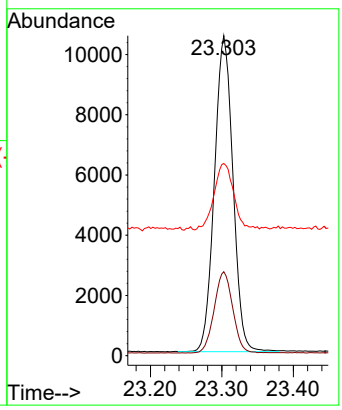


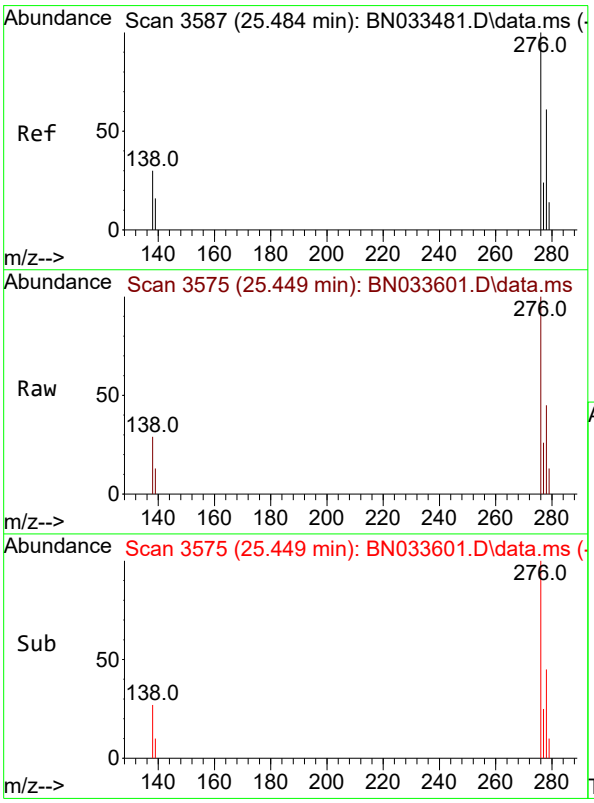
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.303 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:264 Resp: 18832

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.8	31.2
265	60.1	52.2	78.2

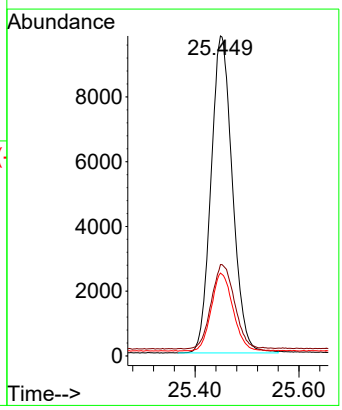


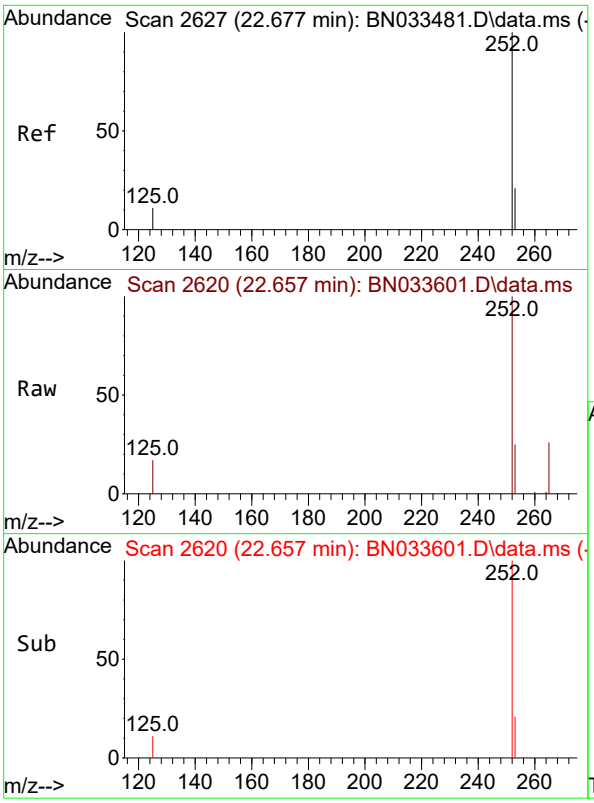


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 25.449 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:276 Resp: 28052

