Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035728.D
Acq On : 20 Dec 2024 05:34
Operator : RC/JU
Sample : PB165596BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Quant Time: Dec 20 05:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.271	152	2951	0.400	ng	0.00
7) Naphthalene-d8	10.020	136	7713	0.400	ng	# 0.00
13) Acenaphthene-d10	13.935	164	4640	0.400	ng	0.00
19) Phenanthrene-d10	16.698	188	8678	0.400	ng	# 0.00
29) Chrysene-d12	20.956	240	8066	0.400	ng	0.00
35) Perylene-d12	23.041	264	8916	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	2478	0.336	ng	0.00
5) Phenol-d6	6.491	99	2705	0.305	ng	0.00
8) Nitrobenzene-d5	8.408	82	2433	0.516	ng	0.00
11) 2-Methylnaphthalene-d10	11.621	152	5532	0.458	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	599	0.182	ng	0.00
15) 2-Fluorobiphenyl	12.543	172	6241	0.356	ng	0.00
27) Fluoranthene-d10	18.761	212	9334	0.379	ng	0.00
31) Terphenyl-d14	19.393	244	6996	0.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	1038	0.368	ng	# 78
3) n-Nitrosodimethylamine	3.270	42	1014	0.432	ng	# 98
6) bis(2-Chloroethyl)ether	6.723	93	2623	0.351	ng	100
9) Naphthalene	10.063	128	7072	0.348	ng	99
10) Hexachlorobutadiene	10.361	225	1809	0.386	ng	# 100
12) 2-Methylnaphthalene	11.697	142	4509	0.310	ng	97
16) Acenaphthylene	13.646	152	7020	0.360	ng	100
17) Acenaphthene	13.999	154	4501	0.348	ng	99
18) Fluorene	15.004	166	5615	0.303	ng	100
20) 4,6-Dinitro-2-methylph...	15.143	198	66	0.077	ng	# 1
21) 4-Bromophenyl-phenylether	15.916	248	1712	0.337	ng	# 96
22) Hexachlorobenzene	16.015	284	2386	0.400	ng	97
23) Atrazine	16.202	200	1432	0.396	ng	92
24) Pentachlorophenol	16.375	266	1508	0.582	ng	# 84
25) Phenanthrene	16.748	178	8179	0.343	ng	99
26) Anthracene	16.835	178	7420	0.344	ng	100
28) Fluoranthene	18.794	202	9920	0.309	ng	100
30) Pyrene	19.161	202	10720	0.360	ng	99
32) Benzo(a)anthracene	20.938	228	9343	0.331	ng	99
33) Chrysene	20.991	228	11373	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	20.911	149	4399	0.395	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.067	276	13020	0.374	ng	95
37) Benzo(b)fluoranthene	22.430	252	14339	0.440	ng	94
38) Benzo(k)fluoranthene	22.471	252	11726	0.365	ng	95
39) Benzo(a)pyrene	22.953	252	10176	0.379	ng	# 91
40) Dibenzo(a,h)anthracene	25.087	278	9971	0.363	ng	95
41) Benzo(g,h,i)perylene	25.675	276	10457	0.364	ng	99

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

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Instrument :
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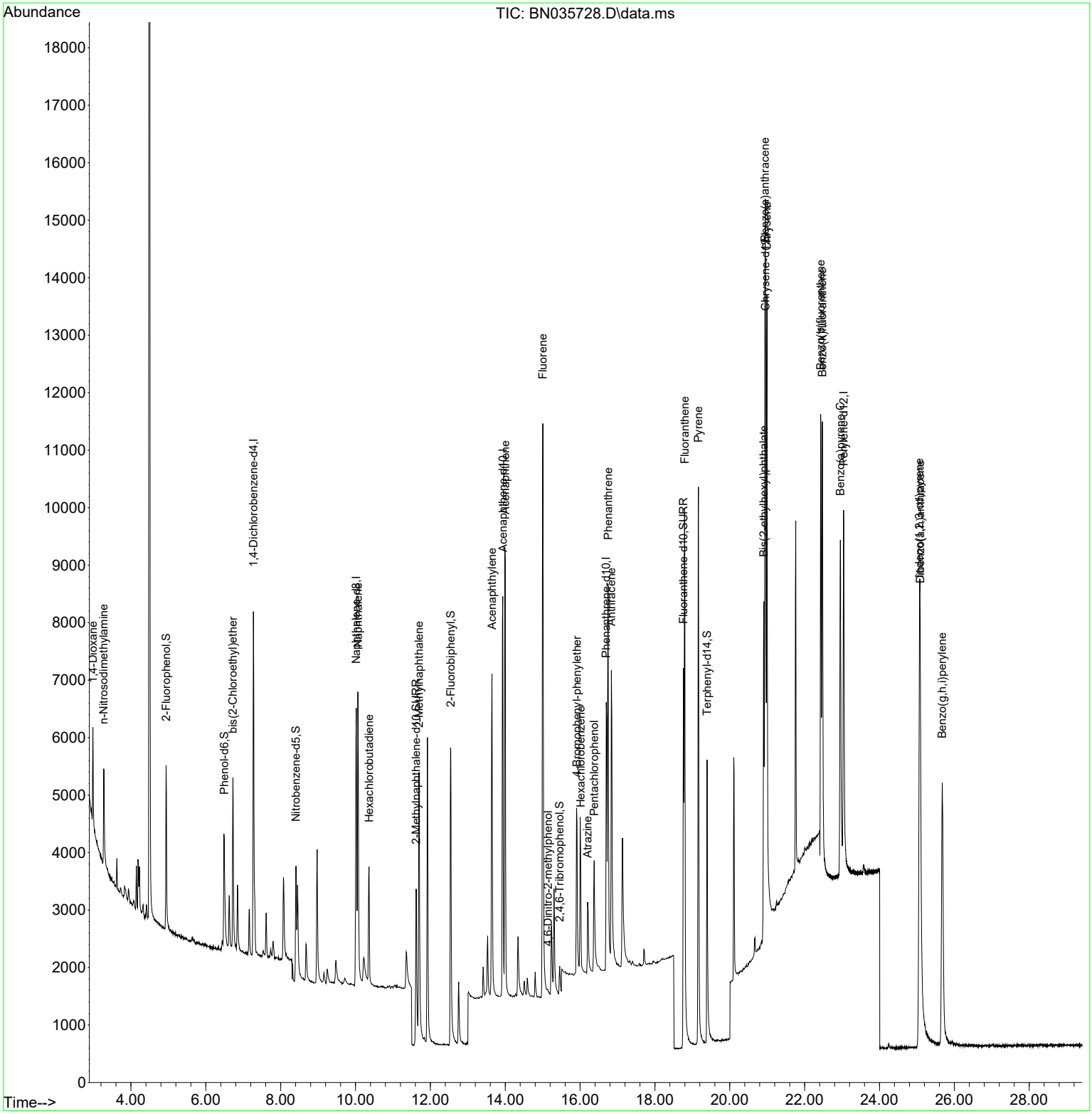
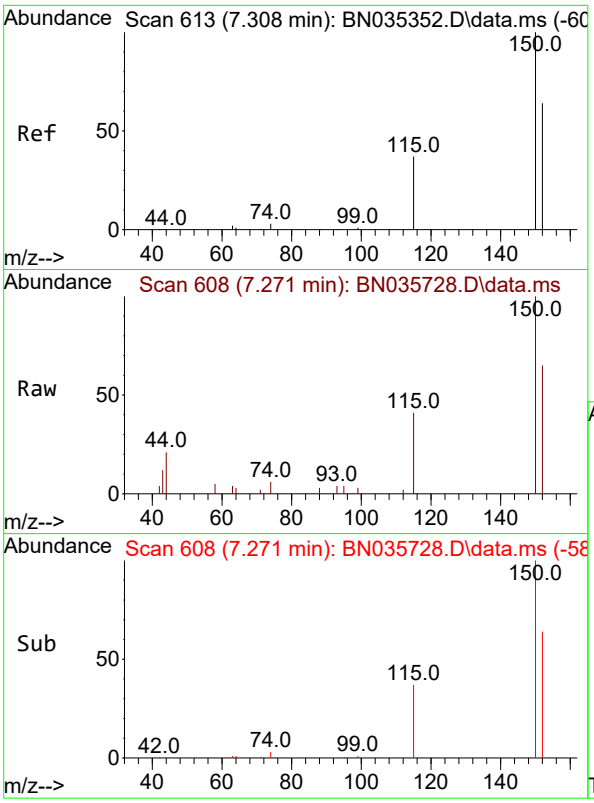
Quant Time: Dec 20 05:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



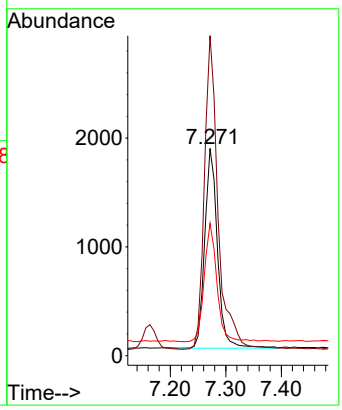


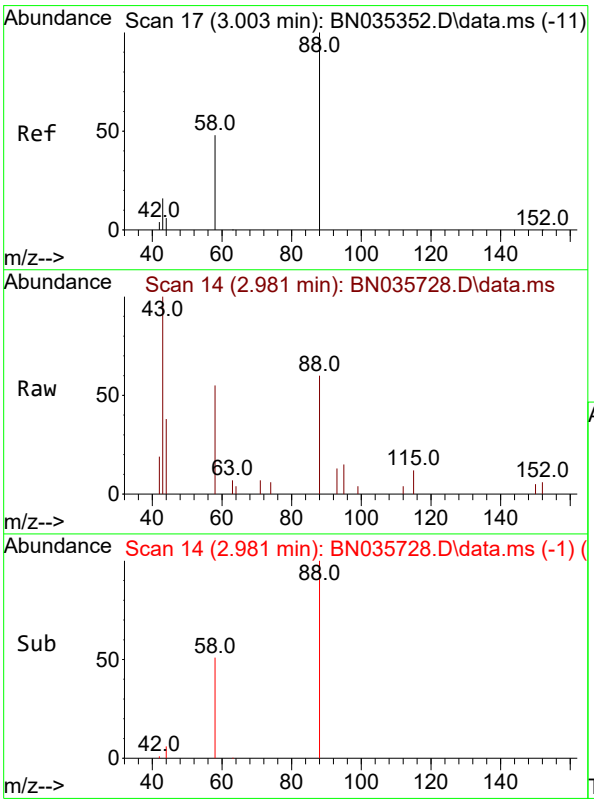
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:152 Resp: 2951

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.0	186.0
115	63.8	49.6	74.4

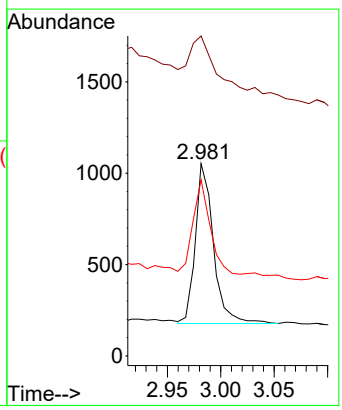


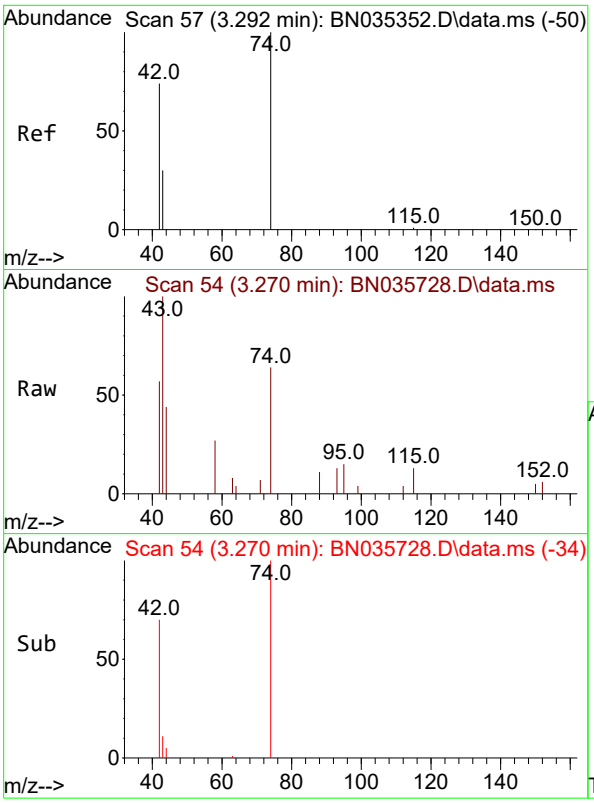


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 2.981 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion: 88 Resp: 1038

