Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033678.D
Acq On : 29 Aug 2024 20:57
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Quant Time: Aug 29 23:36:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

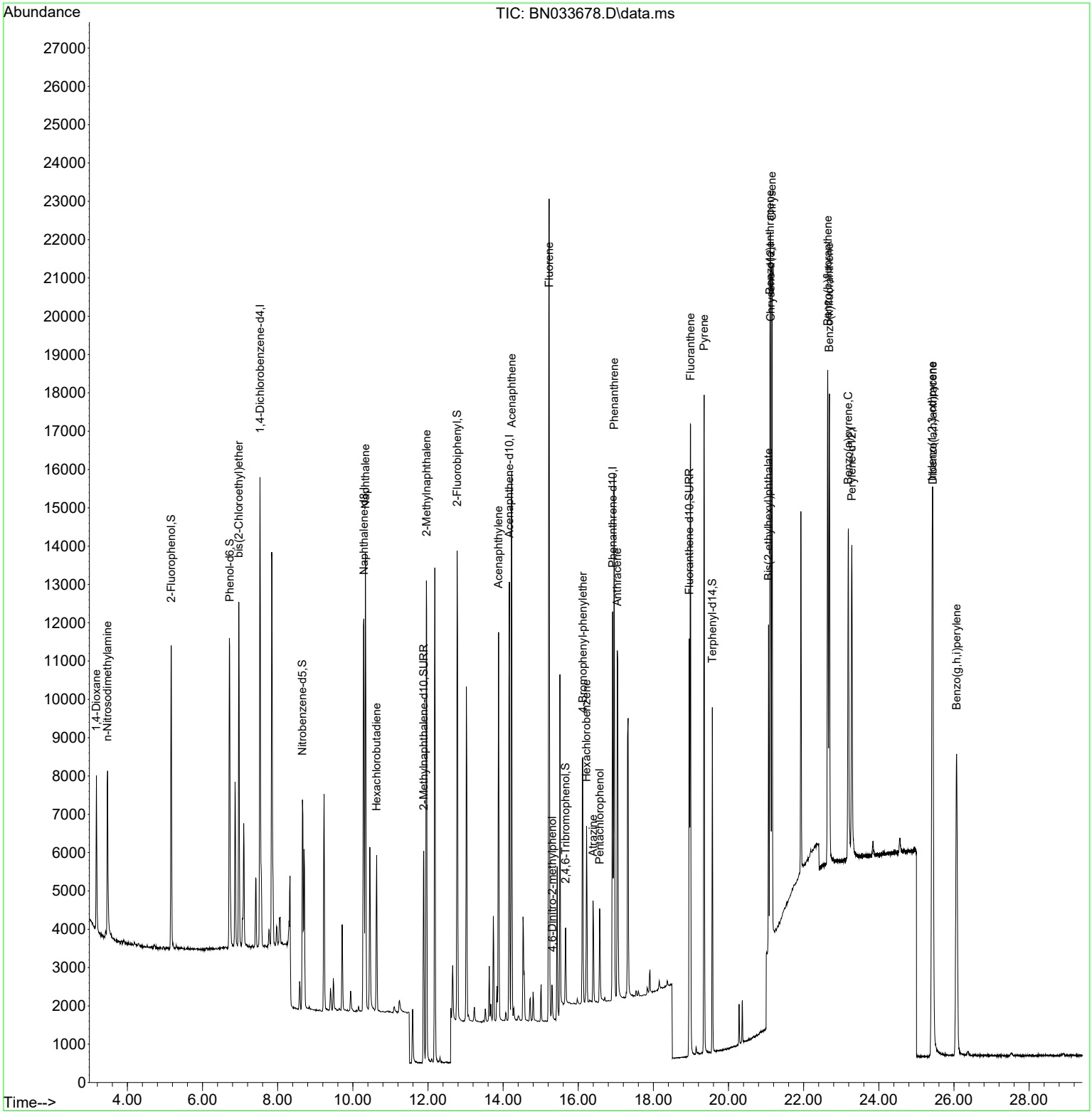
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.530	152	5662	0.400	ng		0.00
7) Naphthalene-d8	10.293	136	14337	0.400	ng		0.00
13) Acenaphthene-d10	14.167	164	6573	0.400	ng		0.00
19) Phenanthrene-d10	16.916	188	12733	0.400	ng		0.00
29) Chrysene-d12	21.121	240	9618	0.400	ng		0.00
35) Perylene-d12	23.282	264	10412	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.168	112	6300	0.370	ng		0.00
5) Phenol-d6	6.721	99	7378	0.367	ng		0.00
8) Nitrobenzene-d5	8.659	82	4512	0.378	ng		0.00
11) 2-Methylnaphthalene-d10	11.884	152	7746	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.663	330	1084	0.344	ng		0.00
15) 2-Fluorobiphenyl	12.777	172	10782	0.389	ng		0.00
27) Fluoranthene-d10	18.956	212	11955	0.381	ng		0.00
31) Terphenyl-d14	19.569	244	8007	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	2535	0.385	ng		98
3) n-Nitrosodimethylamine	3.464	42	2881	0.373	ng		97
6) bis(2-Chloroethyl)ether	6.967	93	5899	0.384	ng		99
9) Naphthalene	10.335	128	14778	0.385	ng		100
10) Hexachlorobutadiene	10.634	225	3093	0.389	ng	#	99
12) 2-Methylnaphthalene	11.960	142	8941	0.378	ng		99
16) Acenaphthylene	13.878	152	10496	0.369	ng		100
17) Acenaphthene	14.231	154	7528	0.380	ng		99
18) Fluorene	15.225	166	9299	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.311	198	666	0.345	ng	#	75
21) 4-Bromophenyl-phenylether	16.122	248	2817	0.383	ng		98
22) Hexachlorobenzene	16.221	284	3301	0.393	ng		100
23) Atrazine	16.395	200	2155	0.367	ng		100
24) Pentachlorophenol	16.569	266	1218	0.321	ng		96
25) Phenanthrene	16.954	178	13518	0.382	ng		100
26) Anthracene	17.041	178	11278	0.368	ng		100
28) Fluoranthene	18.988	202	15017	0.377	ng		99
30) Pyrene	19.351	202	15376	0.395	ng		100
32) Benzo(a)anthracene	21.103	228	13167	0.388	ng		99
33) Chrysene	21.157	228	13955	0.402	ng		100
34) Bis(2-ethylhexyl)phtha...	21.067	149	12071	0.628	ng	#	79
36) Indeno(1,2,3-cd)pyrene	25.422	276	17861	0.400	ng		100
37) Benzo(b)fluoranthene	22.642	252	14959	0.391	ng		99
38) Benzo(k)fluoranthene	22.683	252	14676	0.391	ng		99
39) Benzo(a)pyrene	23.188	252	12280	0.384	ng		100
40) Dibenzo(a,h)anthracene	25.440	278	14210	0.399	ng		99
41) Benzo(g,h,i)perylene	26.071	276	15379	0.398	ng		99

