Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090424\
Data File : BN033752.D
Acq On : 04 Sep 2024 14:42
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 04 18:04:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:03:07 2024
Response via : Initial Calibration

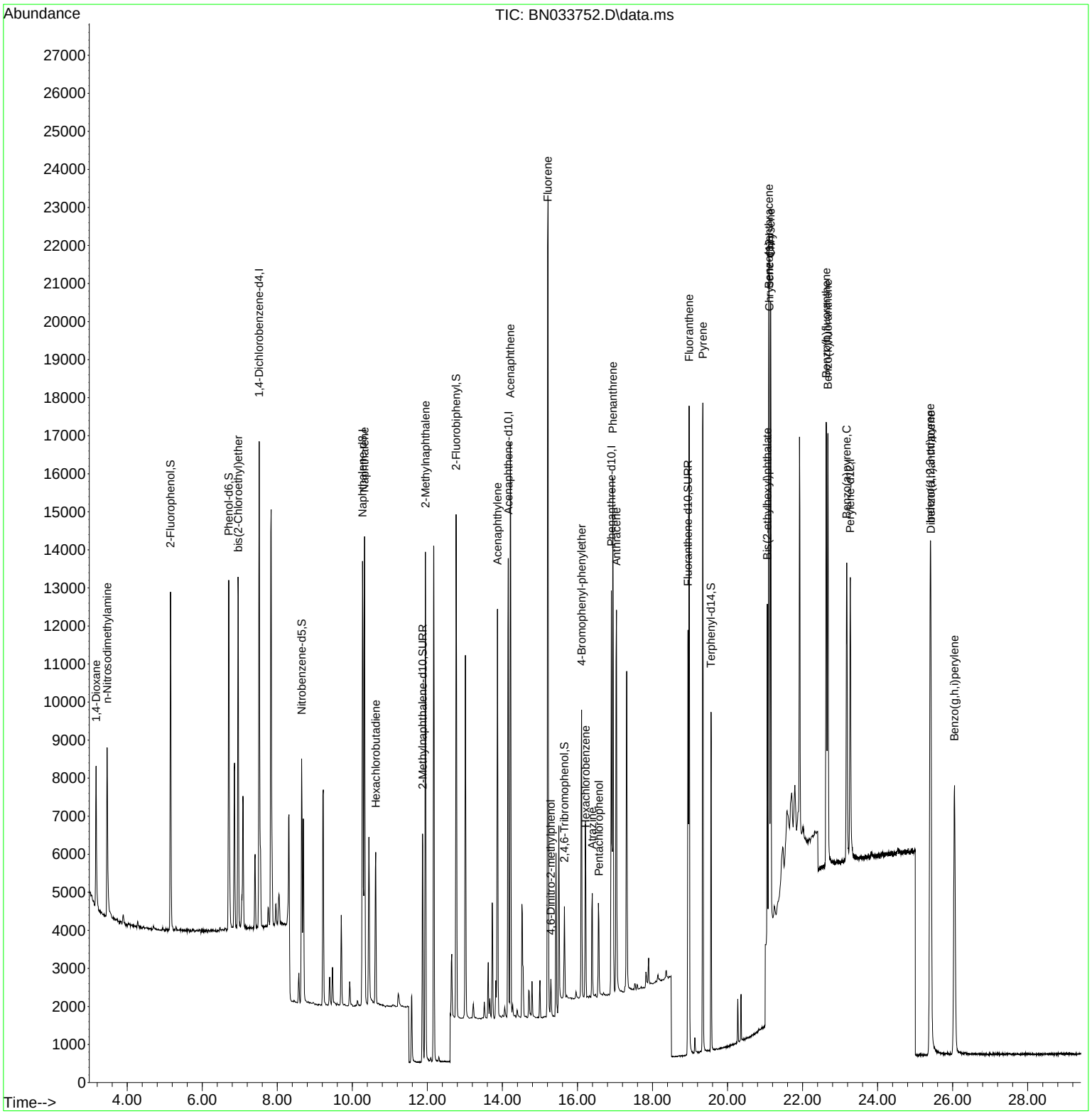
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	5895	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	15185	0.400	ng		0.00
13) Acenaphthene-d10	14.157	164	6901	0.400	ng		0.00
19) Phenanthrene-d10	16.905	188	12880	0.400	ng		0.00
29) Chrysene-d12	21.113	240	9360	0.400	ng		0.00
35) Perylene-d12	23.271	264	9625	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	6885	0.382	ng		0.00
5) Phenol-d6	6.707	99	7993	0.374	ng		0.00
8) Nitrobenzene-d5	8.649	82	4868	0.377	ng		0.00
11) 2-Methylnaphthalene-d10	11.873	152	8155	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	1285	0.369	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	11245	0.391	ng		0.00
27) Fluoranthene-d10	18.947	212	12231	0.385	ng		0.00
31) Terphenyl-d14	19.560	244	8131	0.407	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	2579	0.385	ng		100
3) n-Nitrosodimethylamine	3.464	42	3022	0.384	ng		100
6) bis(2-Chloroethyl)ether	6.960	93	6282	0.390	ng		100
9) Naphthalene	10.325	128	15538	0.383	ng		100
10) Hexachlorobutadiene	10.624	225	3285	0.389	ng	#	100
12) 2-Methylnaphthalene	11.949	142	9429	0.379	ng		100
16) Acenaphthylene	13.868	152	11157	0.374	ng		100
17) Acenaphthene	14.210	154	7861	0.384	ng		100
18) Fluorene	15.204	166	9594	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.290	198	658	0.324	ng		100
21) 4-Bromophenyl-phenylether	16.110	248	2912	0.390	ng		100
22) Hexachlorobenzene	16.222	284	3427	0.401	ng		100
23) Atrazine	16.396	200	2301	0.386	ng		100
24) Pentachlorophenol	16.569	266	1266	0.362	ng		98
25) Phenanthrene	16.942	178	13860	0.391	ng		100
26) Anthracene	17.041	178	11832	0.383	ng		100
28) Fluoranthene	18.975	202	15133	0.380	ng		100
30) Pyrene	19.342	202	15421	0.409	ng		100
32) Benzo(a)anthracene	21.104	228	13254	0.397	ng		100
33) Chrysene	21.148	228	13210	0.400	ng		100
34) Bis(2-ethylhexyl)phtha...	21.059	149	7254	0.398	ng		100
36) Indeno(1,2,3-cd)pyrene	25.402	276	15658	0.394	ng		100
37) Benzo(b)fluoranthene	22.630	252	14099	0.399	ng		100
38) Benzo(k)fluoranthene	22.674	252	13545	0.393	ng		100
39) Benzo(a)pyrene	23.177	252	11531	0.390	ng		100
40) Dibenzo(a,h)anthracene	25.417	278	12626	0.396	ng		100
41) Benzo(g,h,i)perylene	26.048	276	13903	0.402	ng		100

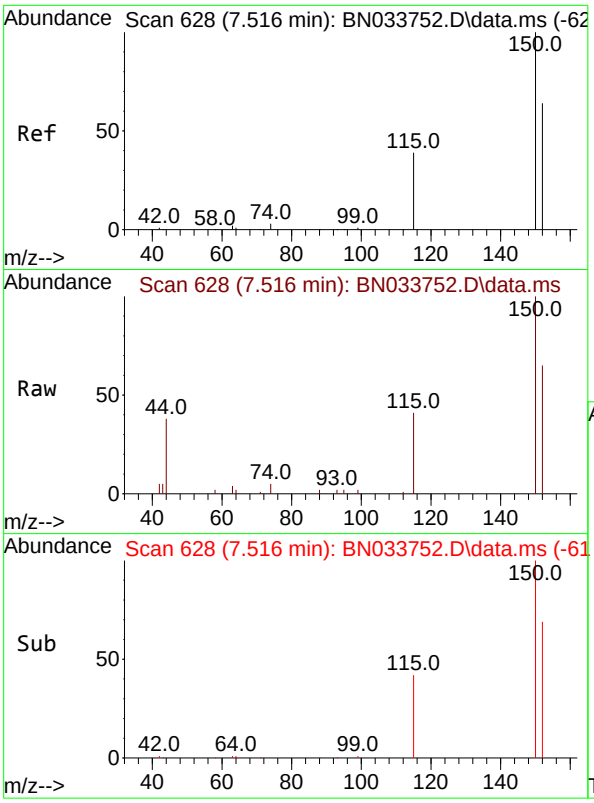
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090424\
Data File : BN033752.D
Acq On : 04 Sep 2024 14:42
Operator : MA/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Sep 04 18:04:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:03:07 2024
Response via : Initial Calibration



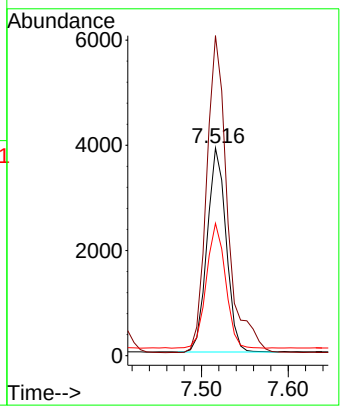


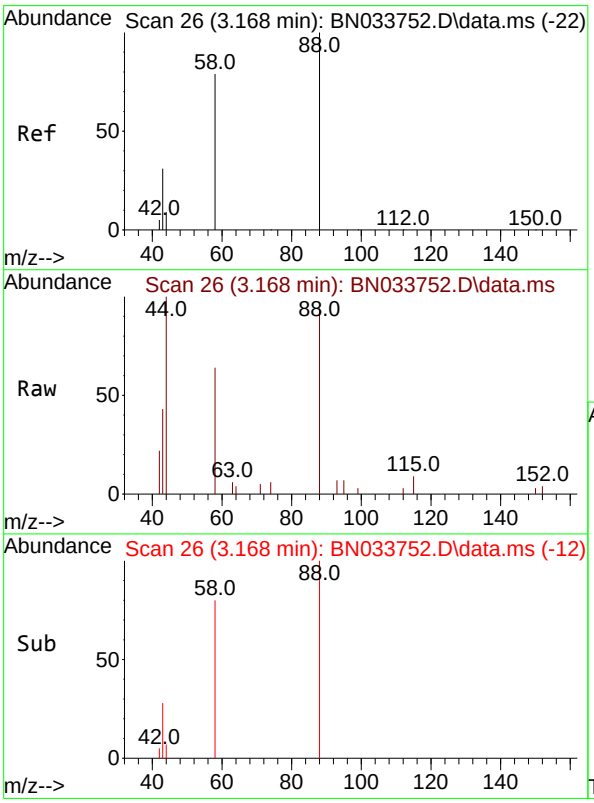
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.516 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5895

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.3	184.9
115	63.7	51.0	76.4

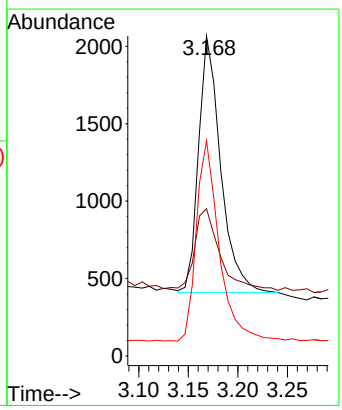


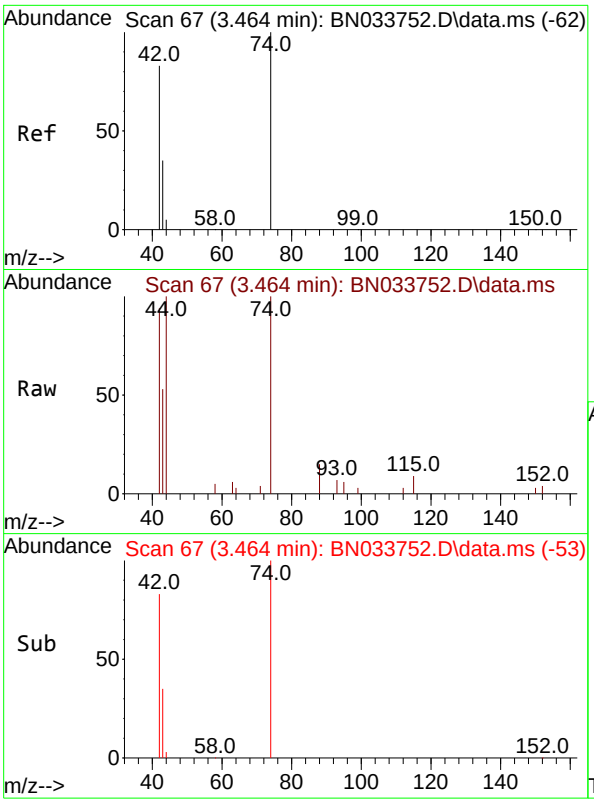


#2
1,4-Dioxane
Concen: 0.385 ng
RT: 3.168 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 88 Resp: 2579