Ion	Ratio	Lower	Upper
88	100		
43	57.8	17.2	25.8#
58	55.5	44.5	66.7



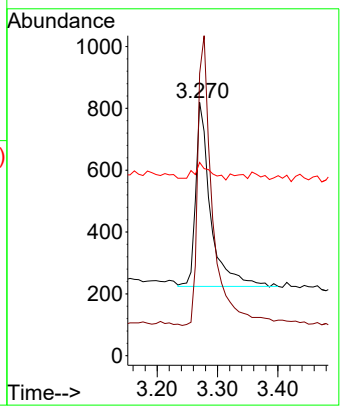


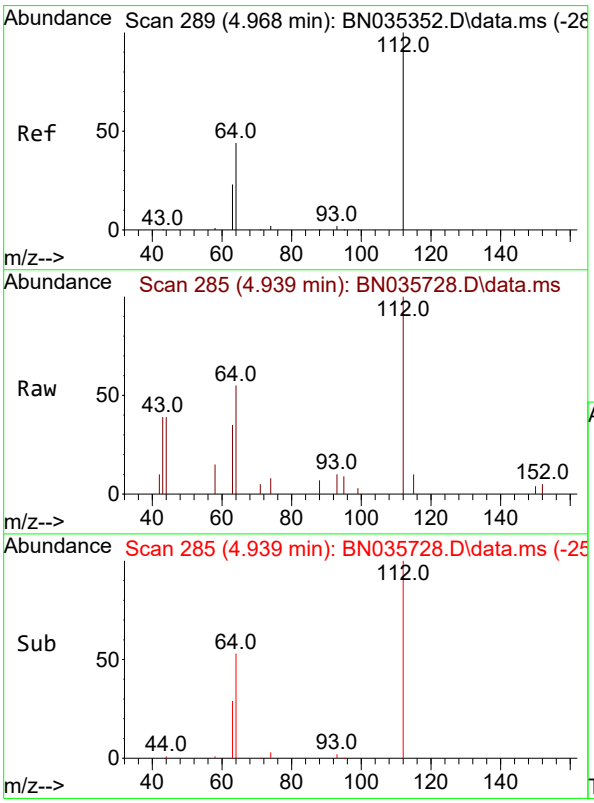
#3
n-Nitrosodimethylamine
Concen: 0.432 ng
RT: 3.270 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion: 42 Resp: 1014

Ion	Ratio	Lower	Upper
42	100		
74	158.5	124.9	187.3
44	9.7	2.2	3.4#

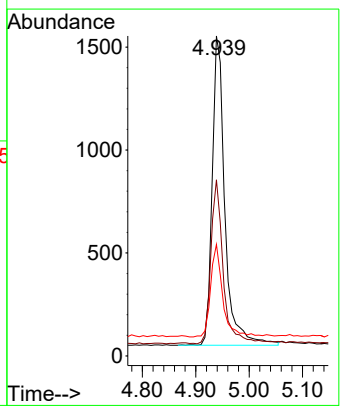


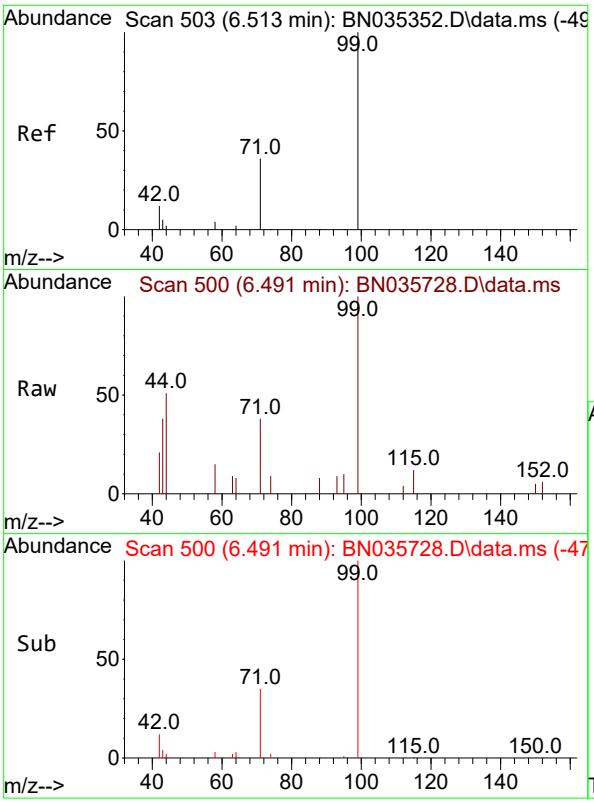


#4
2-Fluorophenol
Concen: 0.336 ng
RT: 4.939 min Scan# 285
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:112 Resp: 2478

Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.8	59.8
63	28.7	21.0	31.6



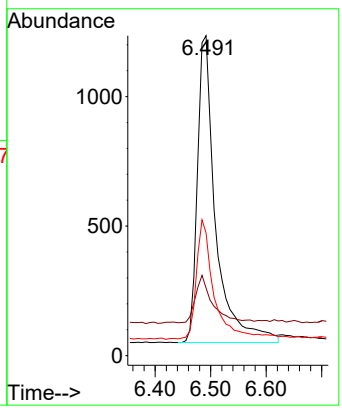


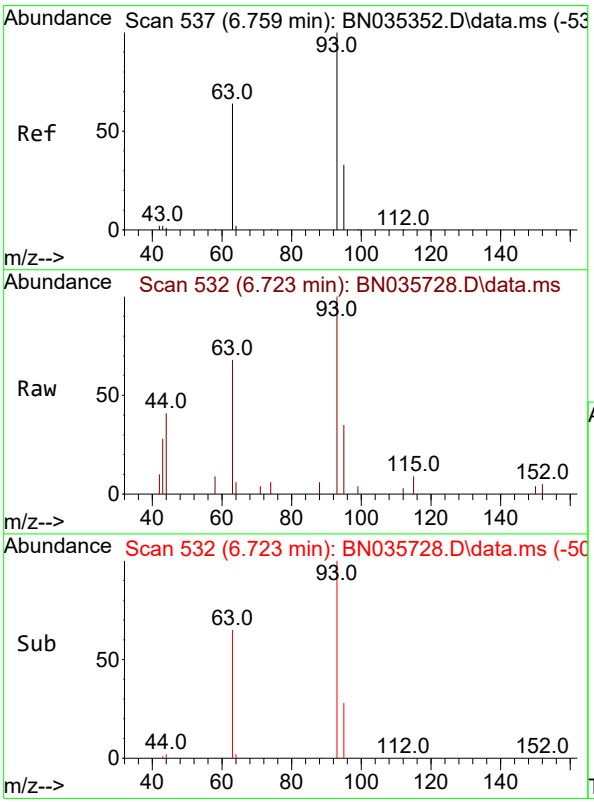
#5
Phenol-d6
Concen: 0.305 ng
RT: 6.491 min Scan# 5(
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion: 99 Resp: 2705

Ion	Ratio	Lower	Upper
99	100		
42	14.7	11.4	17.2
71	38.6	29.3	43.9

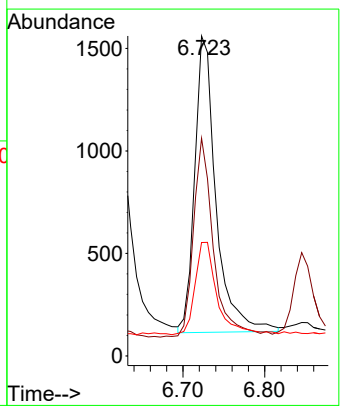


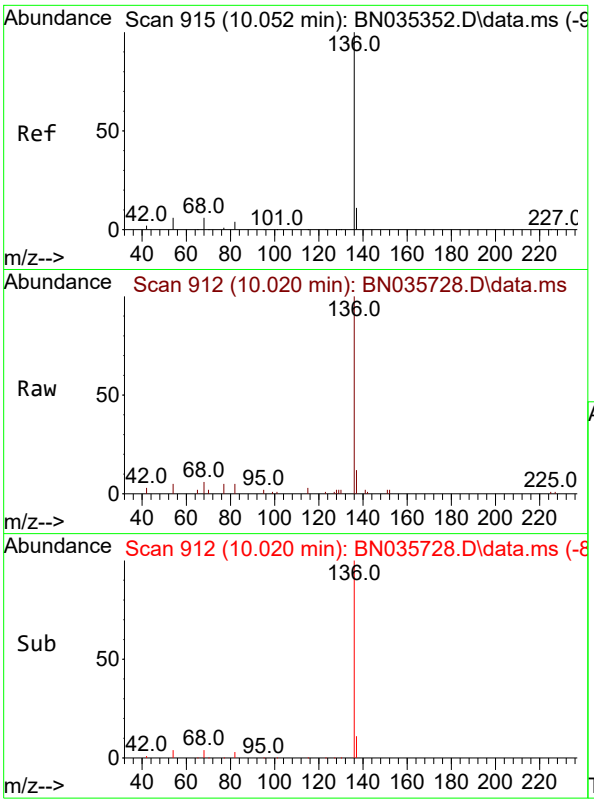


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 6.723 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion: 93 Resp: 2623

Ion	Ratio	Lower	Upper
93	100		
63	63.2	50.4	75.6
95	32.3	25.7	38.5



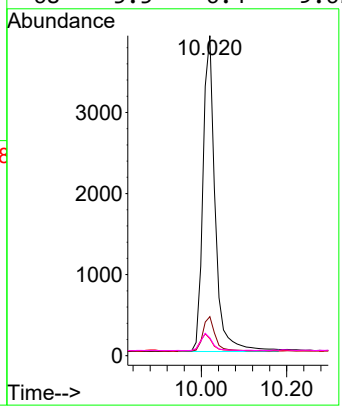


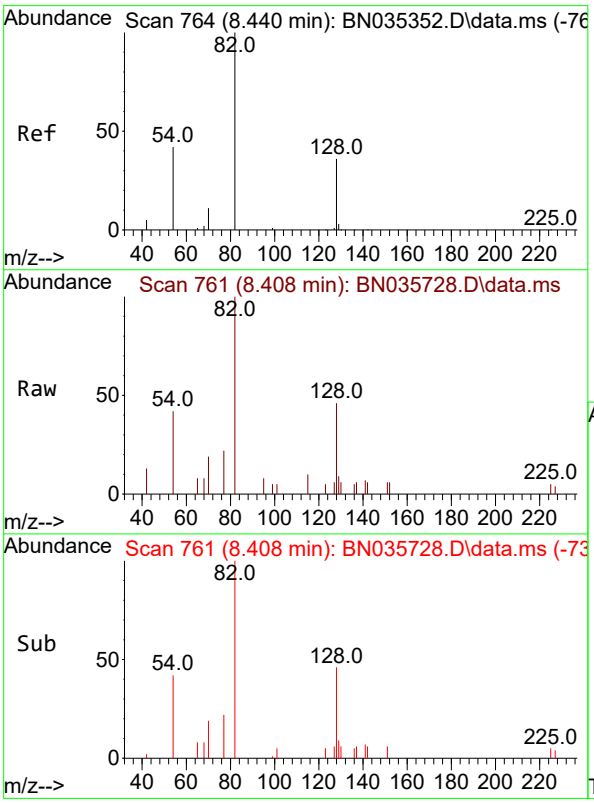
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.020 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:136 Resp: 7713

Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.2	15.2
54	5.3	6.1	9.1#
68	5.5	6.4	9.6#