Ion	Ratio	Lower	Upper
276	100		
138	28.8	24.4	36.6
277	24.7	19.8	29.6



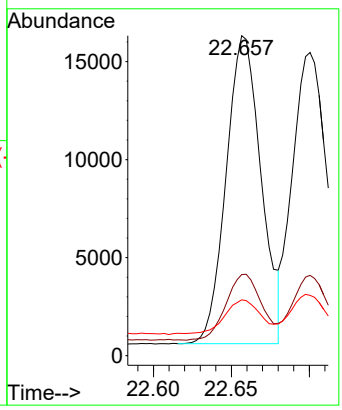


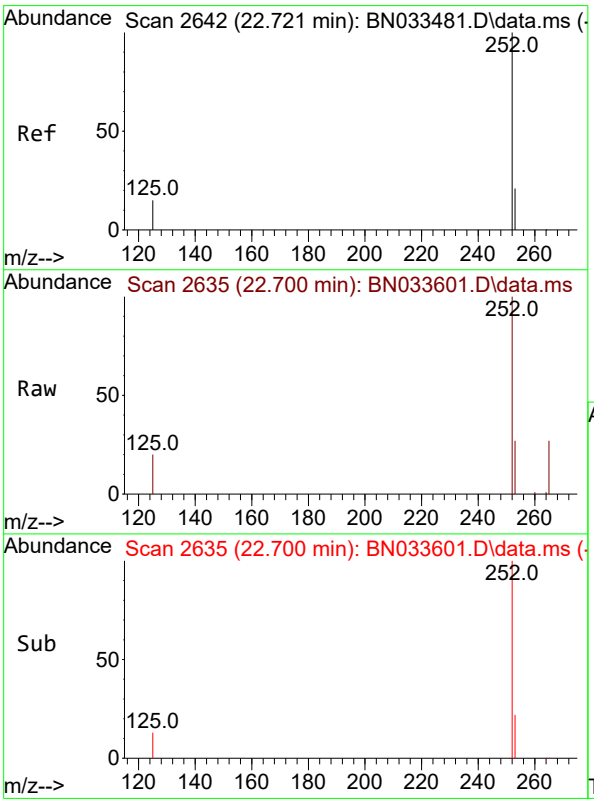
#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.657 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:252 Resp: 24538

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.8	29.8
125	17.5	13.9	20.9

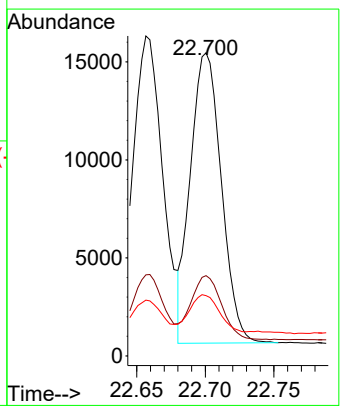


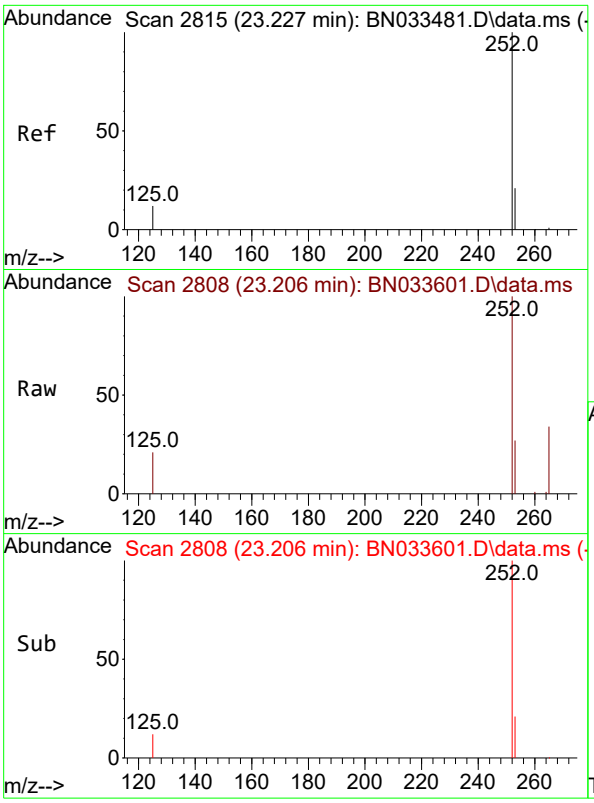


#38
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.700 min Scan# 2635
Delta R.T. -0.003 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:252 Resp: 23213