Ion	Ratio	Lower	Upper
88	100		
43	36.2	29.0	43.4
58	80.1	64.1	96.1



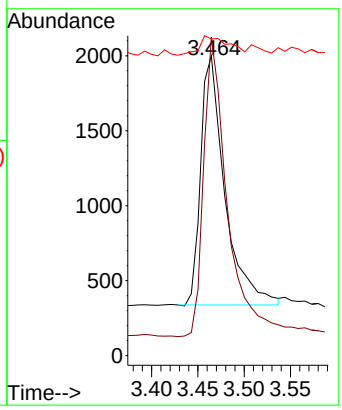


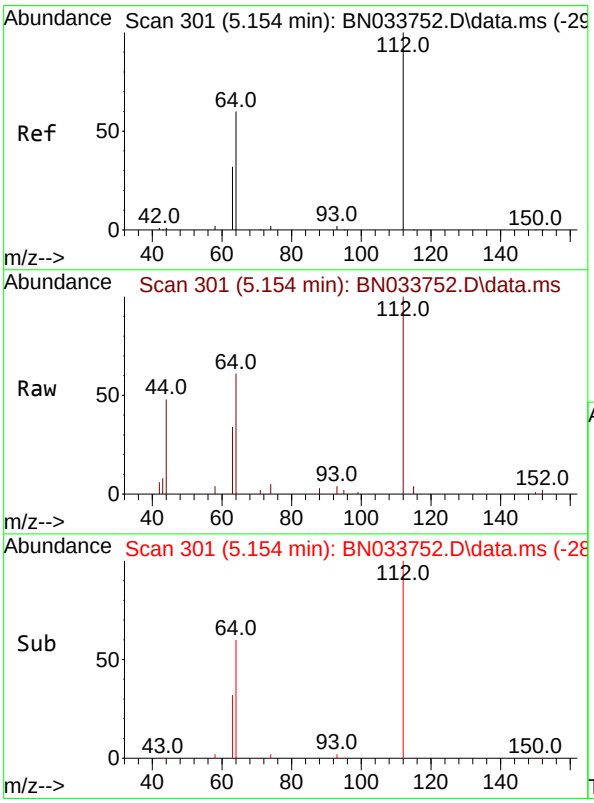
#3
n-Nitrosodimethylamine
Concen: 0.384 ng
RT: 3.464 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 3022

Ion	Ratio	Lower	Upper
42	100		
74	117.3	93.5	140.3
44	9.2	7.4	11.0

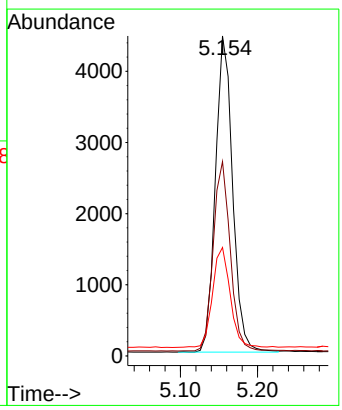


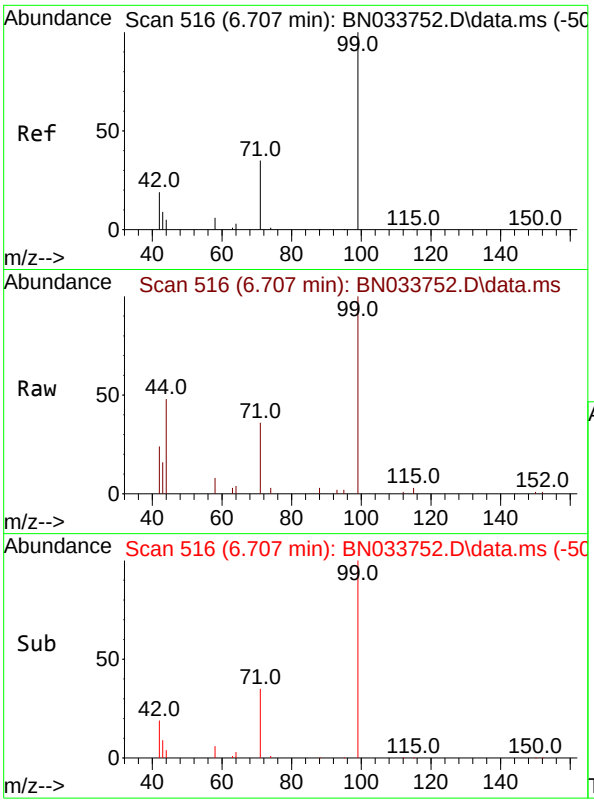


#4
2-Fluorophenol
Concen: 0.382 ng
RT: 5.154 min Scan# 301
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:112 Resp: 6885

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	32.4	25.9	38.9



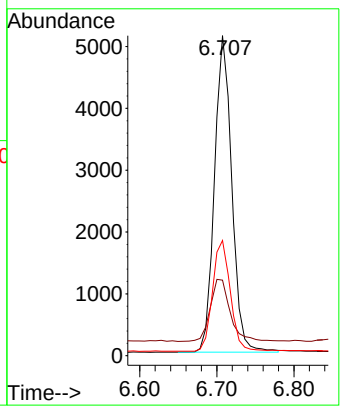


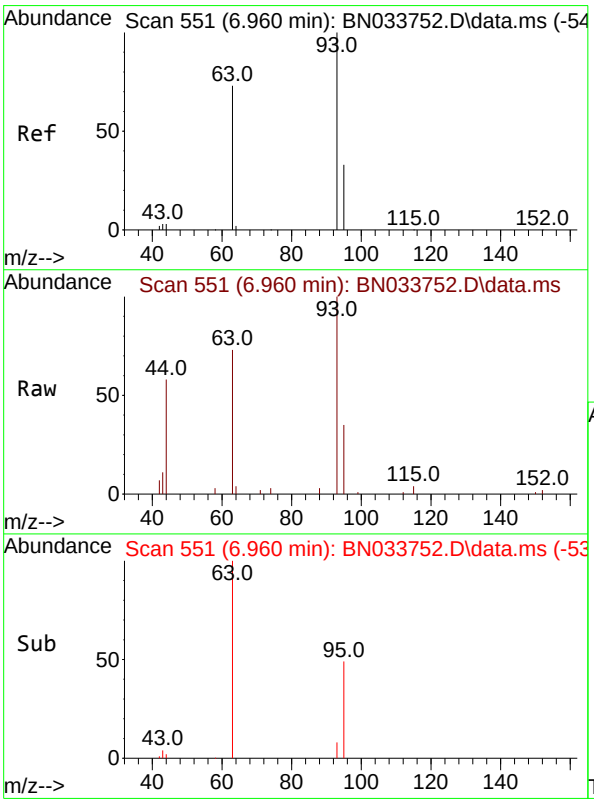
#5
Phenol-d6
Concen: 0.374 ng
RT: 6.707 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 7993

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.0	27.0
71	35.9	28.7	43.1

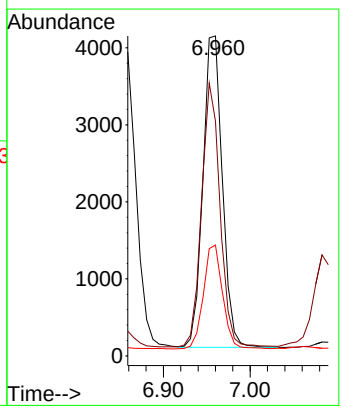


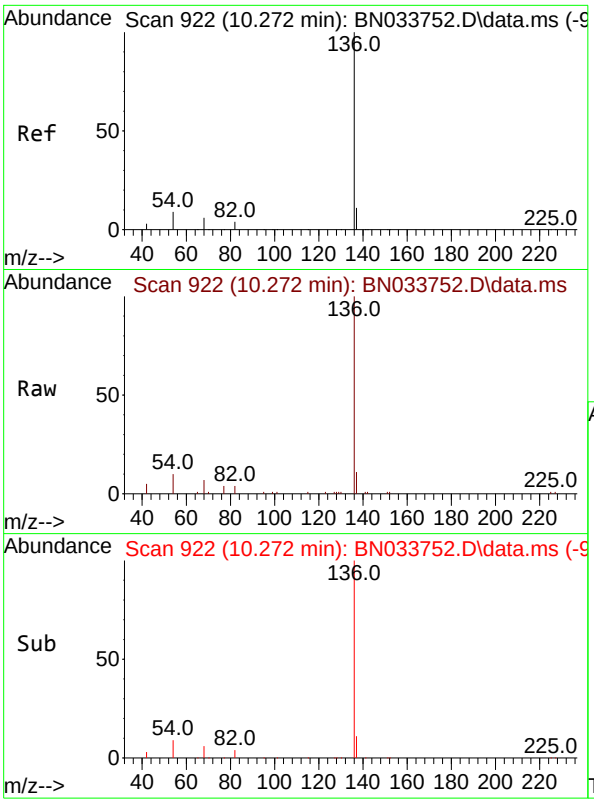


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 6.960 min Scan# 551
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 93 Resp: 6282

Ion	Ratio	Lower	Upper
93	100		
63	80.2	64.4	96.6
95	33.0	26.5	39.7



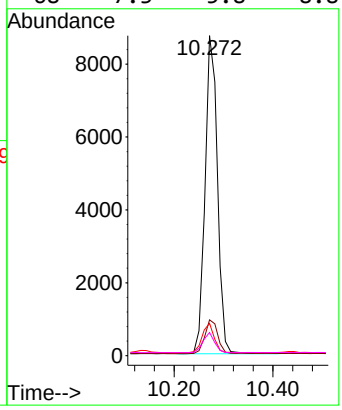


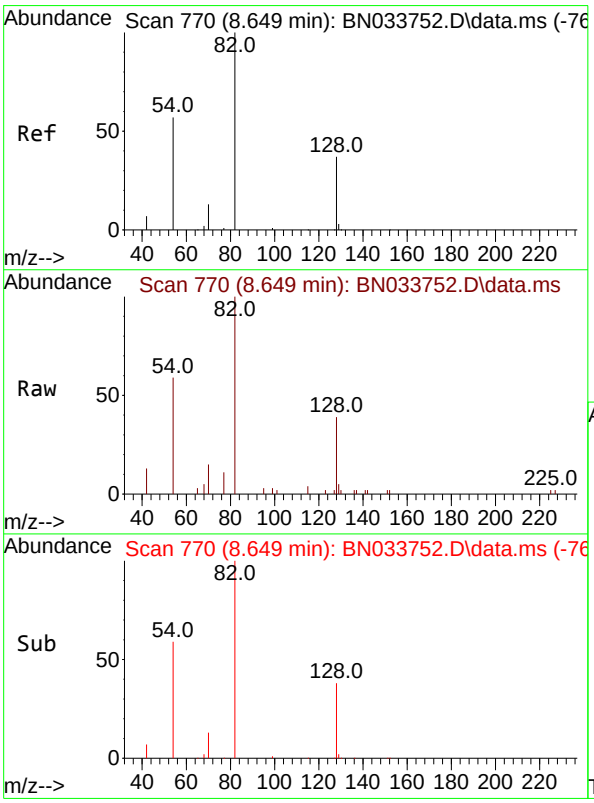
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 15185