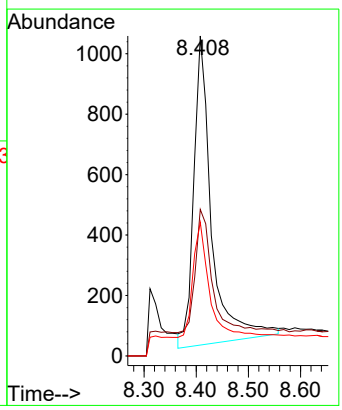


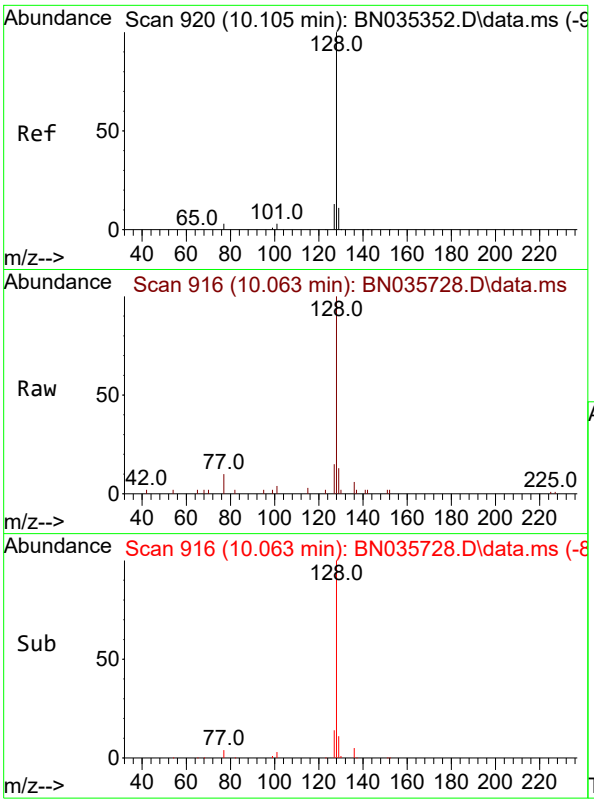


#8
Nitrobenzene-d5
Concen: 0.516 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion: 82 Resp: 2433

Ion	Ratio	Lower	Upper
82	100		
128	45.8	33.4	50.0
54	41.7	36.7	55.1



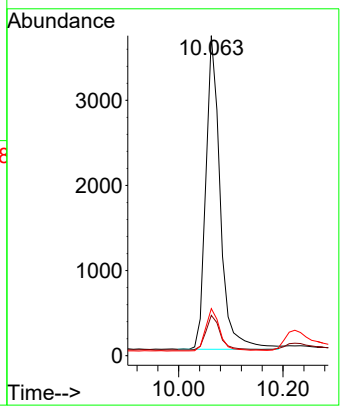


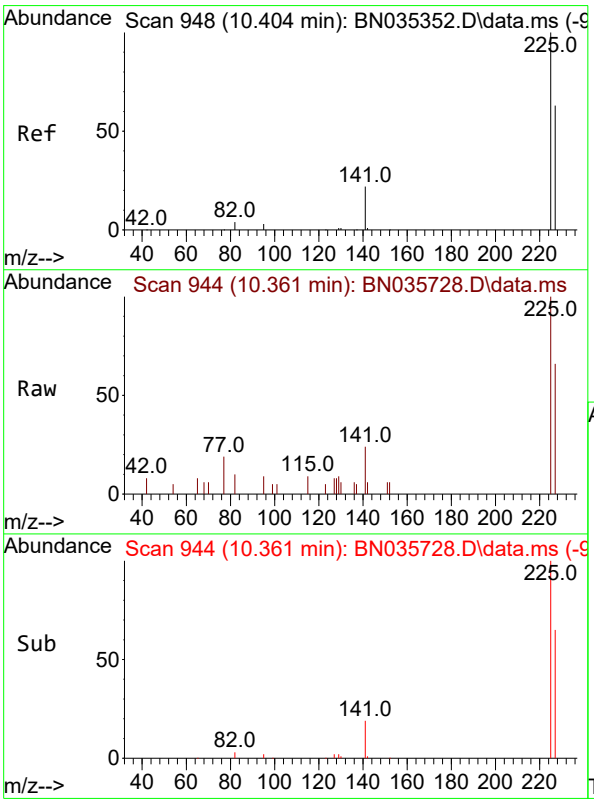
#9
Naphthalene
Concen: 0.348 ng
RT: 10.063 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:128 Resp: 7072

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.8	14.6
127	14.7	11.4	17.2

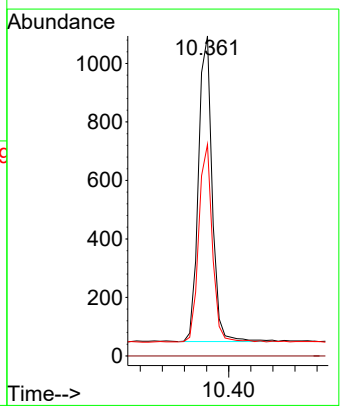


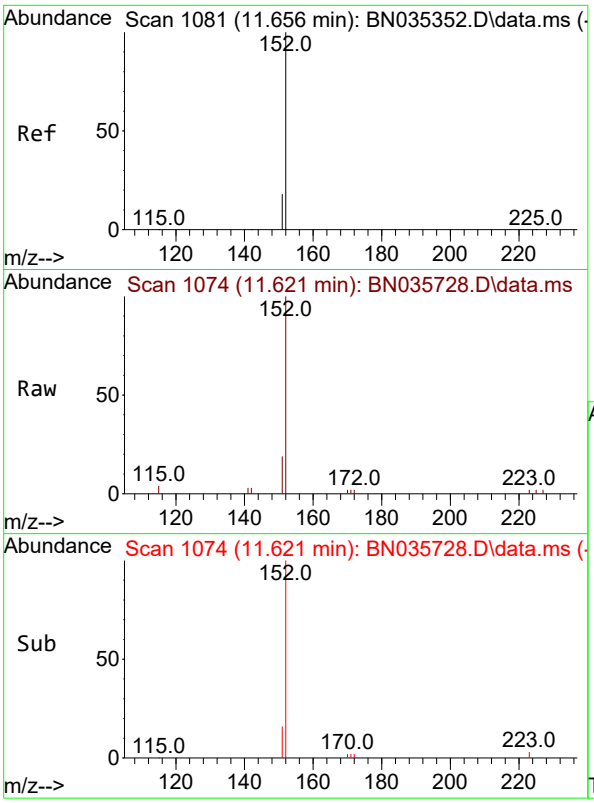


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.361 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:225 Resp: 1809

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.3	76.9



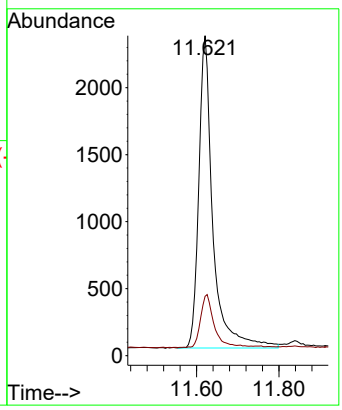


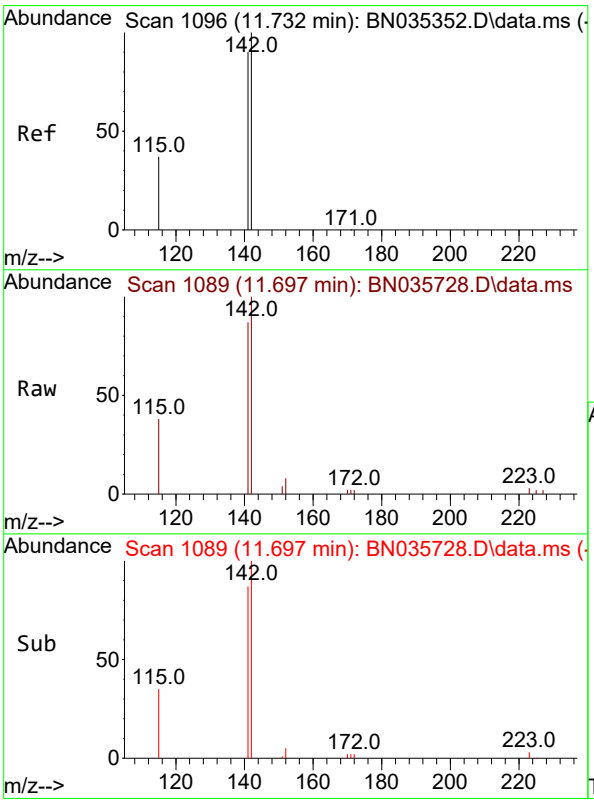
#11
2-Methylnaphthalene-d10
Concen: 0.458 ng
RT: 11.621 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:152 Resp: 5532

Ion	Ratio	Lower	Upper
152	100		
151	16.5	16.6	25.0#

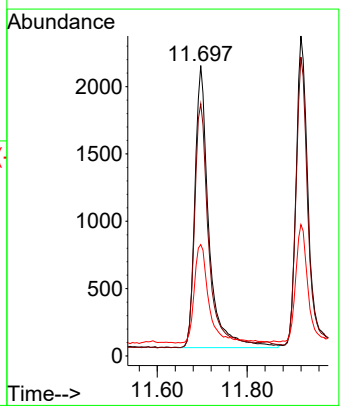


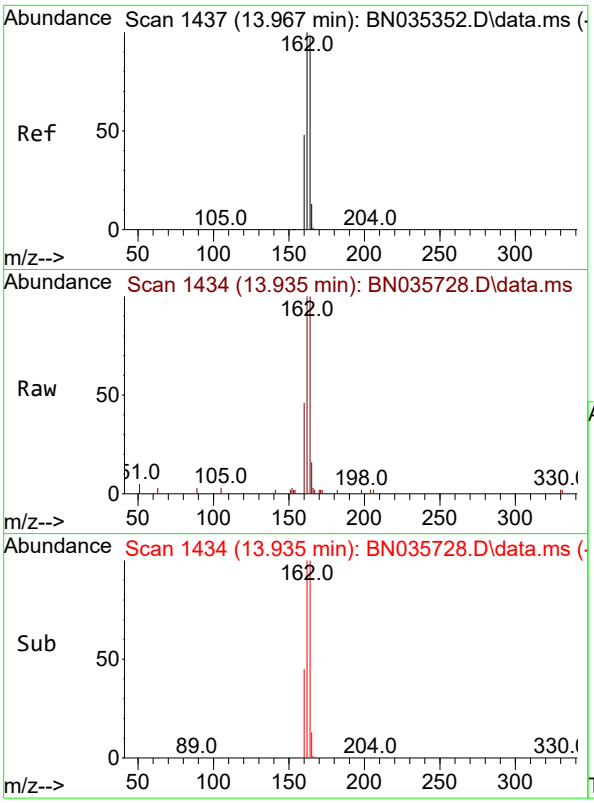


#12
2-Methylnaphthalene
Concen: 0.310 ng
RT: 11.697 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:142 Resp: 4509

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.2	108.4
115	38.4	31.4	47.0



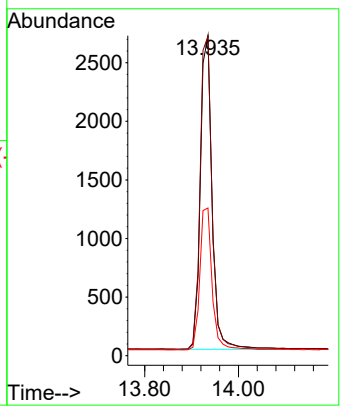


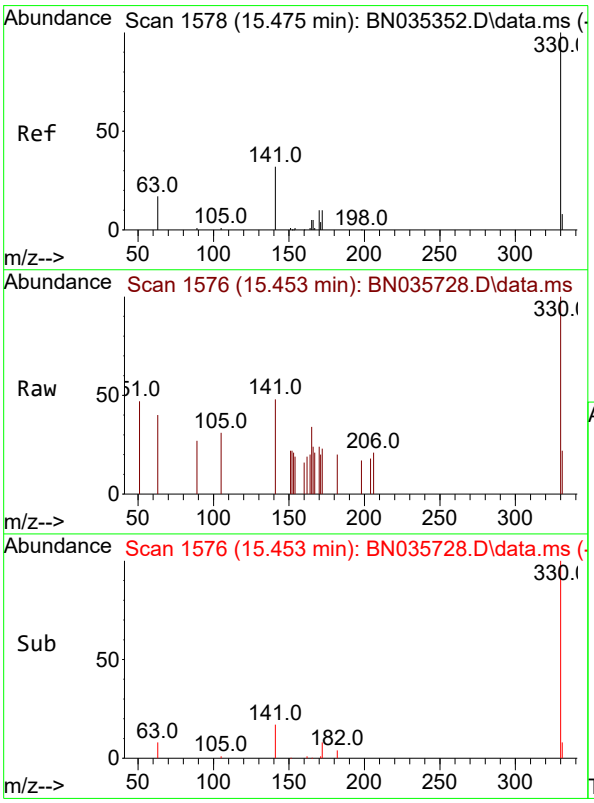
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.935 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:164 Resp: 4640