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.8	29.8
125	19.9	15.8	23.8



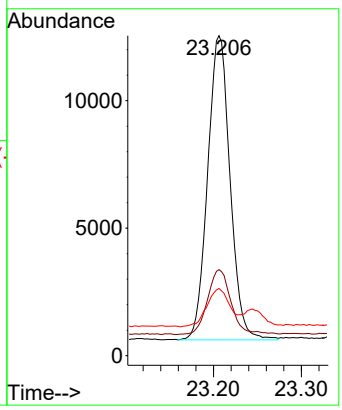


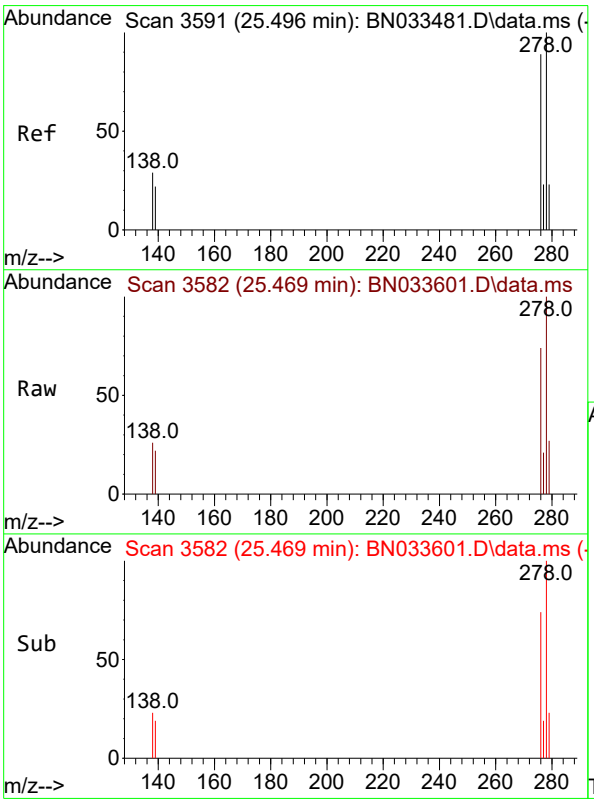
#39
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.206 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:252 Resp: 21138

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.5	32.3
125	21.0	17.0	25.4

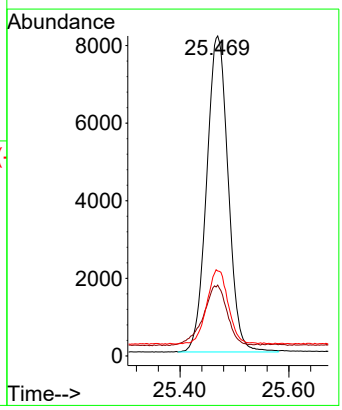


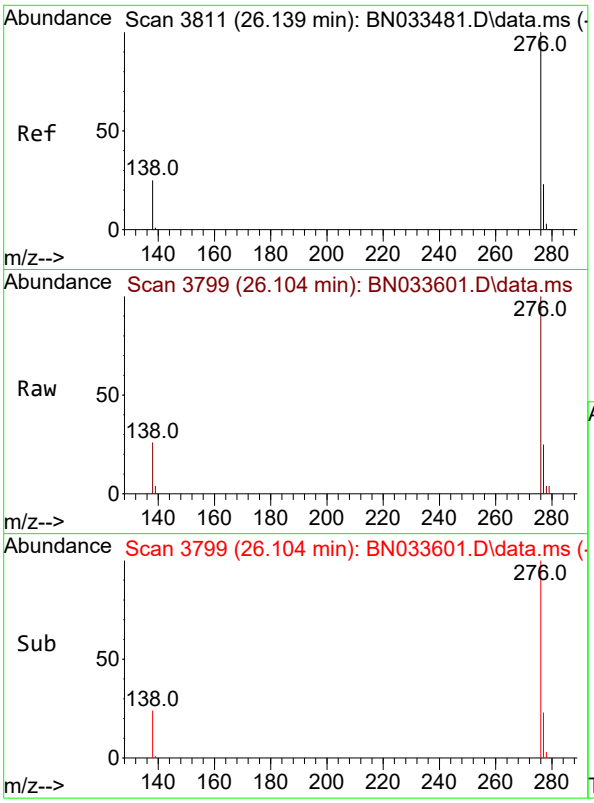


#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 25.469 min Scan# 3582
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Tgt Ion:278 Resp: 22377

Ion	Ratio	Lower	Upper
278	100		
139	22.1	19.1	28.7
279	26.6	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 26.104 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN033601.D
Acq: 23 Aug 2024 22:43

Instrument :
BNA_N
ClientSampleId :
PB162937BS

Tgt Ion:276 Resp: 23720

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.7	29.5
138	26.0	21.8	32.6