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.1	8.1	12.1
68	7.3	5.8	8.8

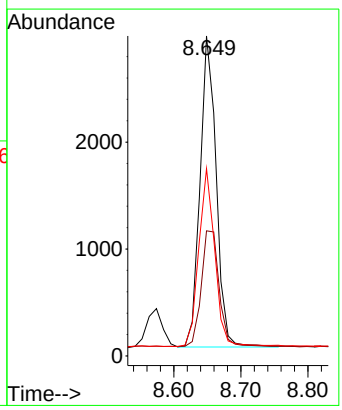


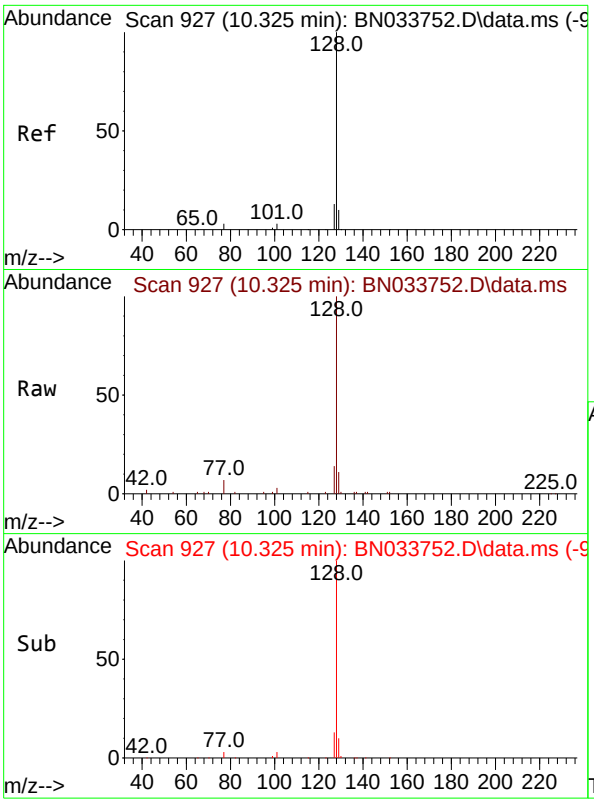


#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.649 min Scan# 770
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 82 Resp: 4868

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	58.6	46.9	70.3



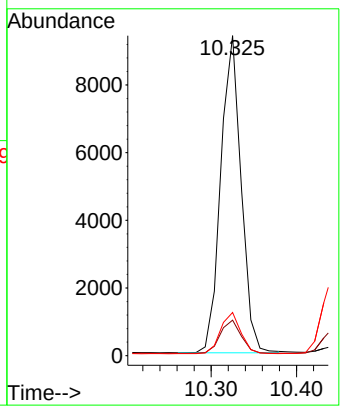


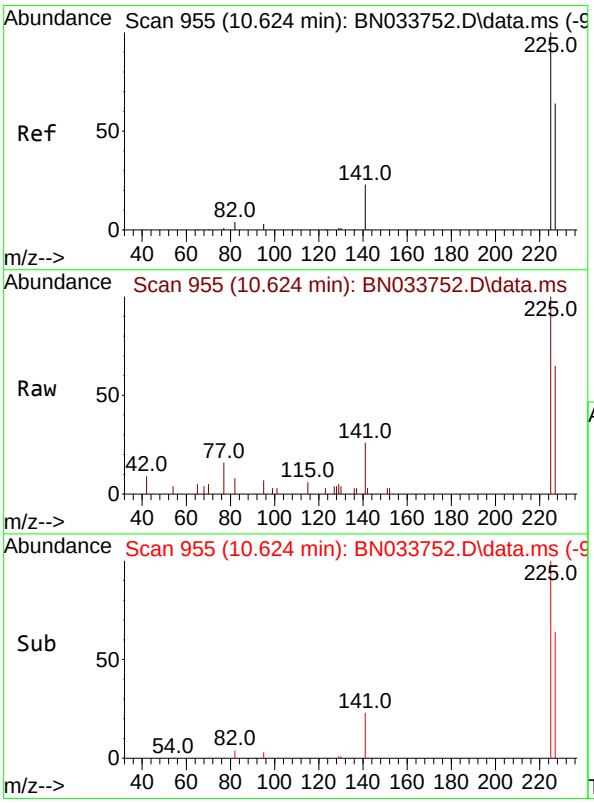
#9
Naphthalene
Concen: 0.383 ng
RT: 10.325 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 15538

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.5	10.8	16.2

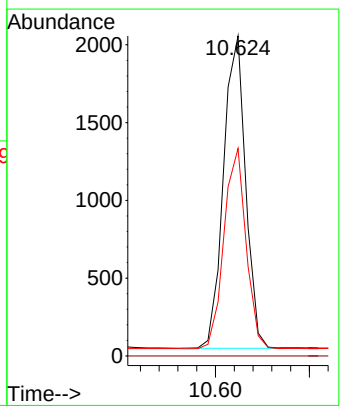


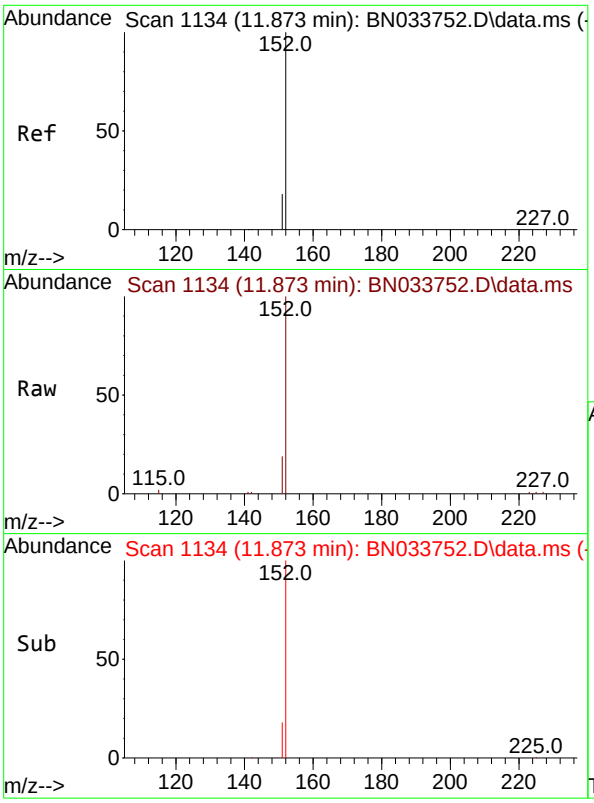


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.624 min Scan# 955
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:225 Resp: 3285

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



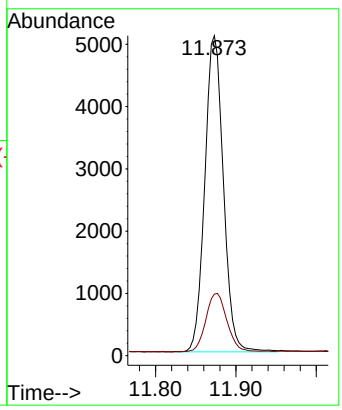


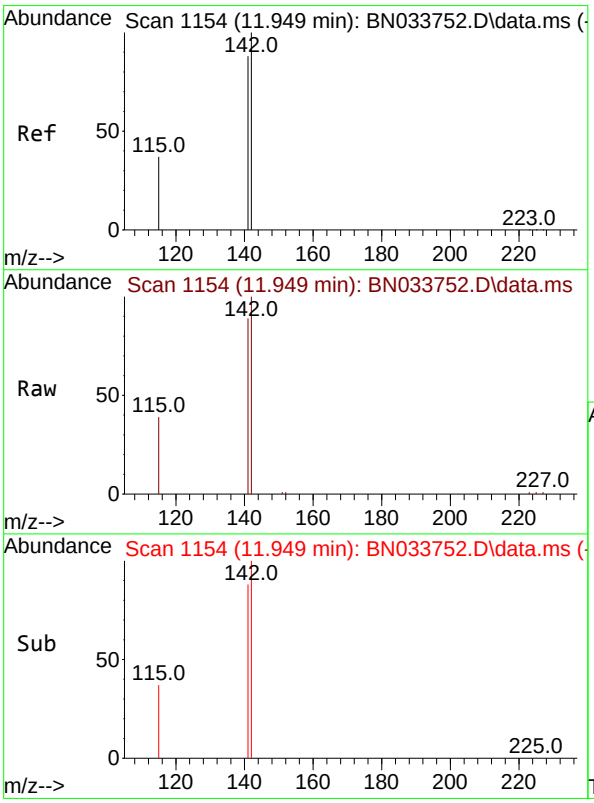
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 11.873 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8155

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

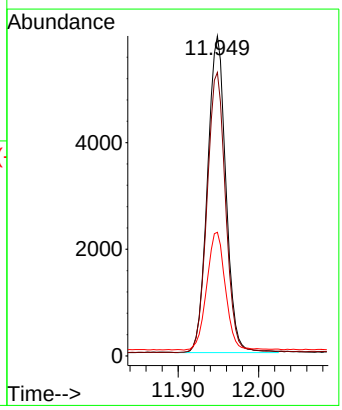


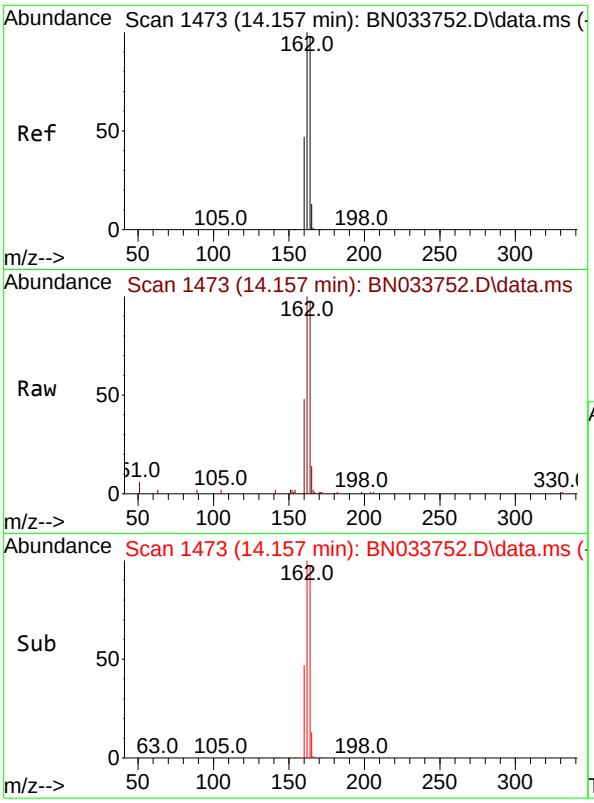


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 11.949 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:142 Resp: 9429

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
115	38.7	31.0	46.4



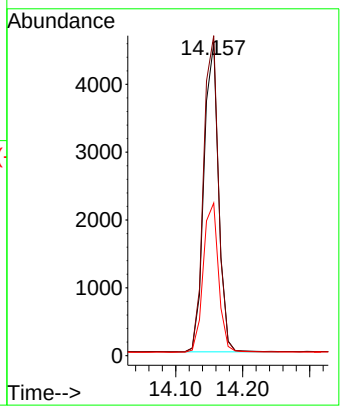


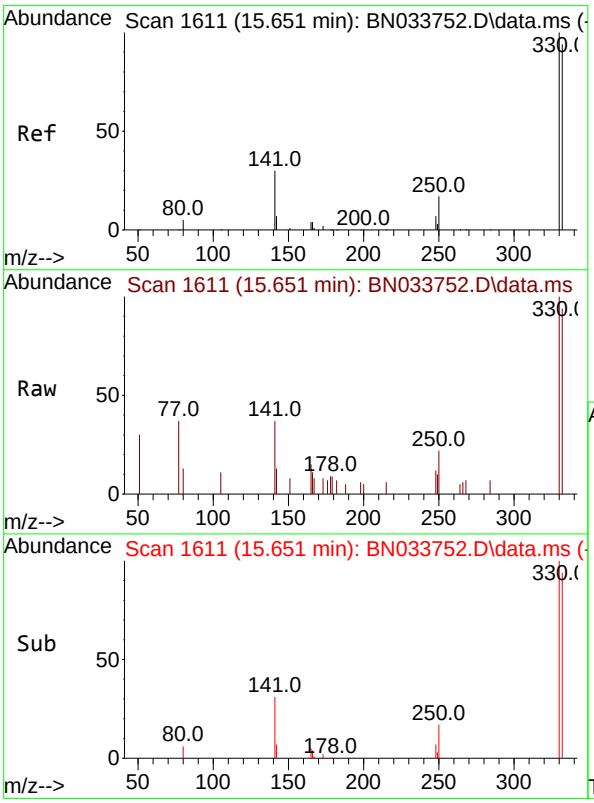
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.157 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 6901