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.2	123.2
160	46.1	40.1	60.1

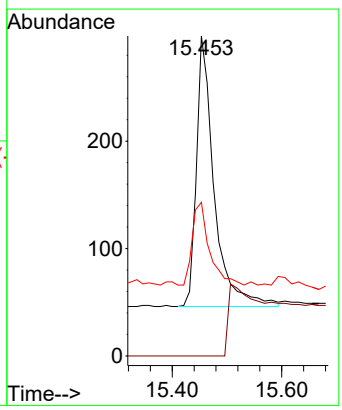


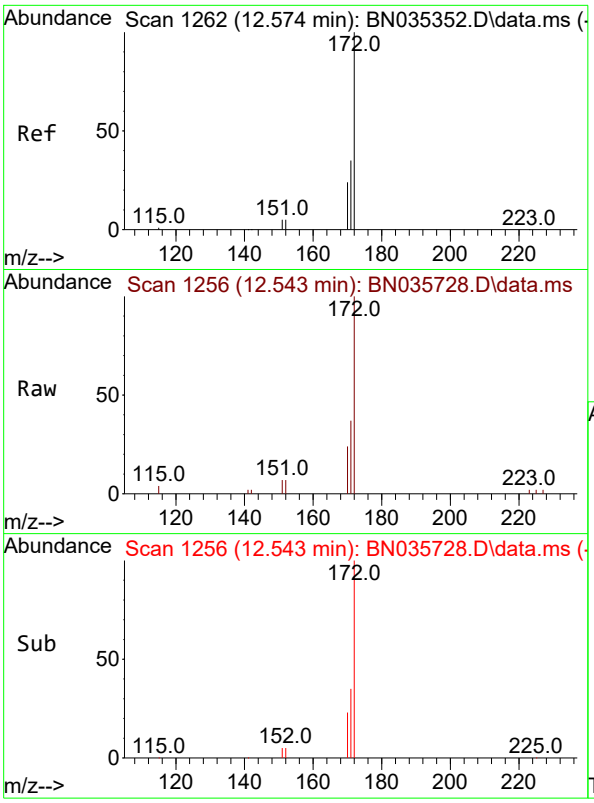


#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:330 Resp: 599

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.4	26.6	40.0



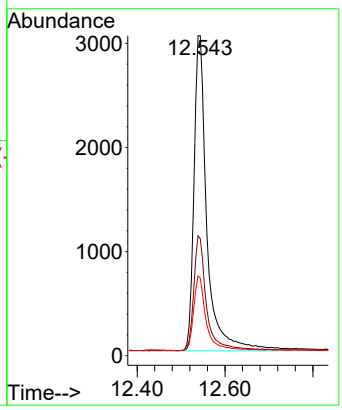


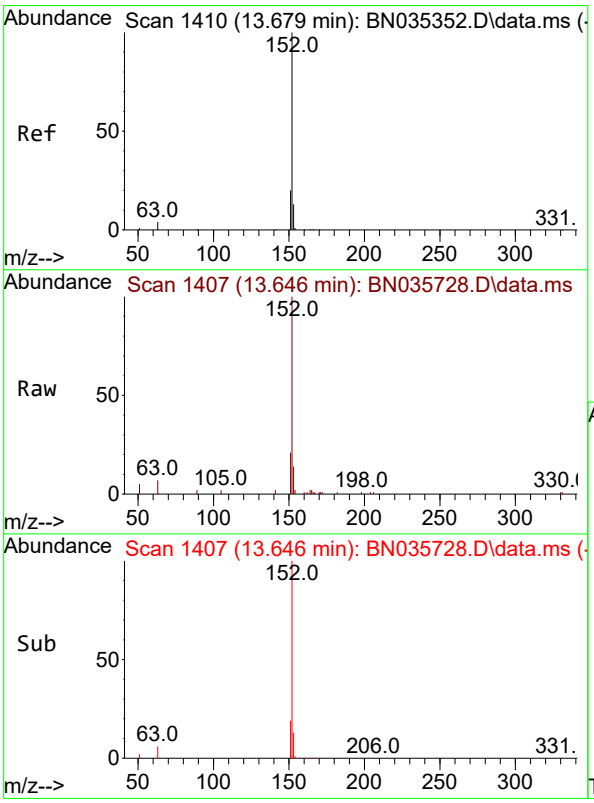
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.543 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:172 Resp: 6241

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	24.2	19.8	29.8

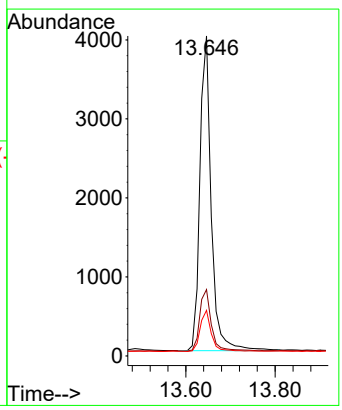


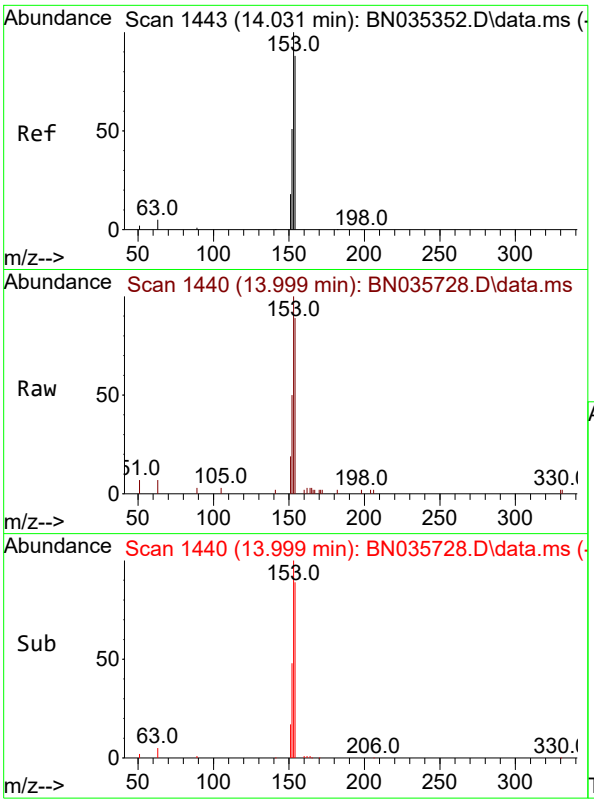


#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.646 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:152 Resp: 7020

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	13.0	10.4	15.6



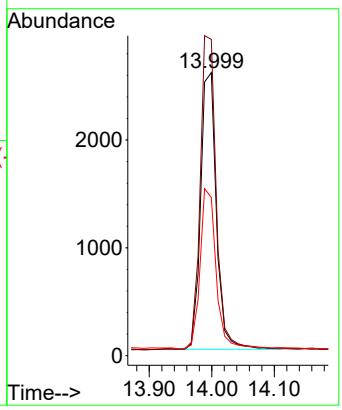


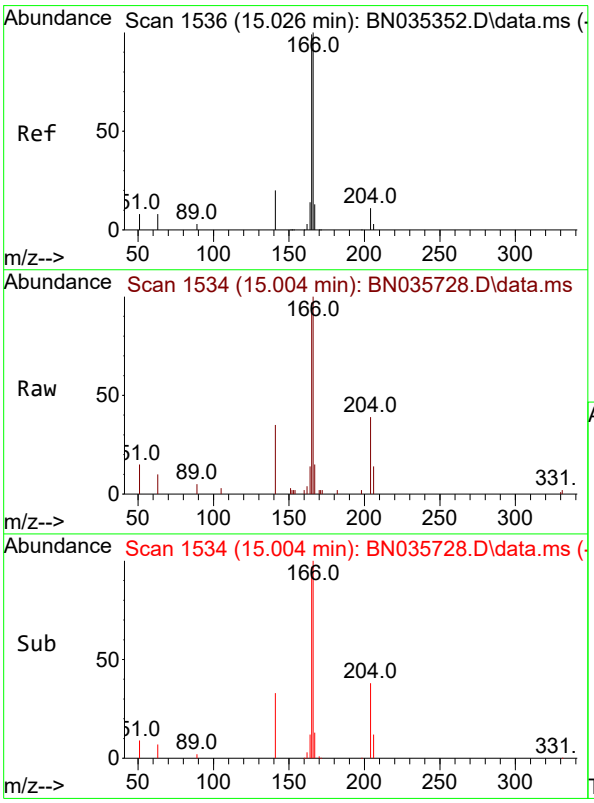
#17
Acenaphthene
Concen: 0.348 ng
RT: 13.999 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:154 Resp: 4501

Ion	Ratio	Lower	Upper
154	100		
153	115.4	92.6	139.0
152	58.6	49.0	73.6

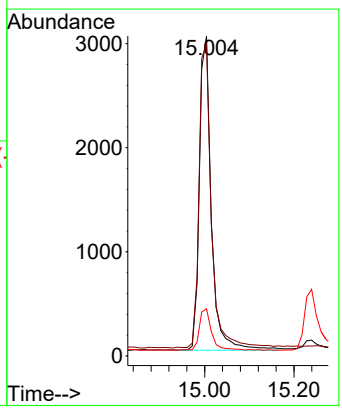


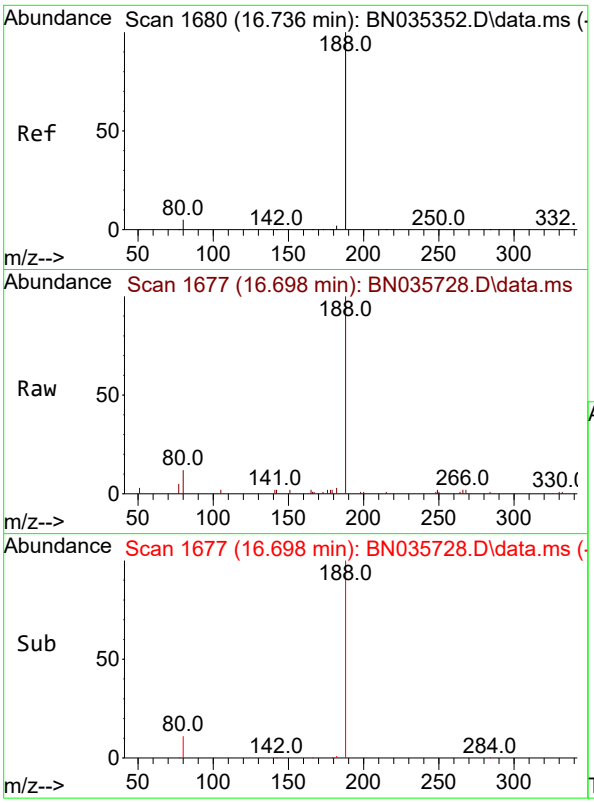


#18
Fluorene
Concen: 0.303 ng
RT: 15.004 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:166 Resp: 5615