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.0	123.0
160	48.9	39.1	58.7

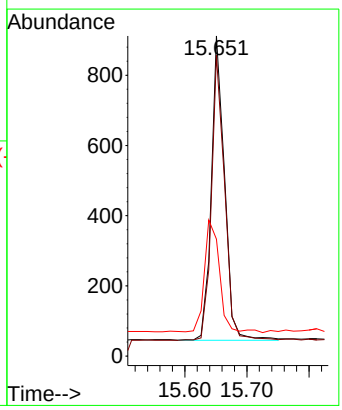


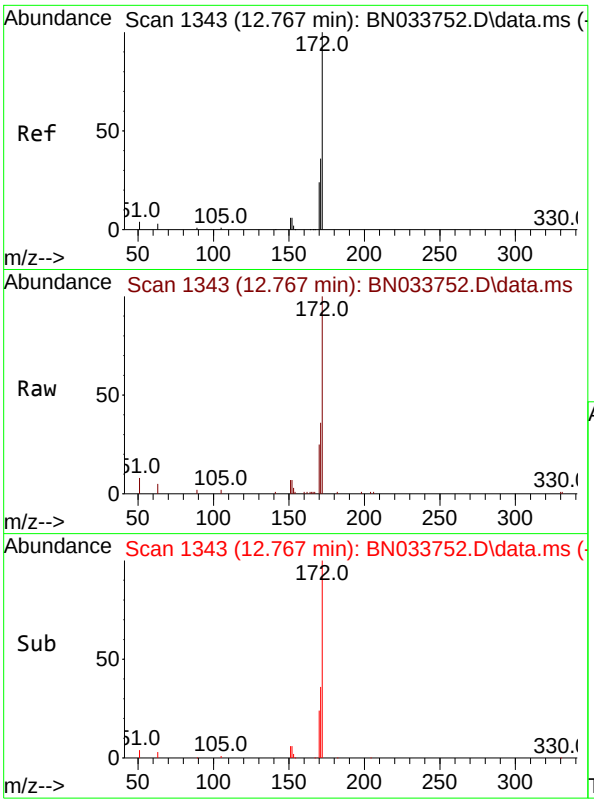


#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.651 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:330 Resp: 1285

Ion	Ratio	Lower	Upper
330	100		
332	92.8	74.2	111.4
141	42.4	33.9	50.9



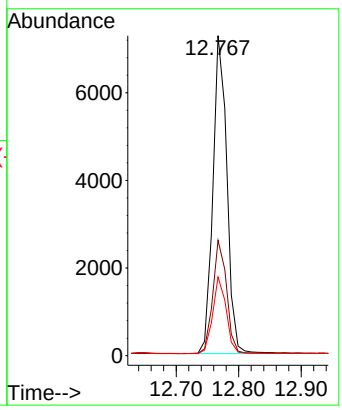


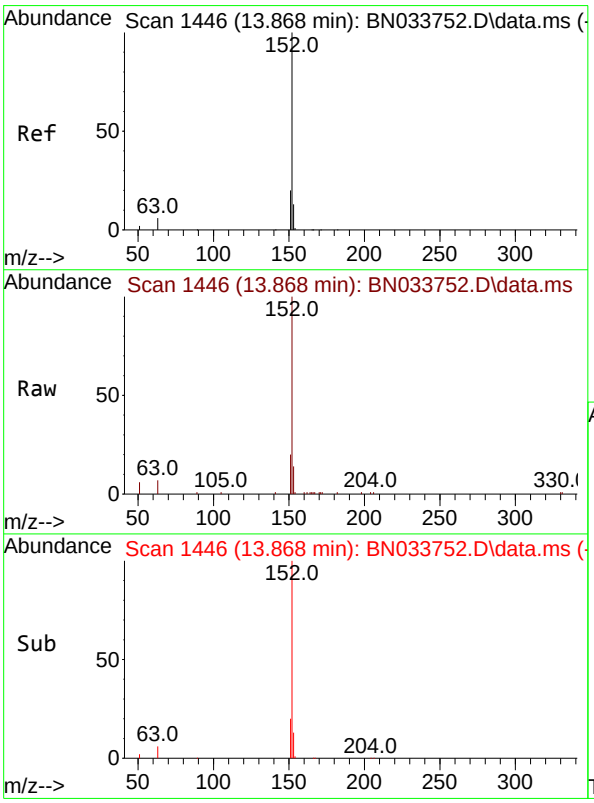
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.767 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 11245

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.6	19.7	29.5

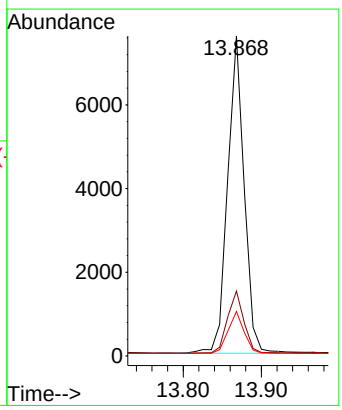


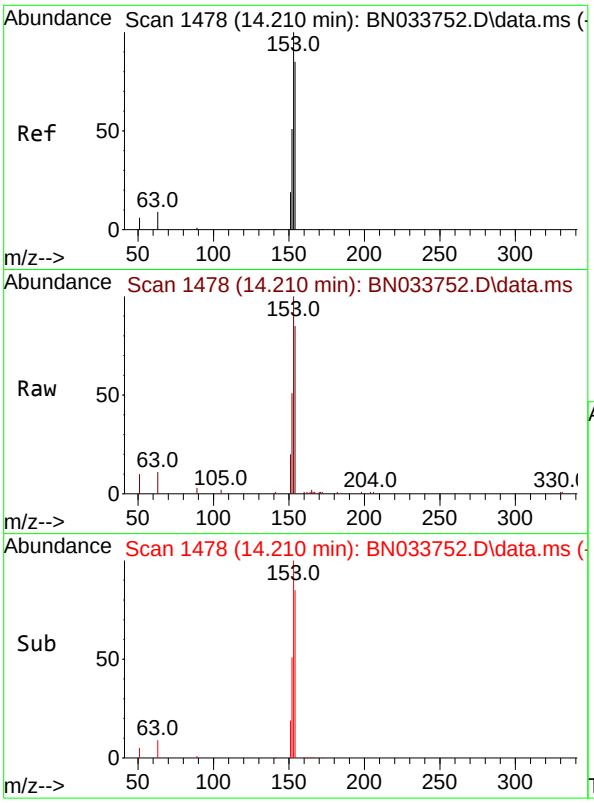


#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.868 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:152 Resp: 11157

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.9	10.3	15.5



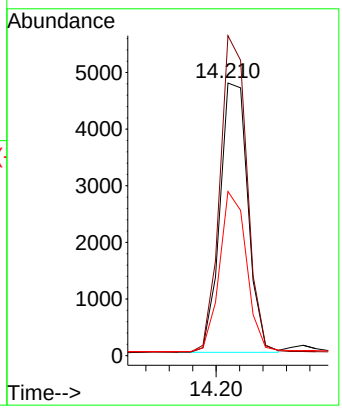


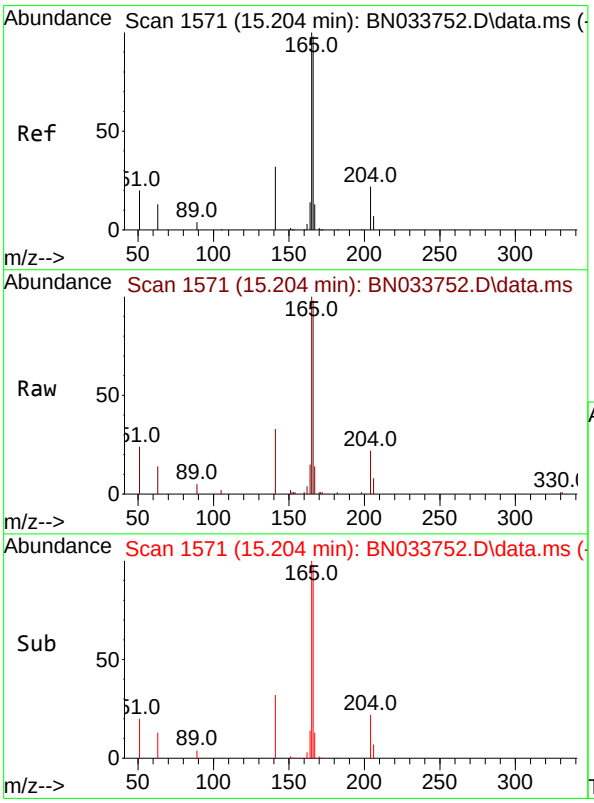
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 7861

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.4	137.2
152	57.2	45.8	68.6

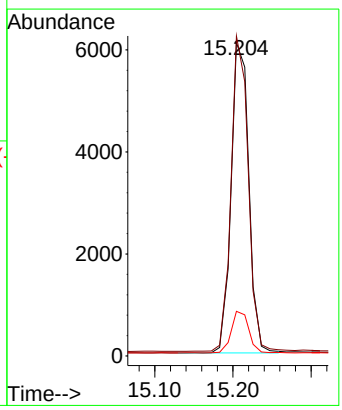


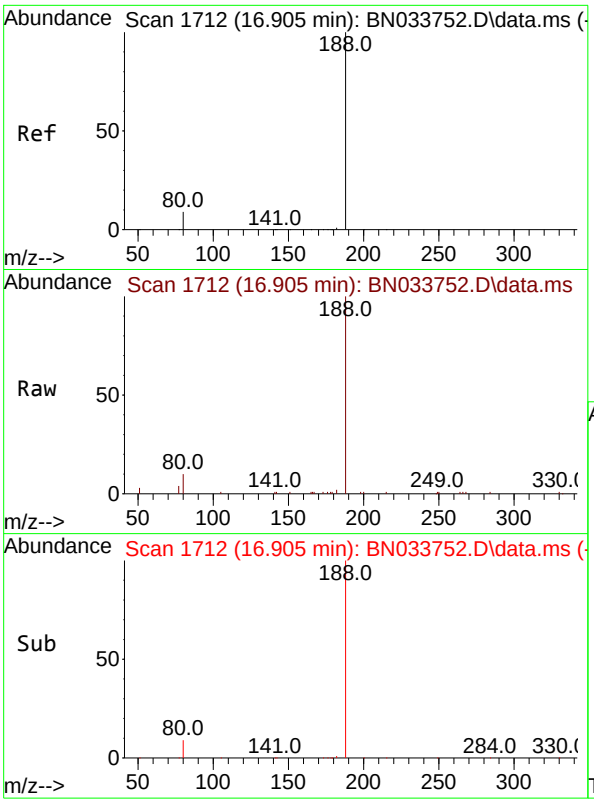


#18
Fluorene
Concen: 0.380 ng
RT: 15.204 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:166 Resp: 9594

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.2	10.6	16.0



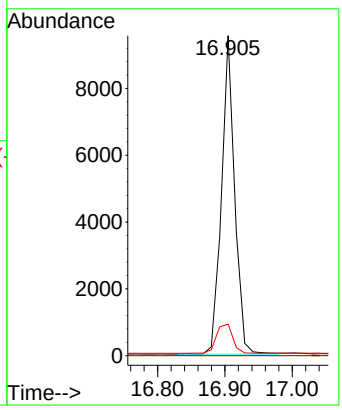


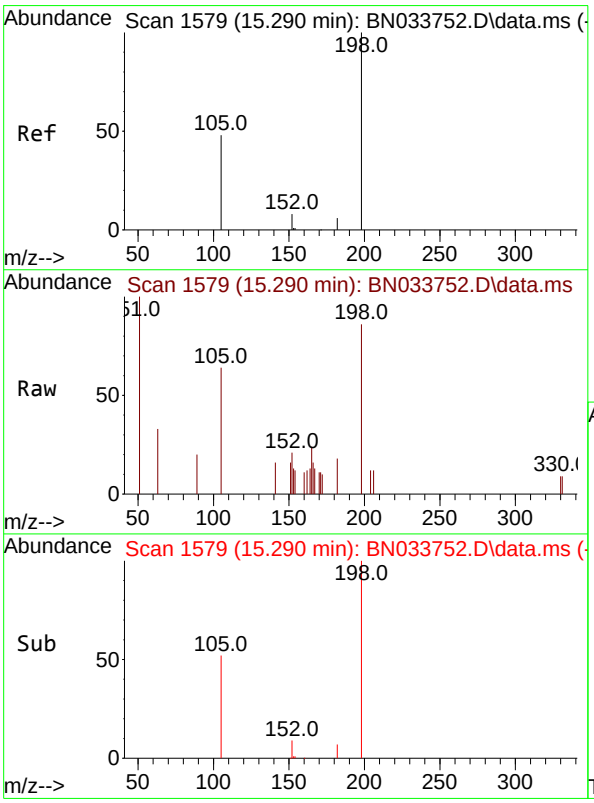
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 12880

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.9	11.9

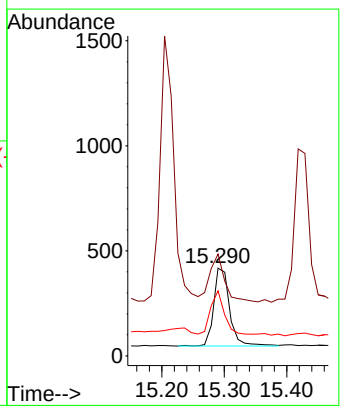


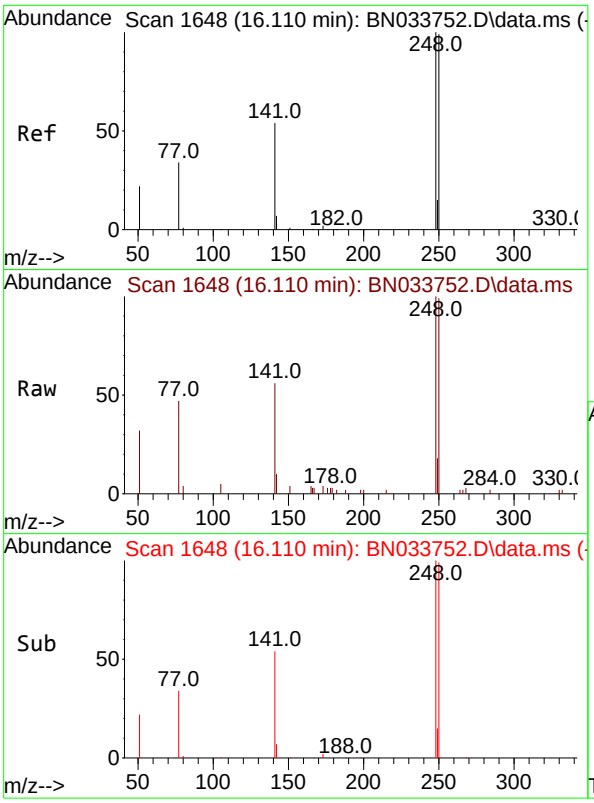


#20
4,6-Dinitro-2-methylphenol
Concen: 0.324 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:198 Resp: 658

Ion	Ratio	Lower	Upper
198	100		
51	116.0	92.8	139.2
105	74.2	59.4	89.0



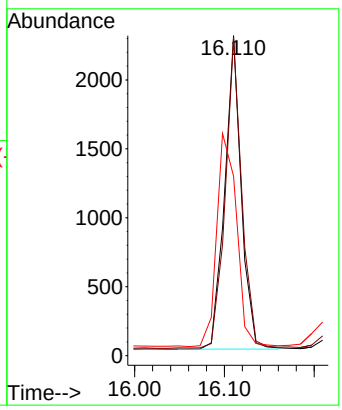


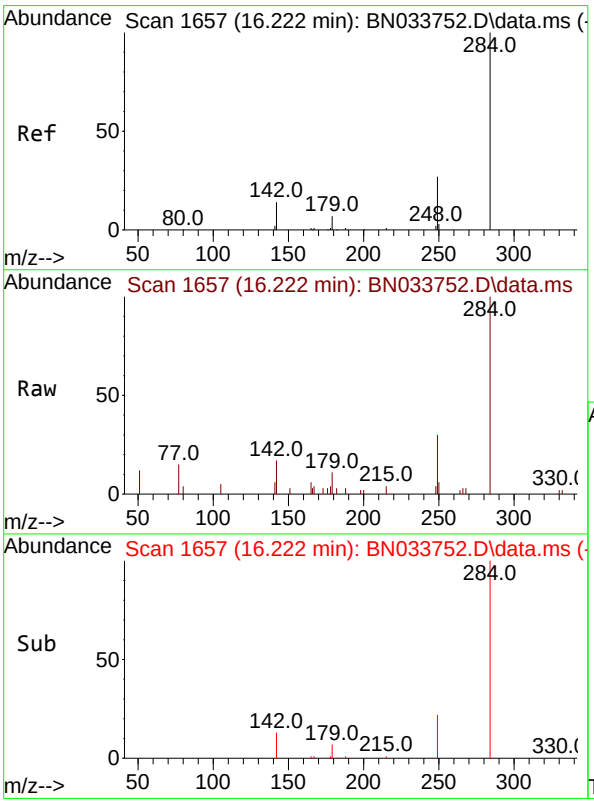
#21
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.110 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 2912

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.5	119.3
141	56.1	44.9	67.3

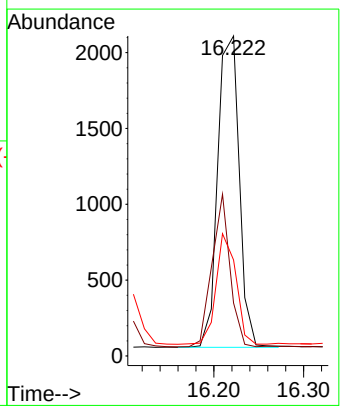


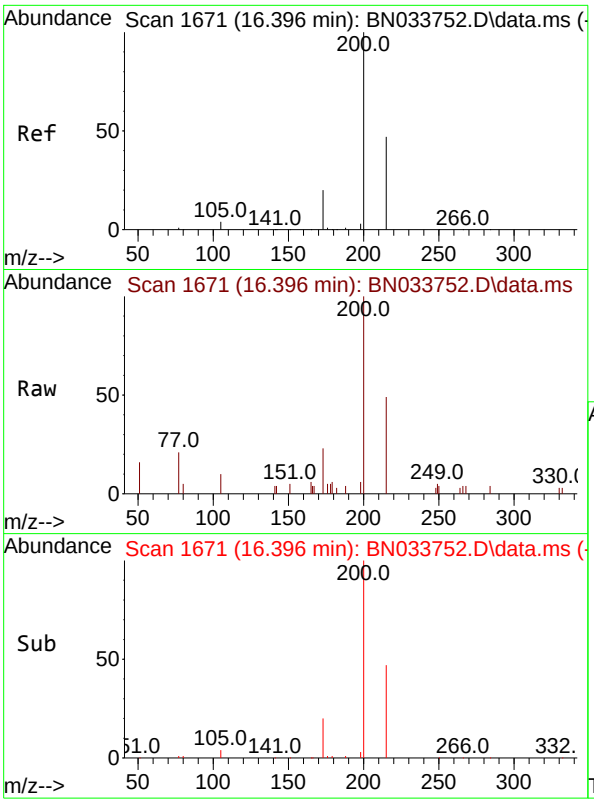


#22
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.222 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:284 Resp: 3427

Ion	Ratio	Lower	Upper
284	100		
142	41.1	32.8	49.2
249	32.7	26.2	39.2



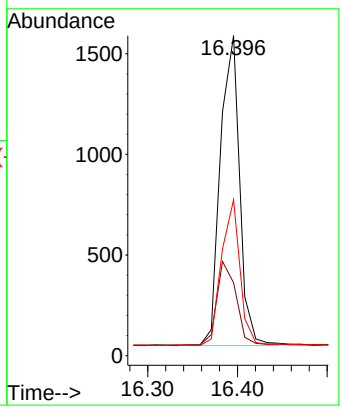


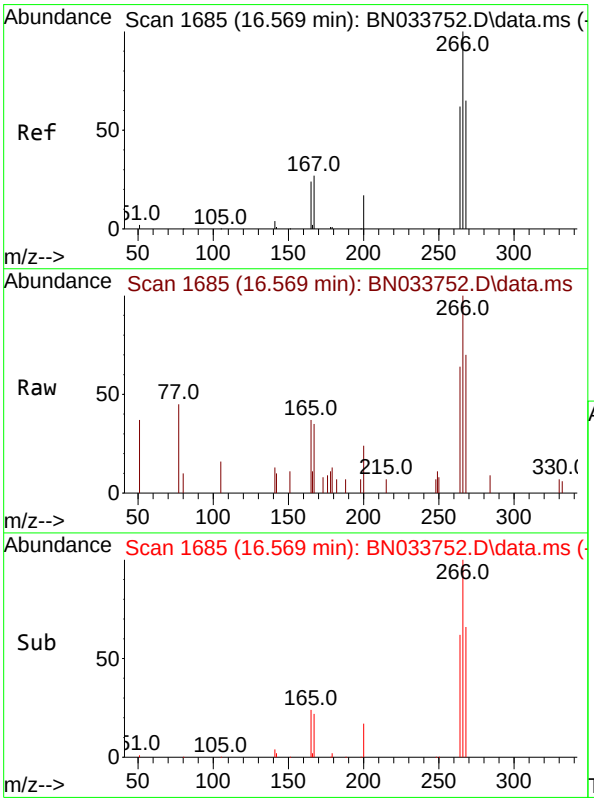
#23
Atrazine
Concen: 0.386 ng
RT: 16.396 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 2301

Ion	Ratio	Lower	Upper
200	100		
173	22.8	18.2	27.4
215	48.7	39.0	58.4

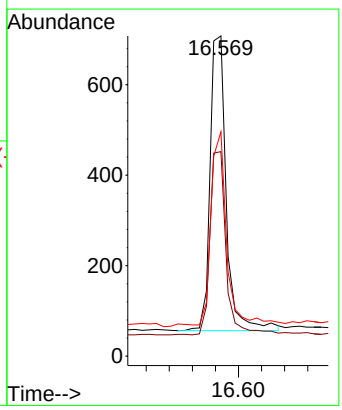


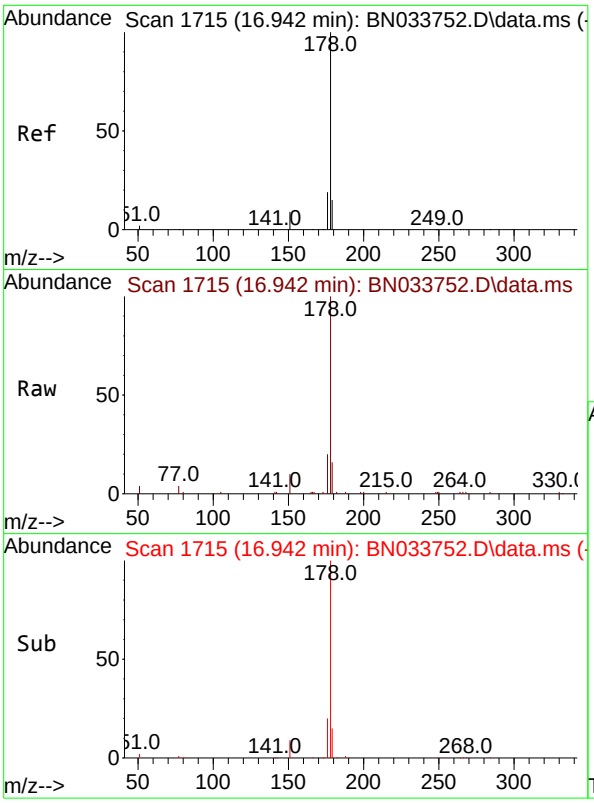


#24
Pentachlorophenol
Concen: 0.362 ng
RT: 16.569 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:266 Resp: 1266

Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.6	74.4
268	62.6	52.2	78.4



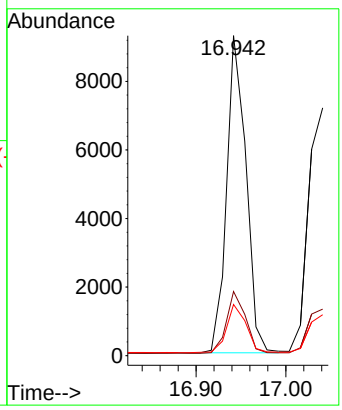


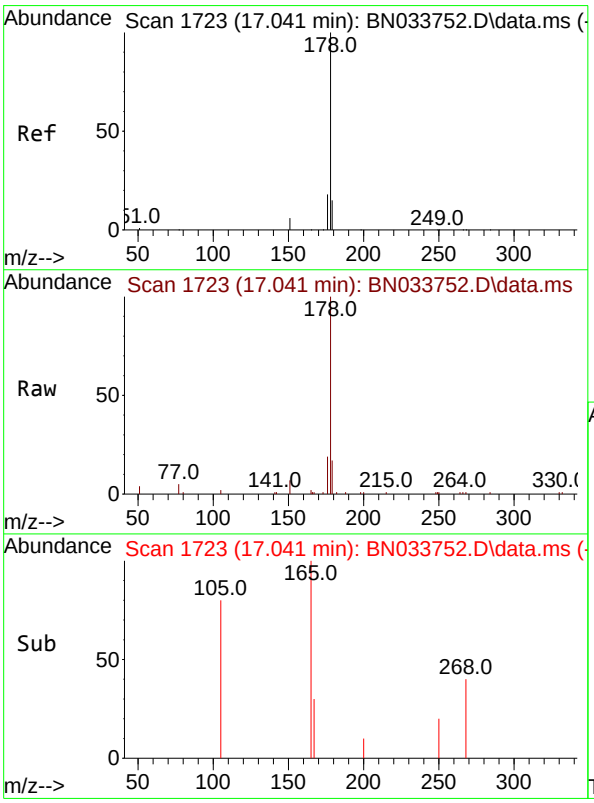
#25
Phenanthrene
Concen: 0.391 ng
RT: 16.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 13860

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.3	12.2	18.4

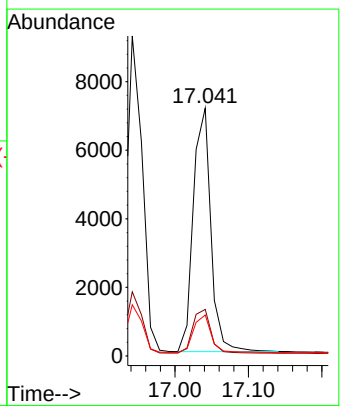


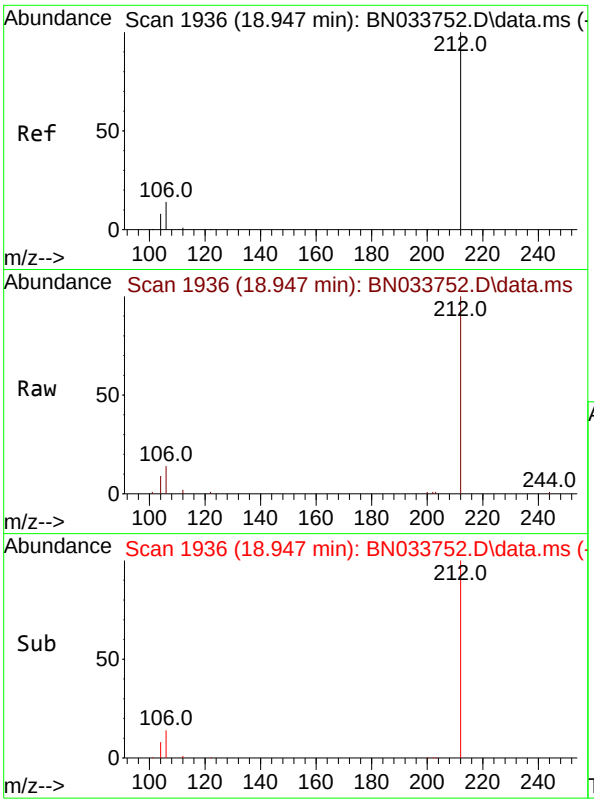


#26
Anthracene
Concen: 0.383 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:178 Resp: 11832

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.5	12.4	18.6



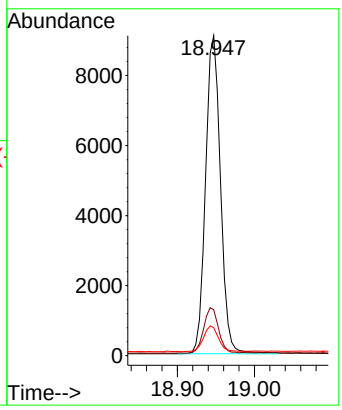


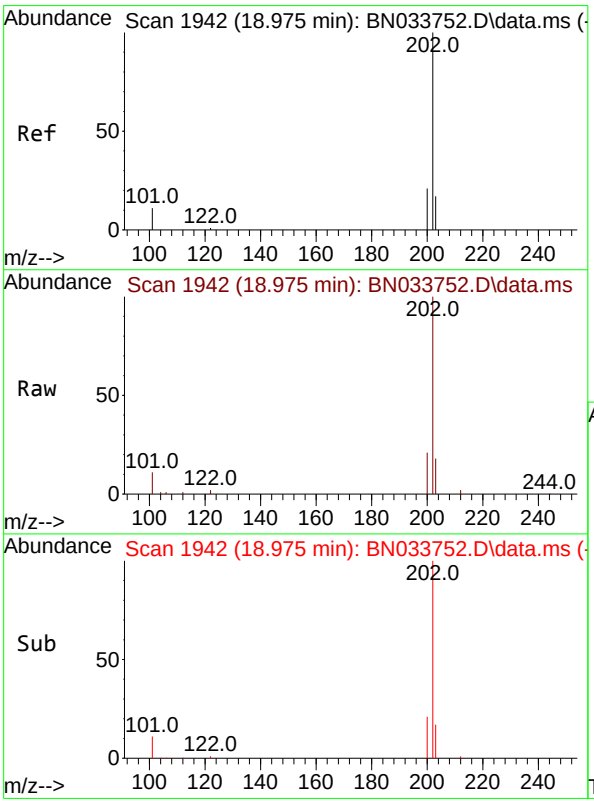
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.947 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 12231

Ion	Ratio	Lower	Upper
212	100		
106	14.4	11.5	17.3
104	8.2	6.6	9.8

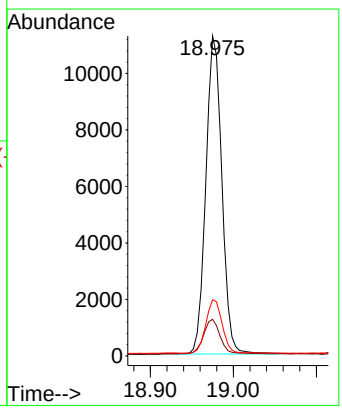


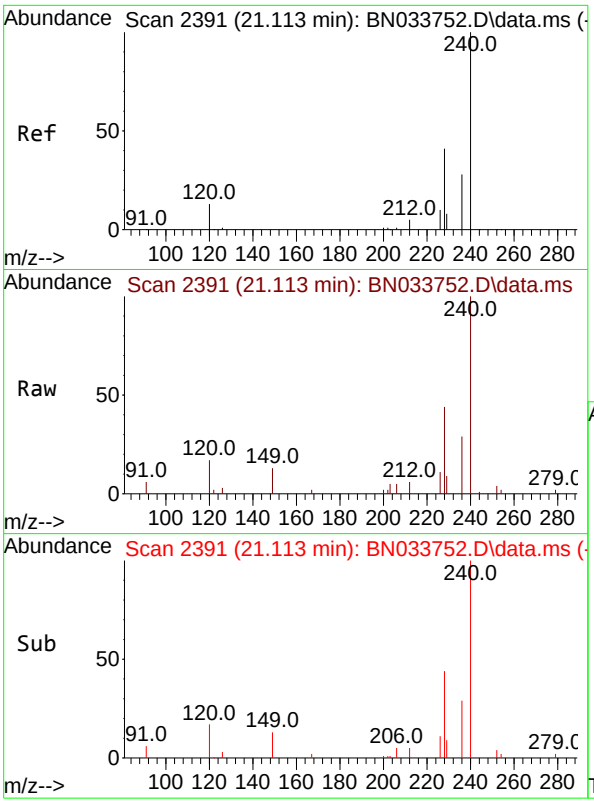


#28
Fluoranthene
Concen: 0.380 ng
RT: 18.975 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:202 Resp: 15133

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
203	17.2	13.8	20.6



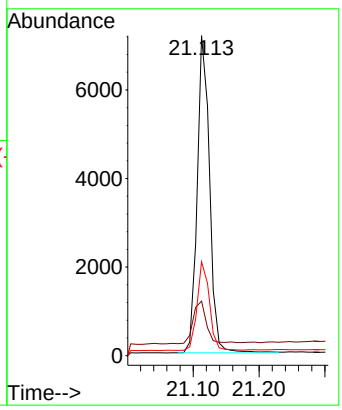


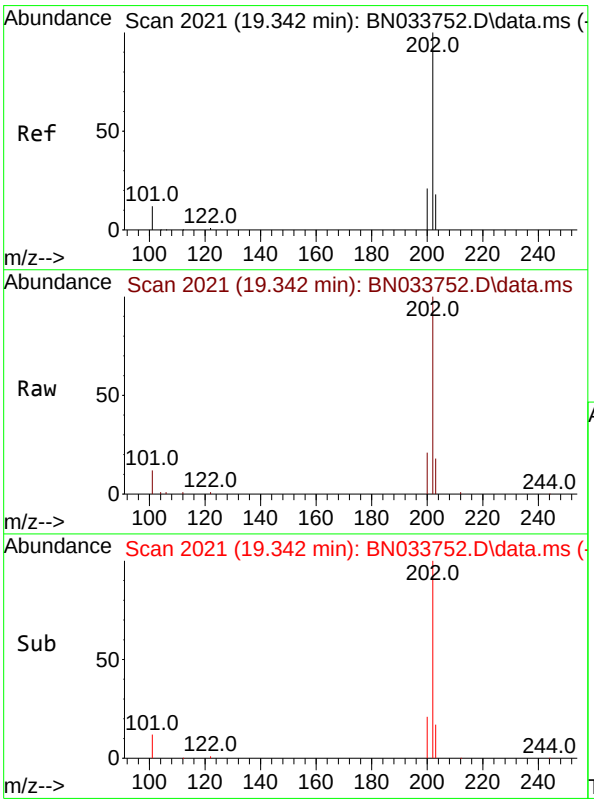
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.113 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 9360