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.7	119.5
167	13.2	10.8	16.2



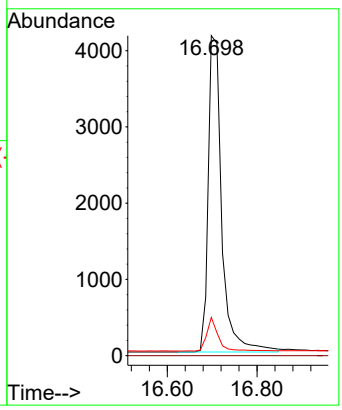


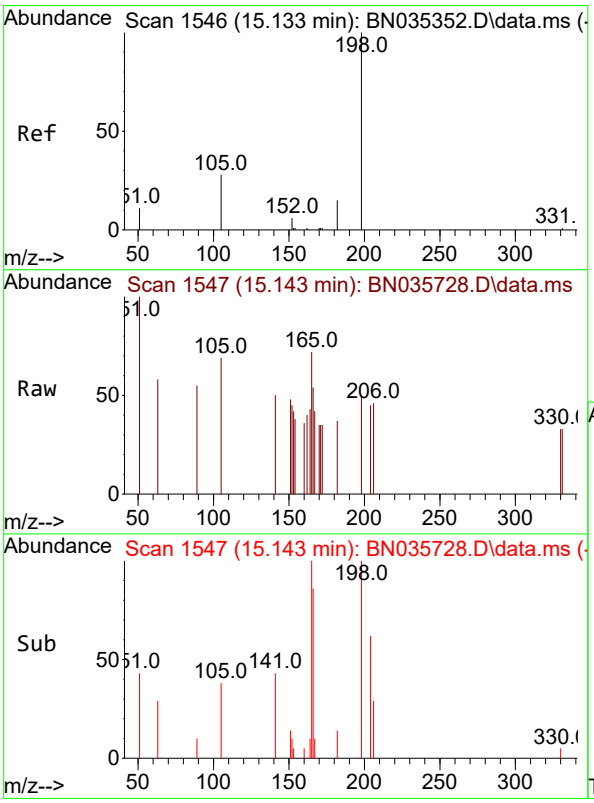
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:188 Resp: 8678

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	4.6	6.8#

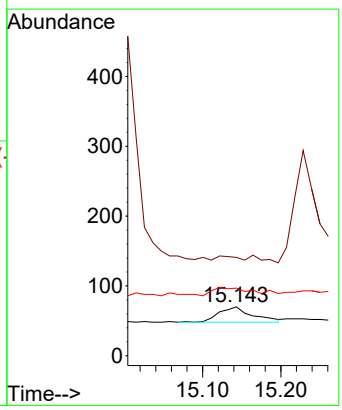


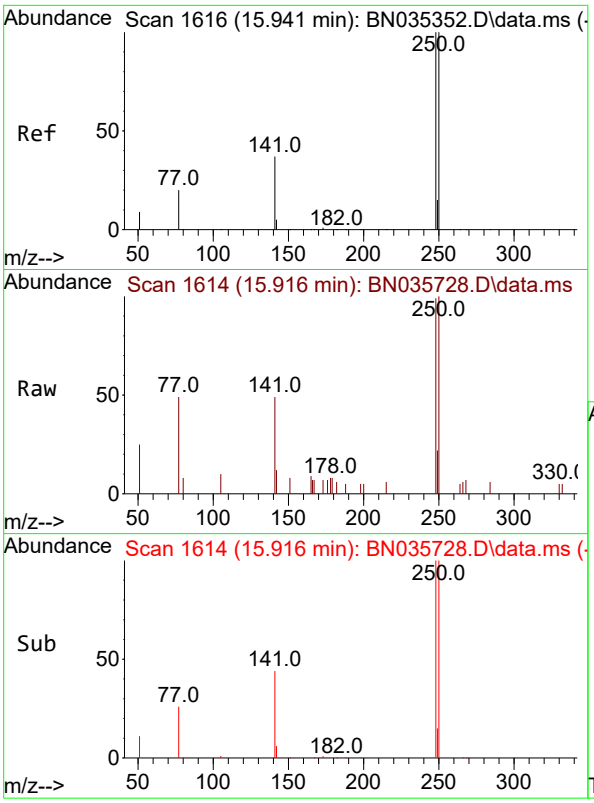


#20
4,6-Dinitro-2-methylphenol
Concen: 0.077 ng
RT: 15.143 min Scan# 1547
Delta R.T. 0.021 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:198 Resp: 66

Ion	Ratio	Lower	Upper
198	100		
51	201.4	46.5	69.7#
105	138.6	45.3	67.9#



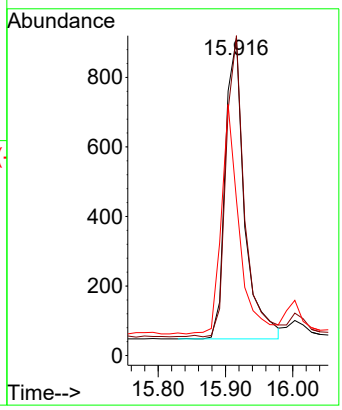


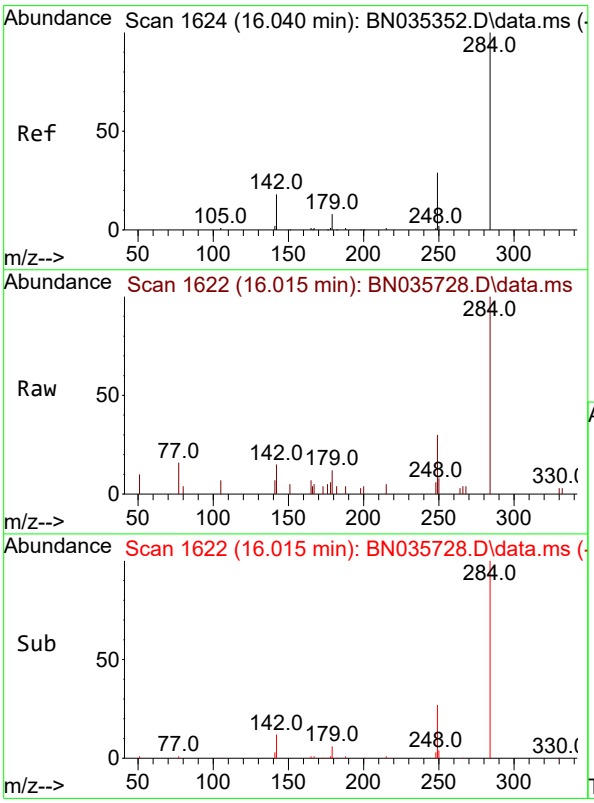
#21
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 15.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:248 Resp: 1712

Ion	Ratio	Lower	Upper
248	100		
250	100.8	80.6	120.8
141	49.1	31.5	47.3#

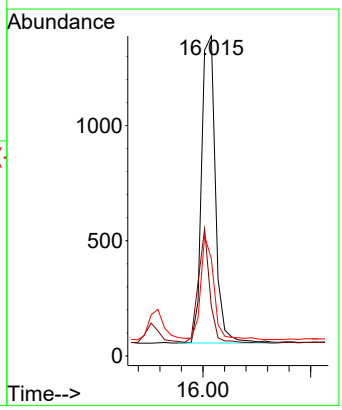


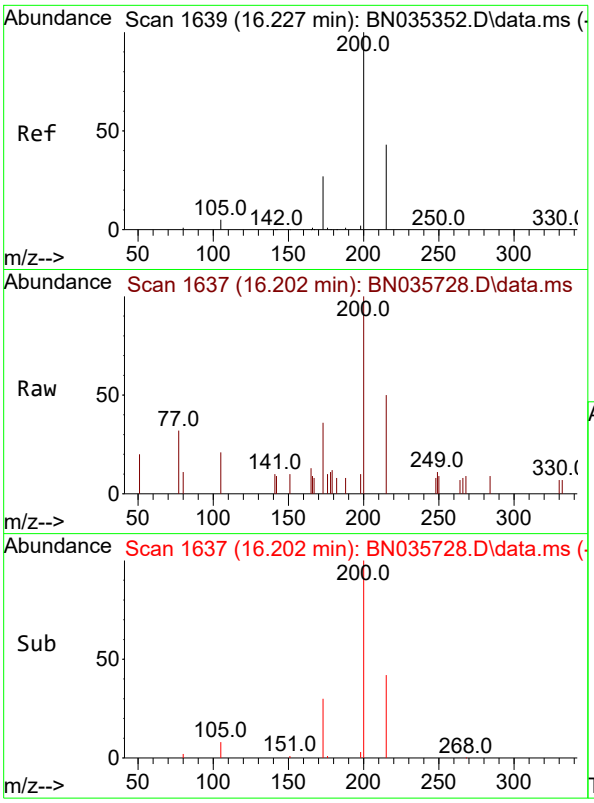


#22
Hexachlorobenzene
Concen: 0.400 ng
RT: 16.015 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:284 Resp: 2386

Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.7	40.1
249	31.9	24.6	36.8



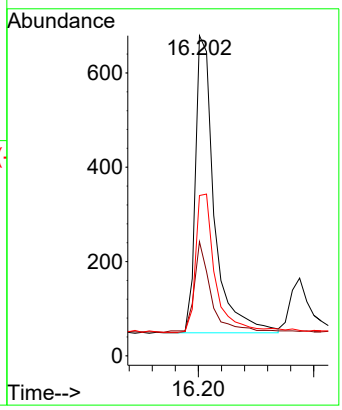


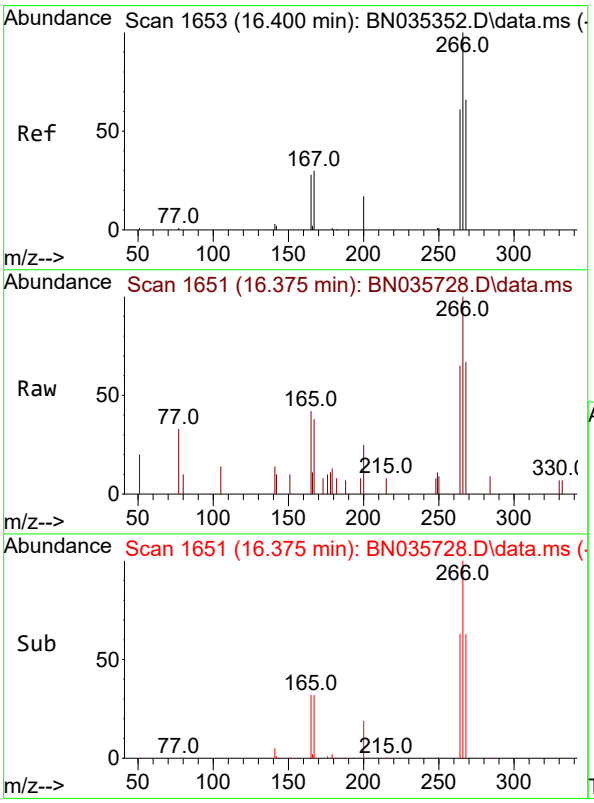
#23
Atrazine
Concen: 0.396 ng
RT: 16.202 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:200 Resp: 1432

Ion	Ratio	Lower	Upper
200	100		
173	35.6	24.1	36.1
215	50.1	36.9	55.3

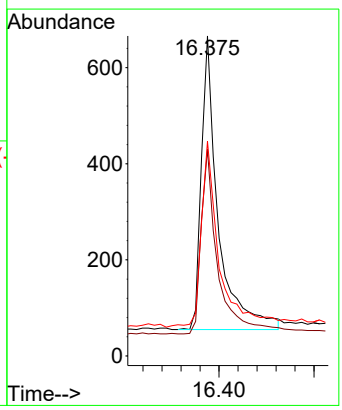


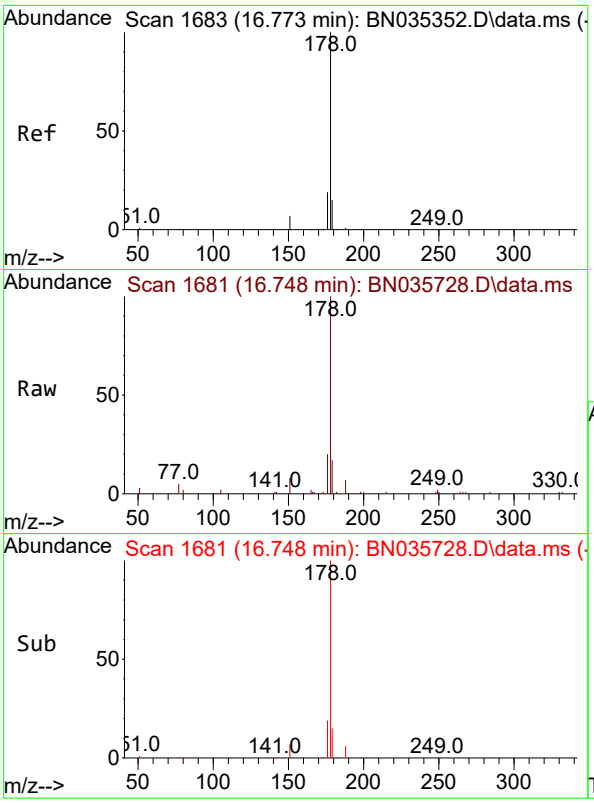


#24
Pentachlorophenol
Concen: 0.582 ng
RT: 16.375 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:266 Resp: 1508

Ion	Ratio	Lower	Upper
266	100		
264	62.3	42.3	63.5
268	67.5	43.3	64.9#



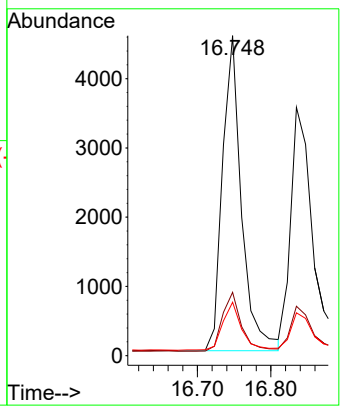


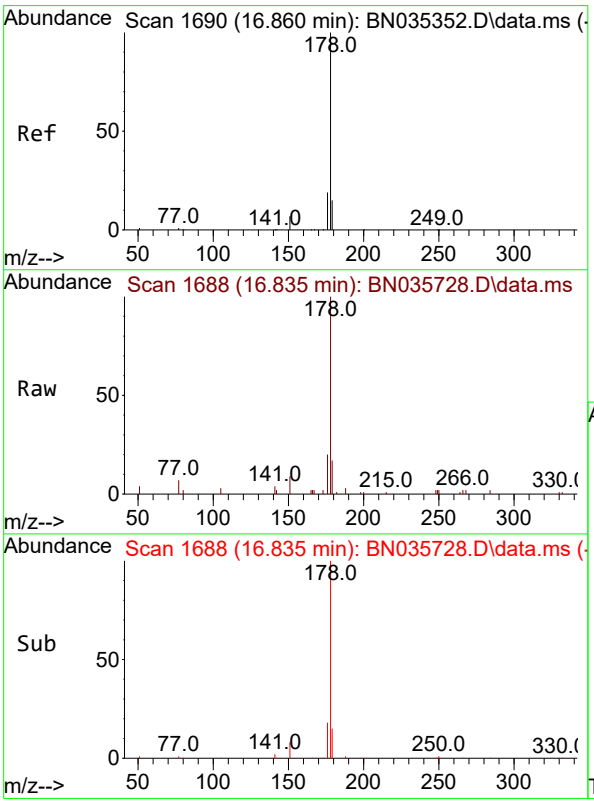
#25
Phenanthrene
Concen: 0.343 ng
RT: 16.748 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:178 Resp: 8179

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.1	12.3	18.5

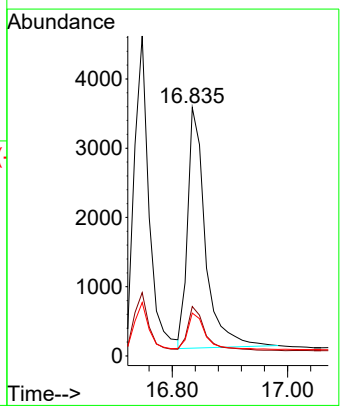


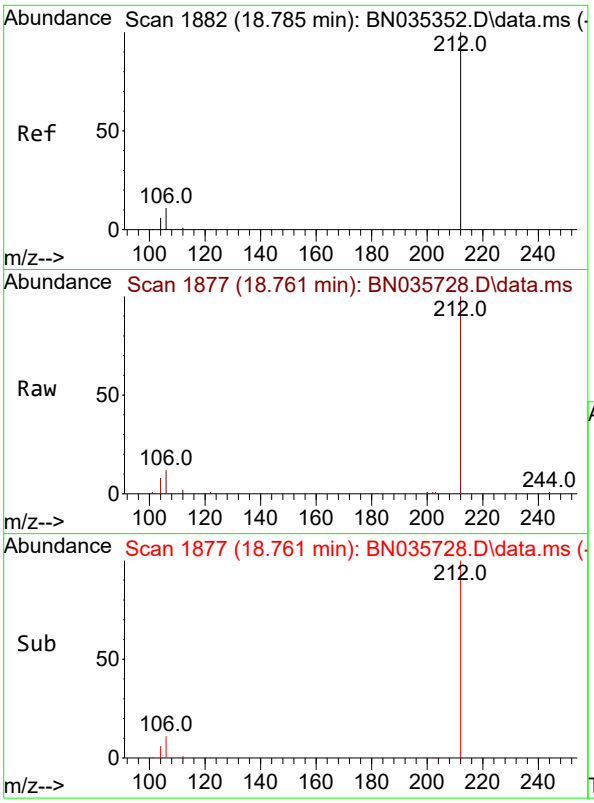


#26
Anthracene
Concen: 0.344 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:178 Resp: 7420

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.7	12.6	18.8



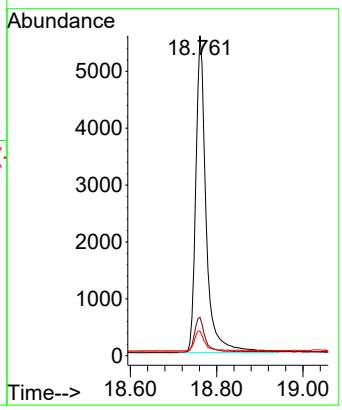


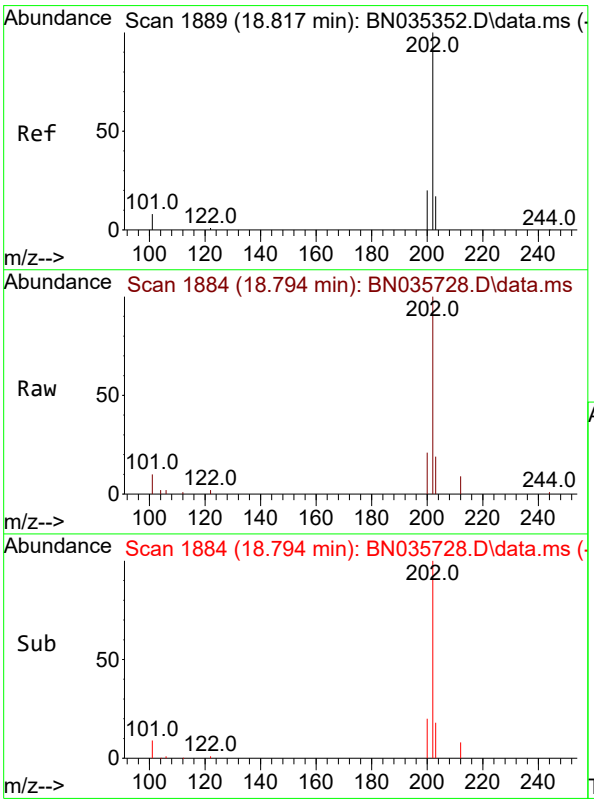
#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 18.761 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:212 Resp: 9334

Ion	Ratio	Lower	Upper
212	100		
106	10.9	9.2	13.8
104	6.3	5.3	7.9

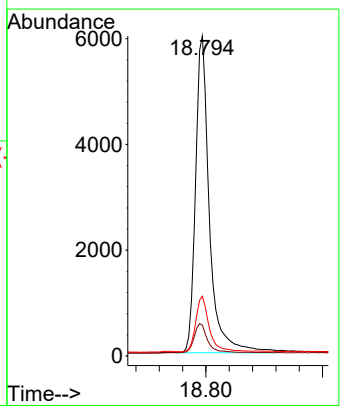


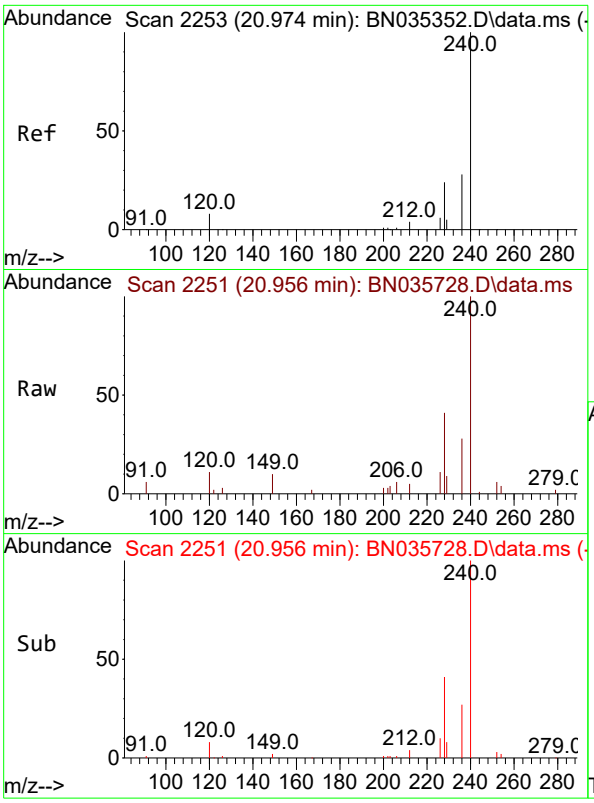


#28
Fluoranthene
Concen: 0.309 ng
RT: 18.794 min Scan# 1884
Delta R.T. 0.004 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:202 Resp: 9920

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.0
203	17.0	13.7	20.5



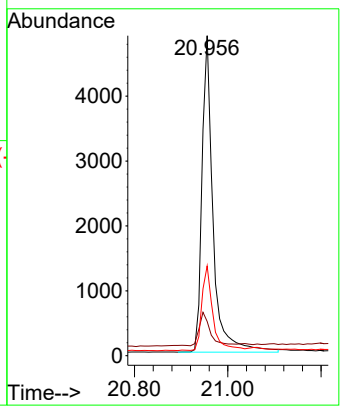


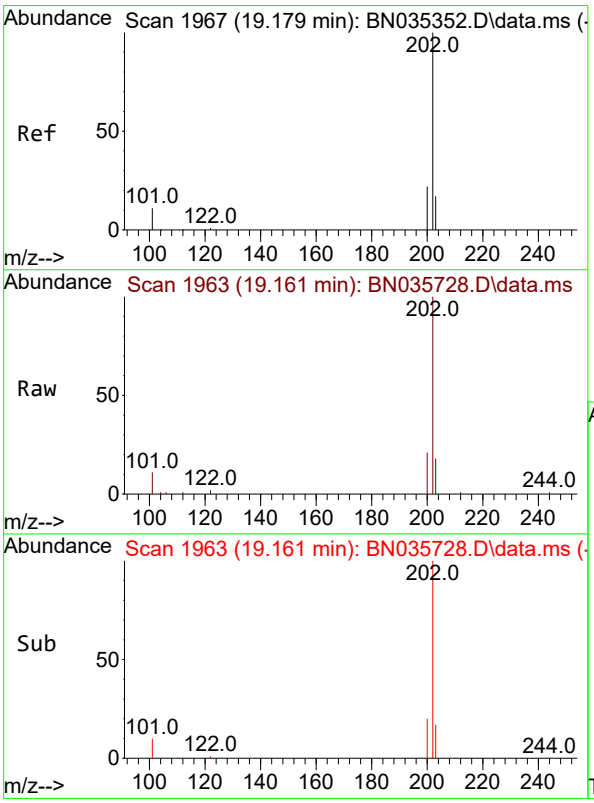
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.956 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:240 Resp: 8066