Ion	Ratio	Lower	Upper
240	100		
120	17.1	13.7	20.5
236	29.3	23.4	35.2

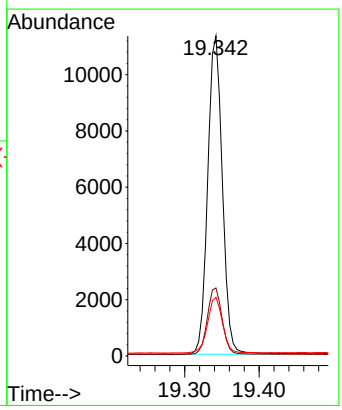


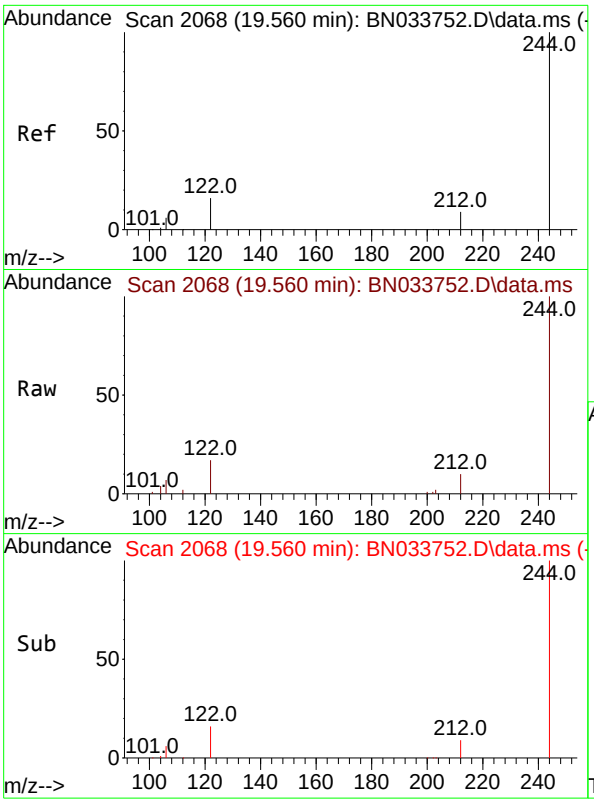


#30
Pyrene
Concen: 0.409 ng
RT: 19.342 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:202 Resp: 15421

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.0	14.4	21.6



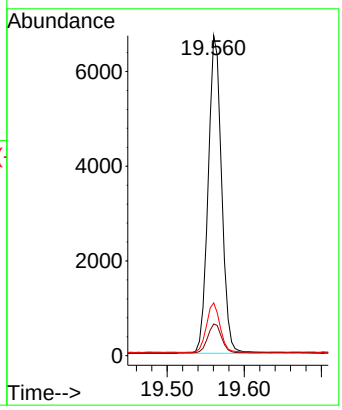


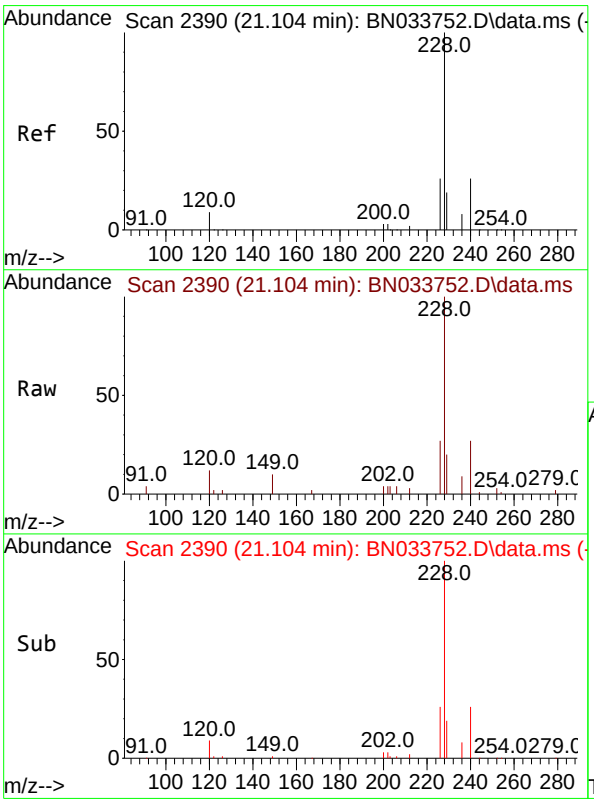
#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.560 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 8131

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	16.5	13.2	19.8

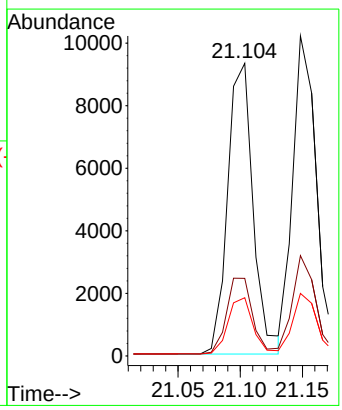


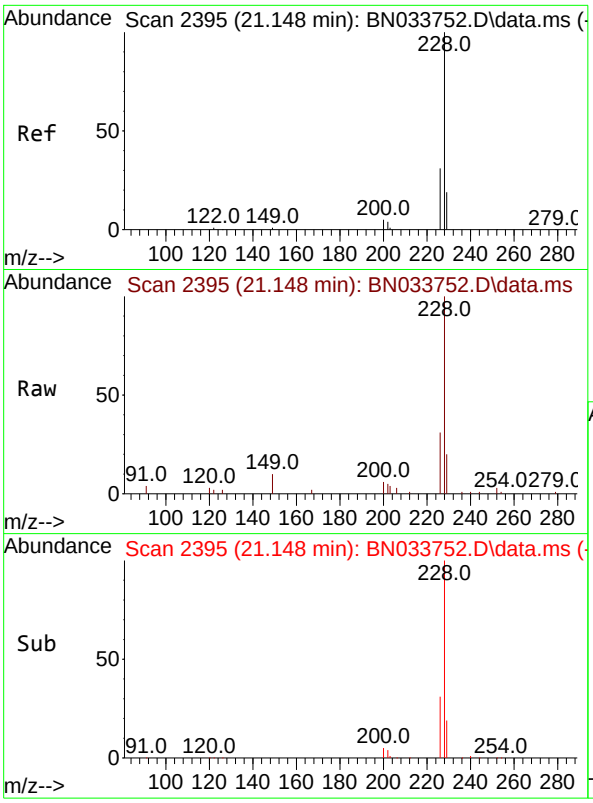


#32
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.104 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:228 Resp: 13254

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.9	15.9	23.9



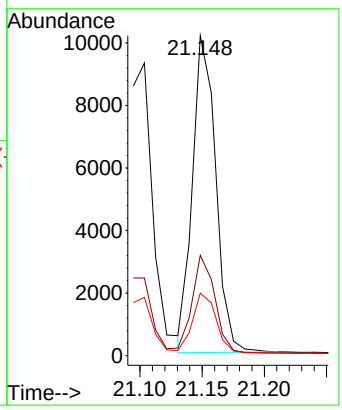


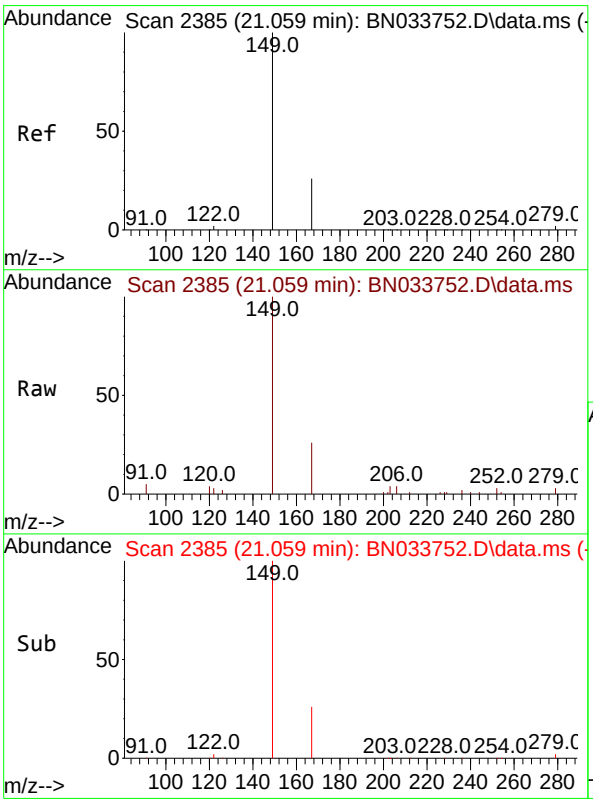
#33
Chrysene
Concen: 0.400 ng
RT: 21.148 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 13210

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.5	15.6	23.4

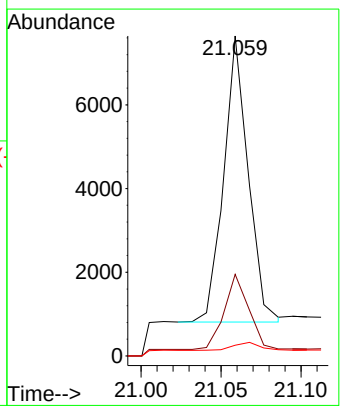


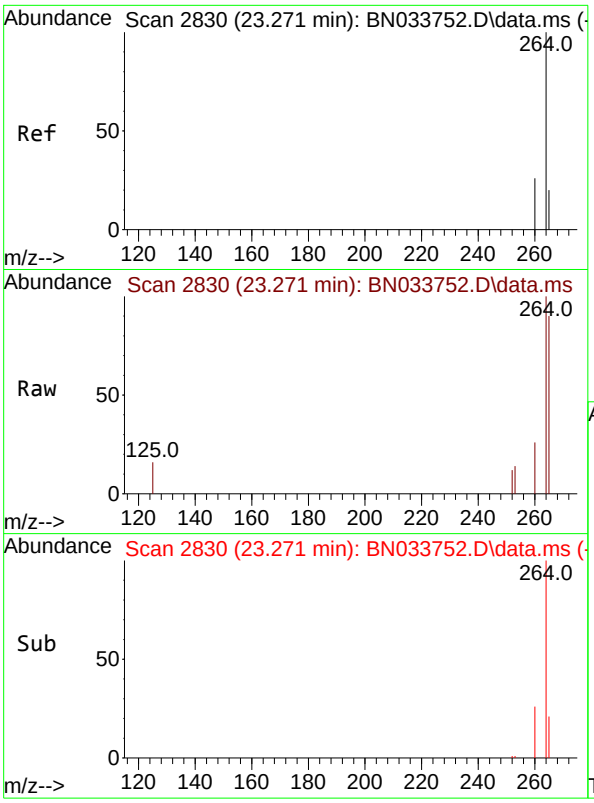


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.398 ng
RT: 21.059 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:149 Resp: 7254

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.0	2.4	3.6



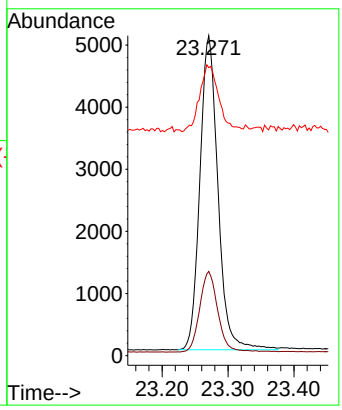


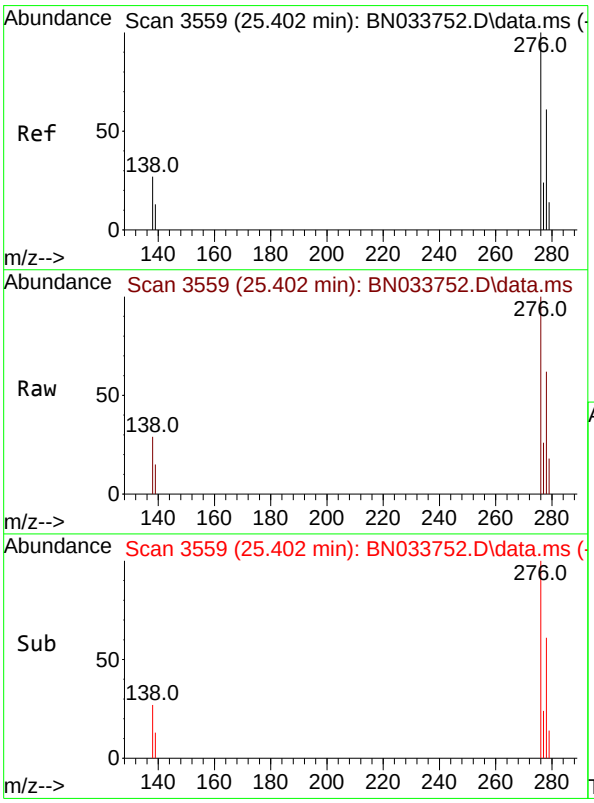
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.271 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 9625