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.9	11.9
236	28.0	22.9	34.3

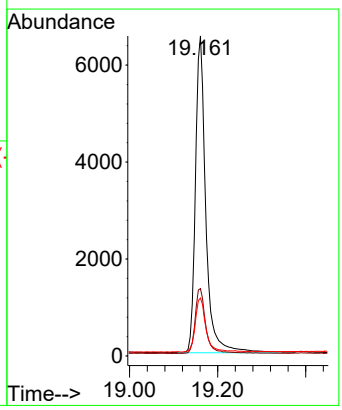


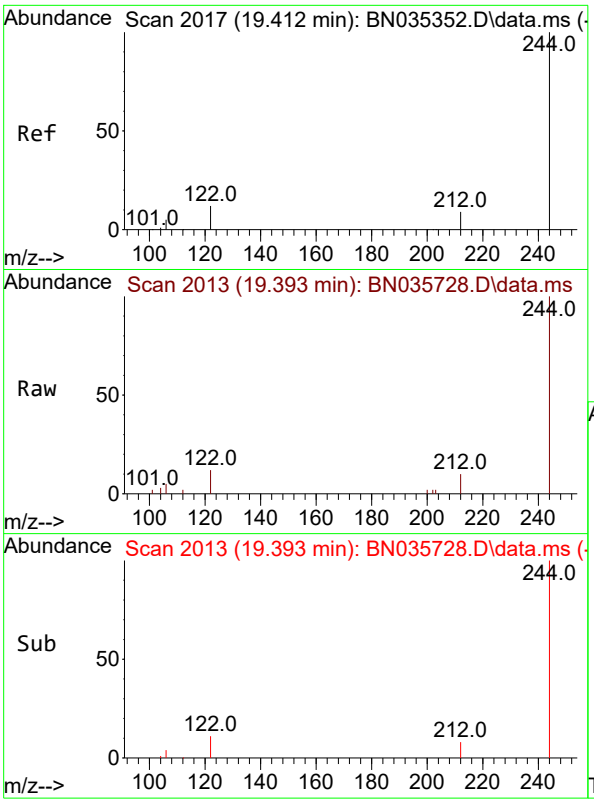


#30
Pyrene
Concen: 0.360 ng
RT: 19.161 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:202 Resp: 10720

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.2	14.3	21.5



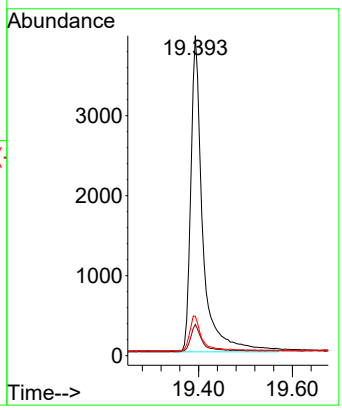


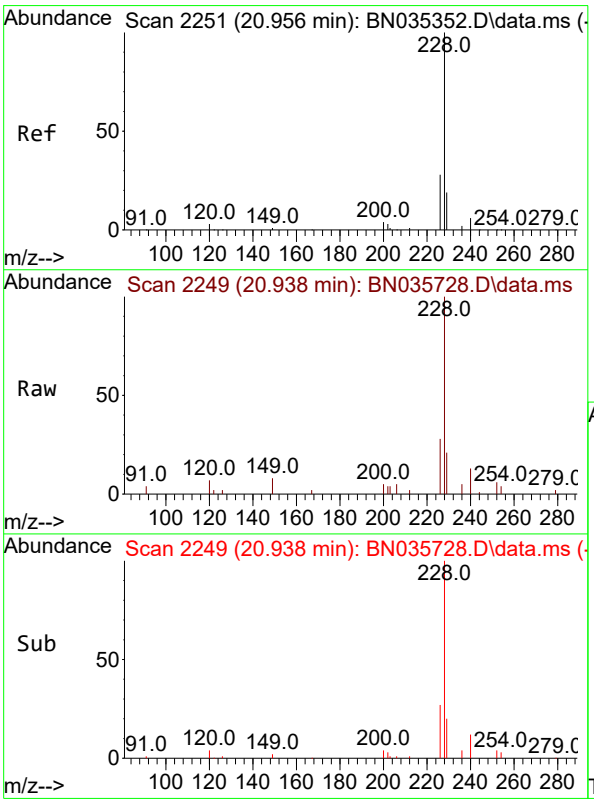
#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.393 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:244 Resp: 6996

Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.1	12.1
122	12.3	10.3	15.5

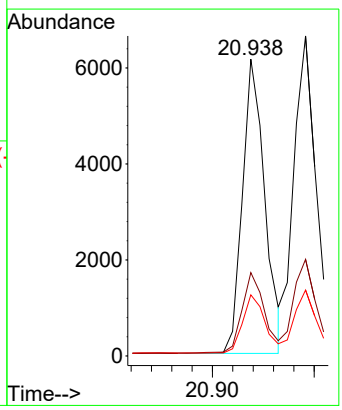


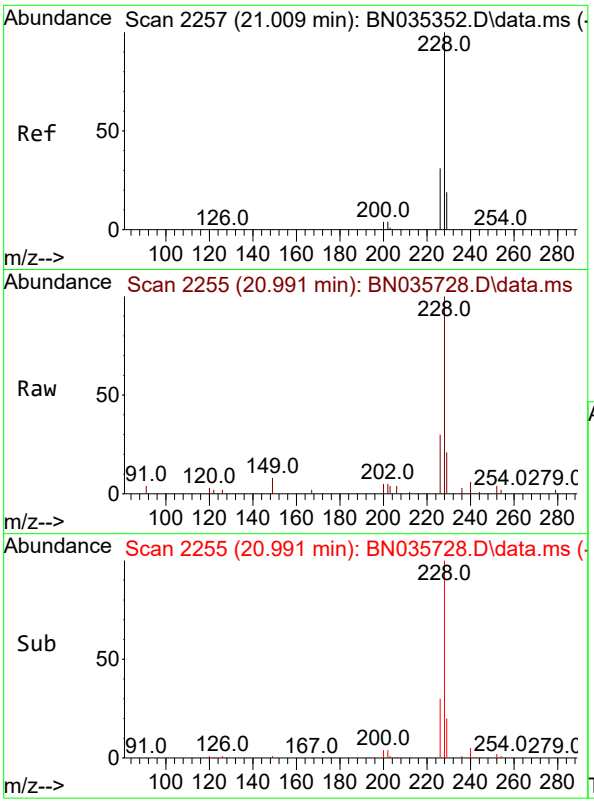


#32
Benzo(a)anthracene
Concen: 0.331 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:228 Resp: 9343

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.6	15.8	23.8



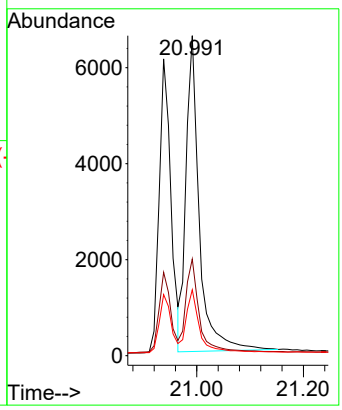


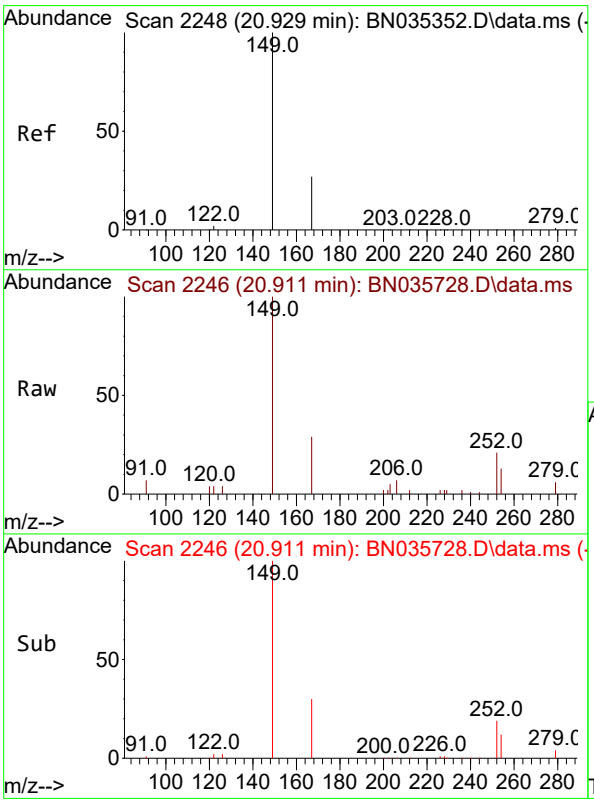
#33
Chrysene
Concen: 0.391 ng
RT: 20.991 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:228 Resp: 11373

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	20.6	15.9	23.9

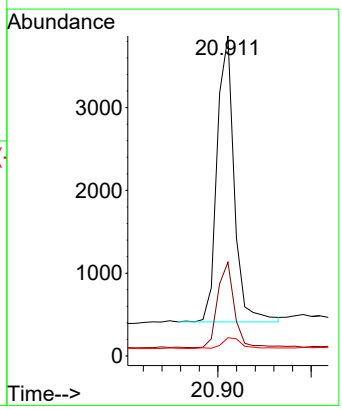


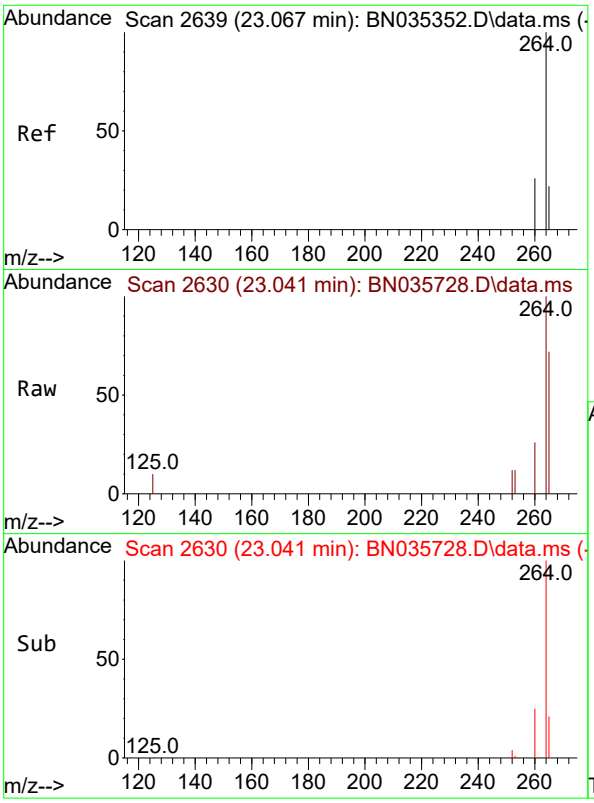


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 20.911 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:149 Resp: 4399

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.4
279	4.4	2.7	4.1#



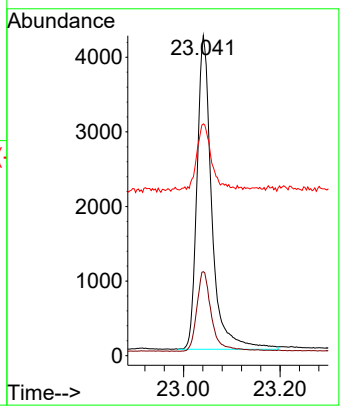


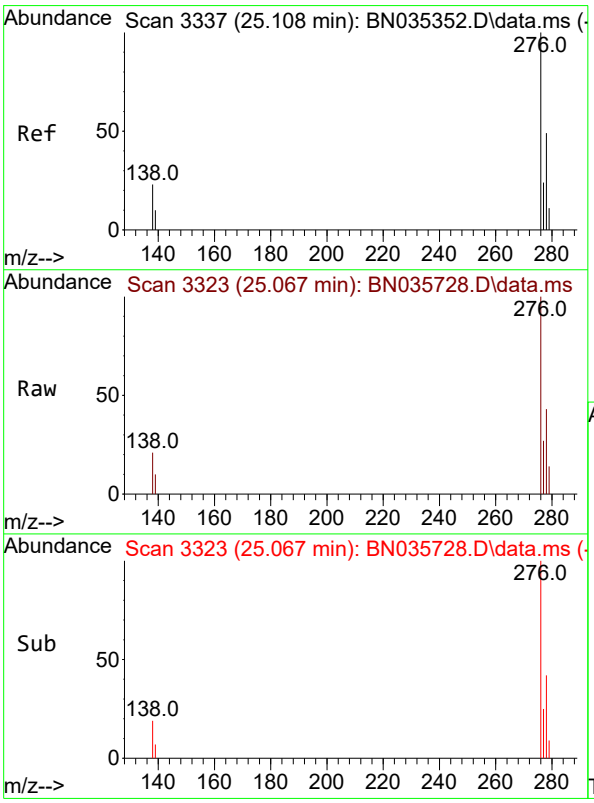
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.041 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:264 Resp: 8916

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	72.4	40.2	60.4#

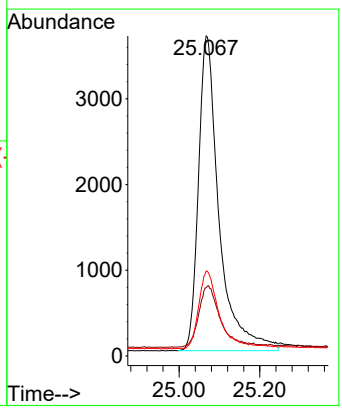


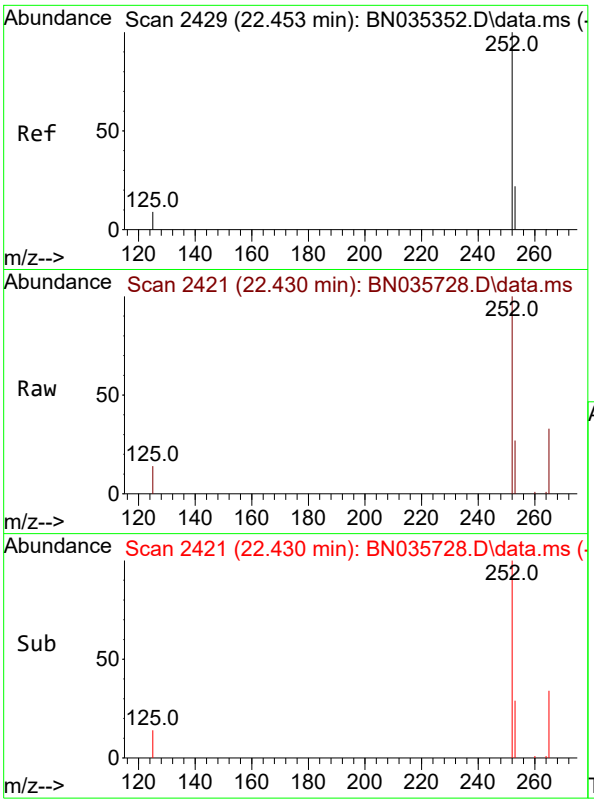


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 25.067 min Scan# 3323
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:276 Resp: 13020

Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.4	29.0
277	24.2	19.8	29.6



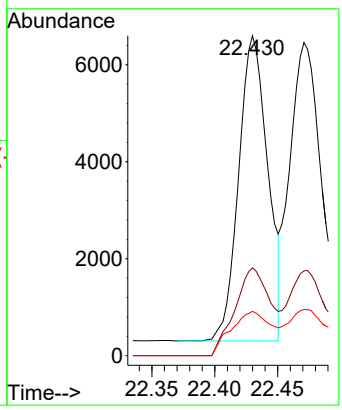


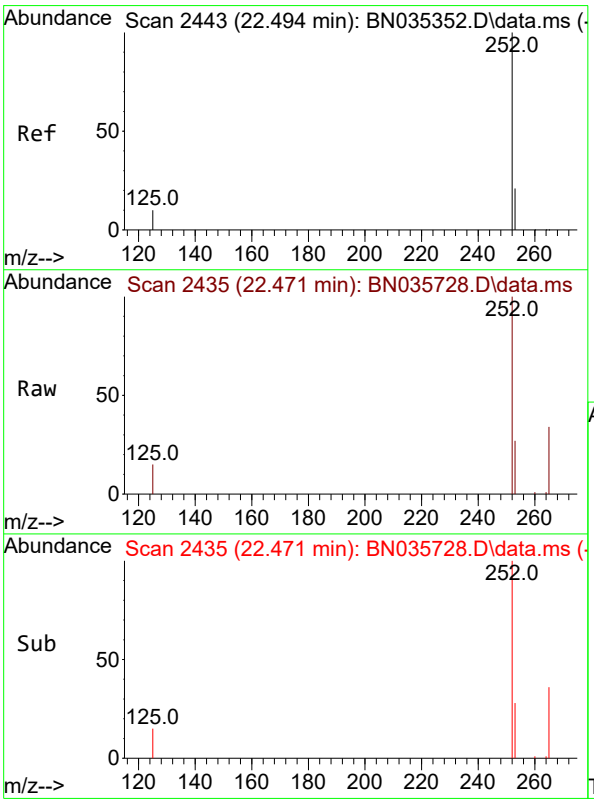
#37
Benzo(b)fluoranthene
Concen: 0.440 ng
RT: 22.430 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:252 Resp: 14339

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.6	29.4
125	13.8	9.6	14.4

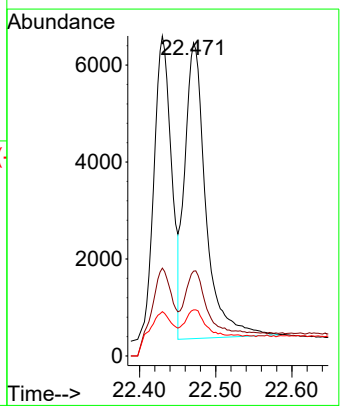


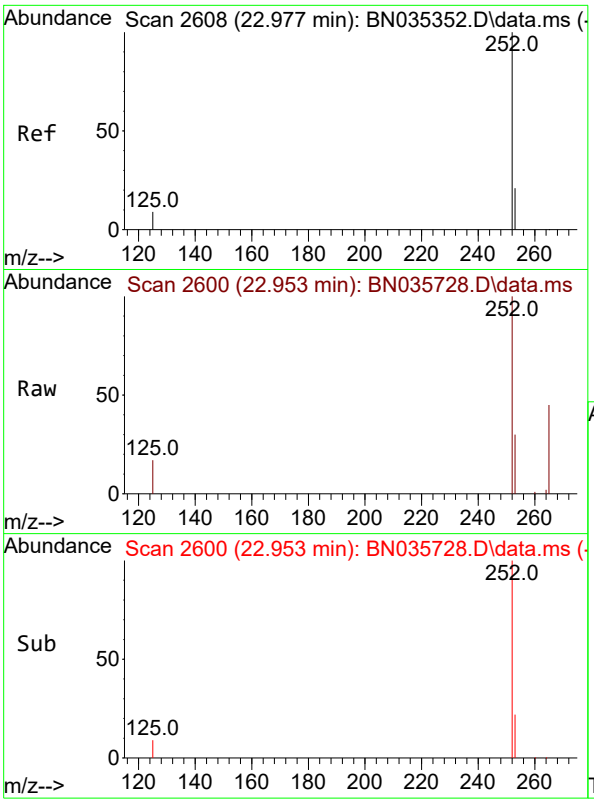


#38
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 22.471 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:252 Resp: 11726

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.5	29.3
125	14.7	10.2	15.4



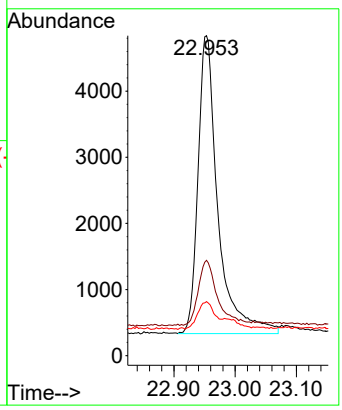


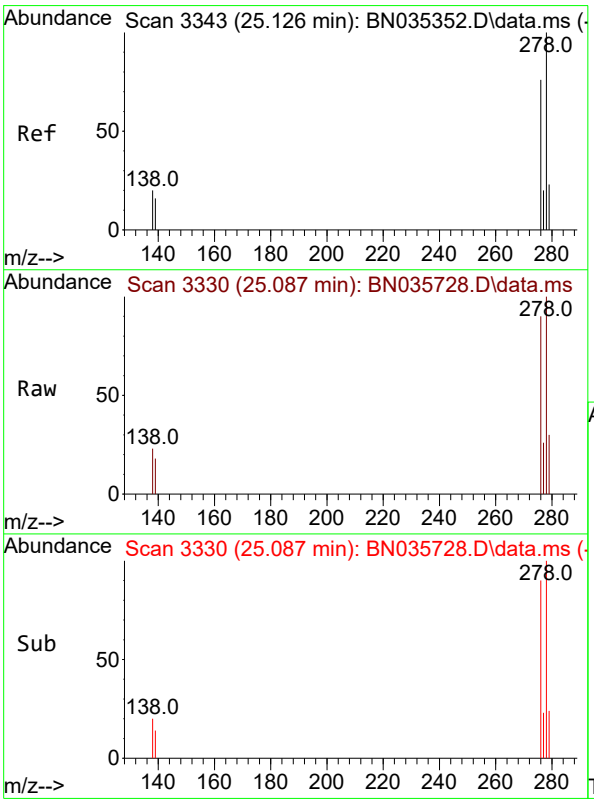
#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 22.953 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:252 Resp: 10176

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.2	30.4
125	16.9	10.9	16.3#

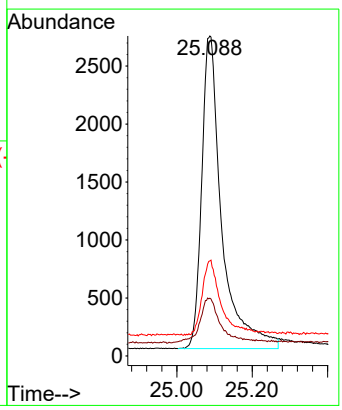


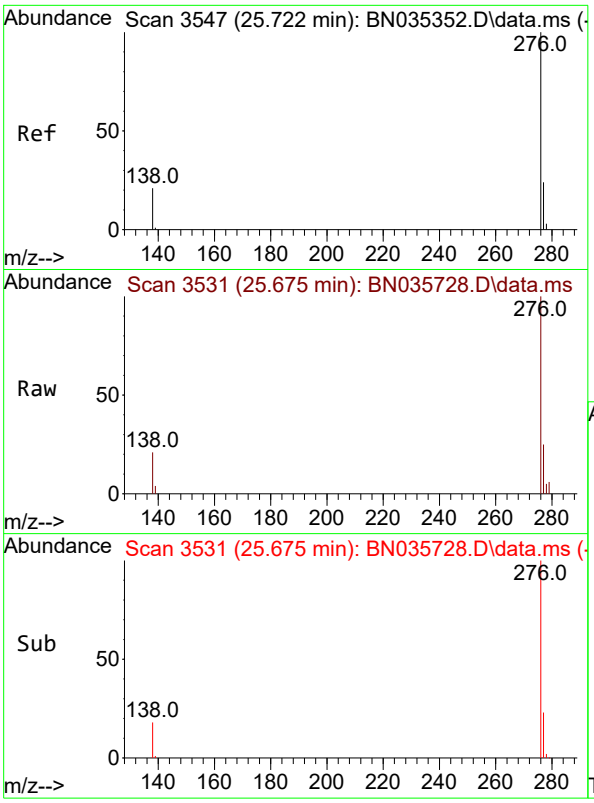


#40
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 25.087 min Scan# 3330
Delta R.T. 0.006 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Tgt Ion:278 Resp: 9971

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.2	21.4
279	29.7	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.364 ng
RT: 25.675 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035728.D
Acq: 20 Dec 2024 05:34

Instrument :
BNA_N
ClientSampleId :
PB165596BS

Tgt Ion:276 Resp: 10457

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.9	29.9
138	21.0	17.8	26.8