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	90.0	72.0	108.0

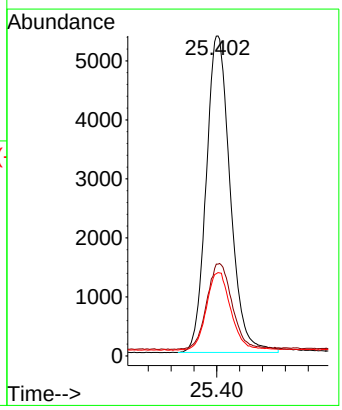


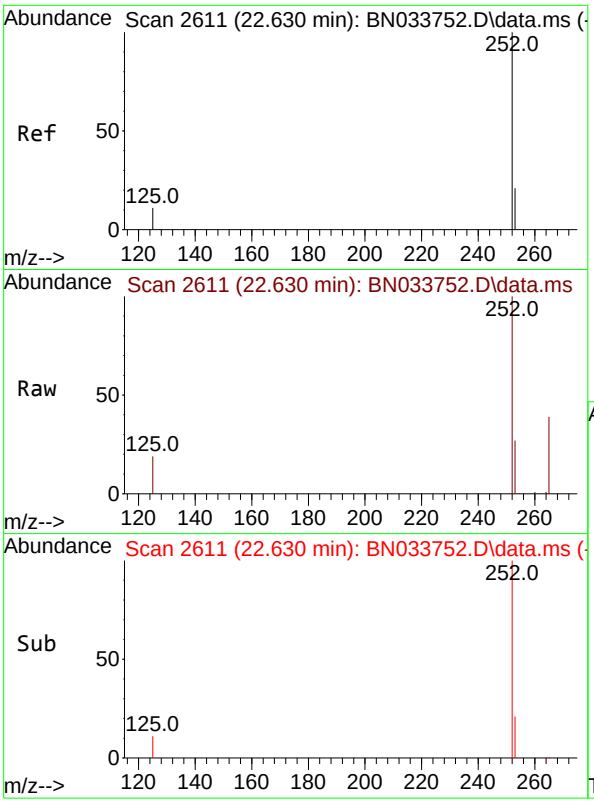


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 25.402 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:276 Resp: 15658

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.6
277	25.3	20.2	30.4



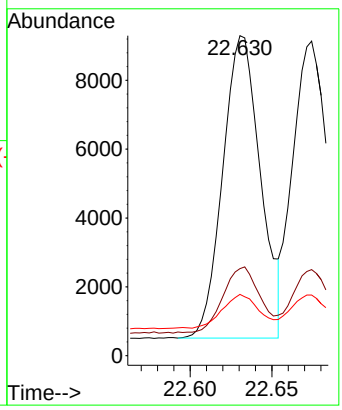


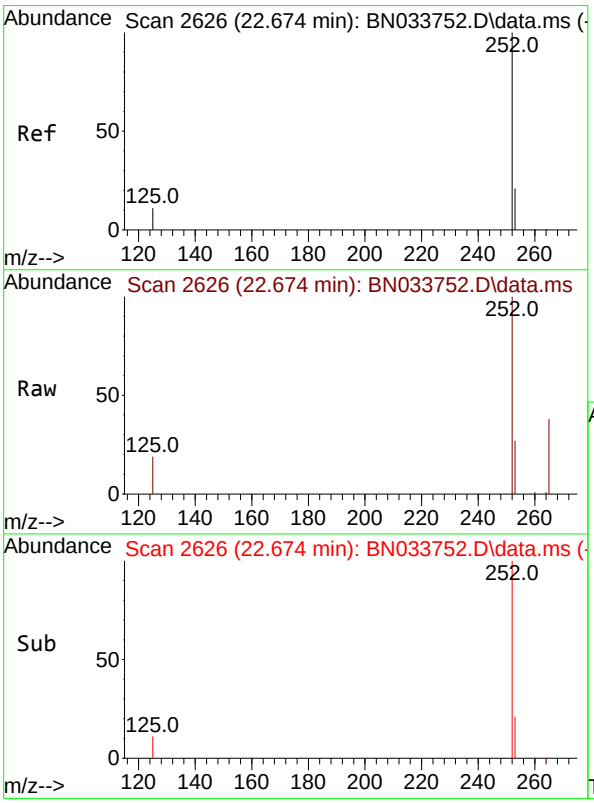
#37
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.630 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 14099

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.8	32.6
125	19.2	15.4	23.0

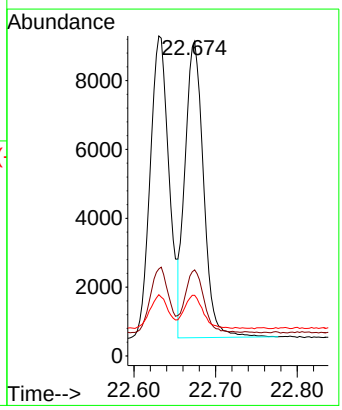


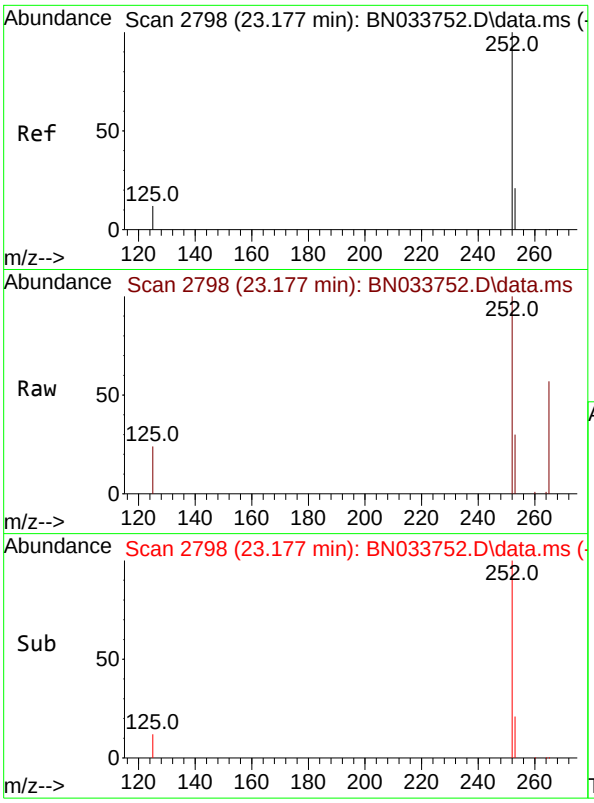


#38
Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 22.674 min Scan# 2626
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:252 Resp: 13545

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.8
125	19.3	15.4	23.2



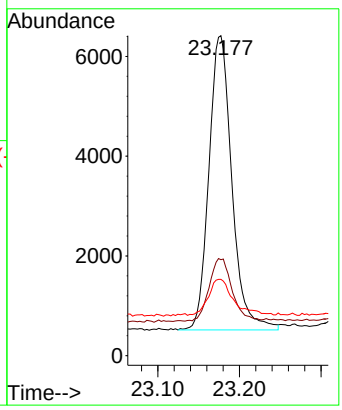


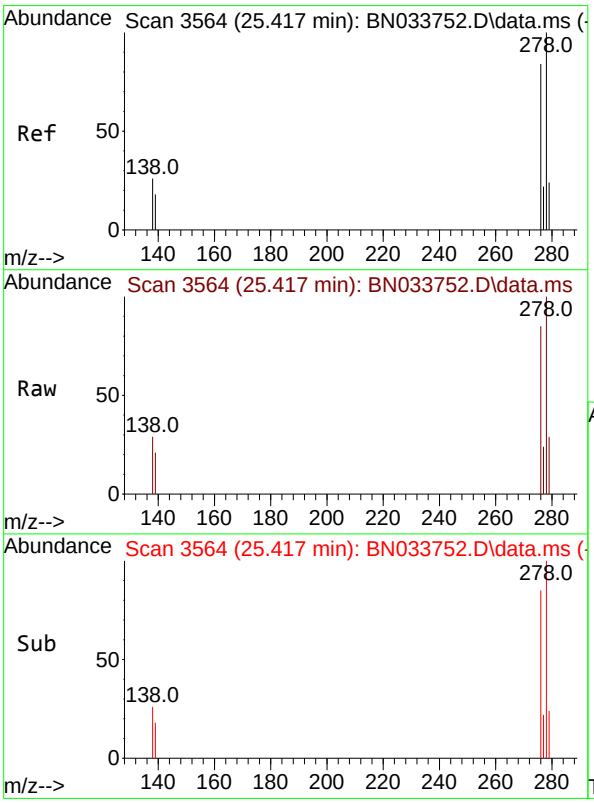
#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.177 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 11531

Ion	Ratio	Lower	Upper
252	100		
253	30.0	24.0	36.0
125	23.9	19.1	28.7

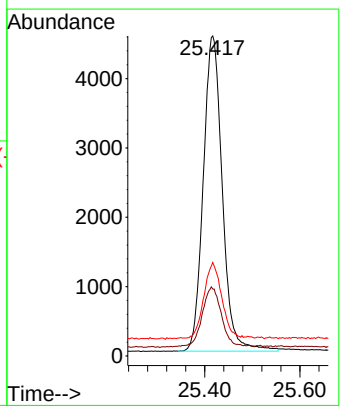


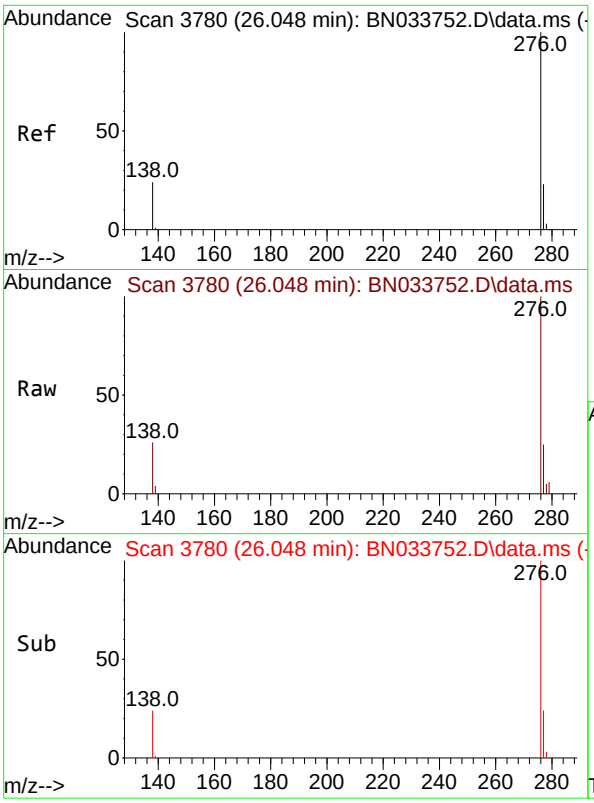


#40
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.417 min Scan# 3564
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Tgt Ion:278 Resp: 12626

Ion	Ratio	Lower	Upper
278	100		
139	20.9	16.7	25.1
279	29.2	23.4	35.0





#41
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.048 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN033752.D
Acq: 04 Sep 2024 14:42

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 13903

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.3	30.5
138	26.1	20.9	31.3