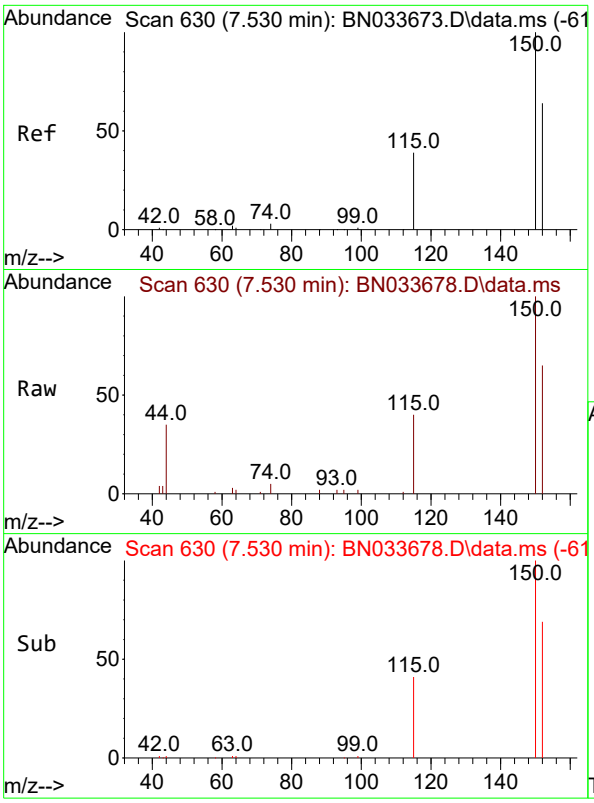
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033678.D
Acq On : 29 Aug 2024 20:57
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Quant Time: Aug 29 23:36:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration



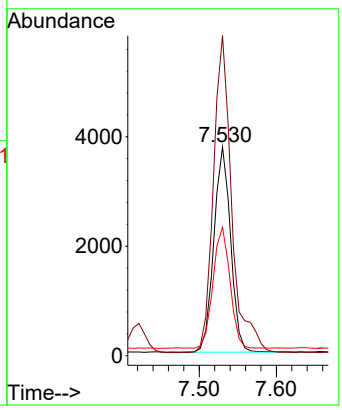


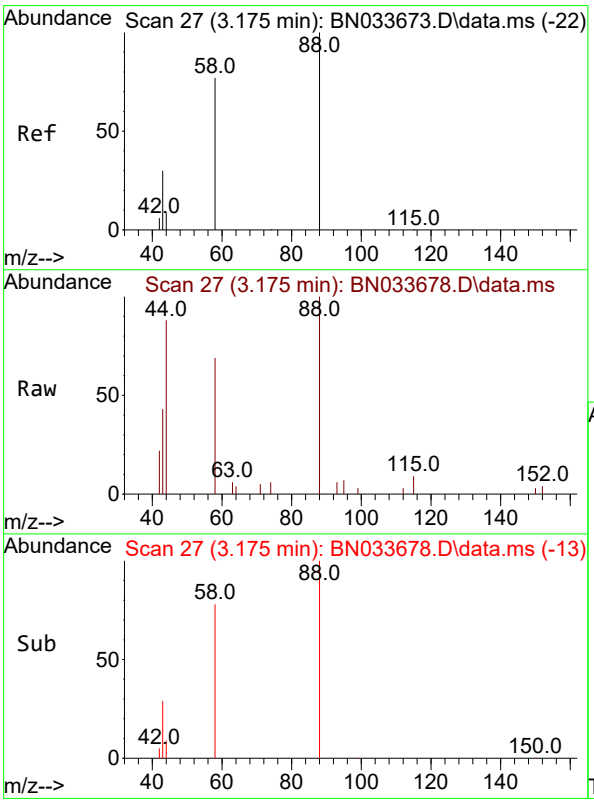
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.530 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:152 Resp: 5662

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.4	185.0
115	61.6	51.3	76.9

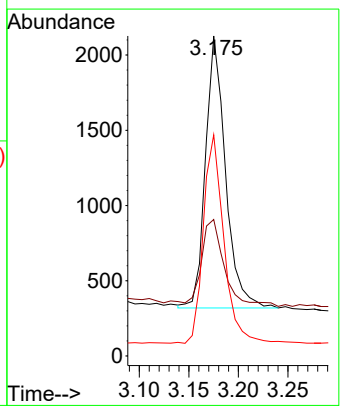


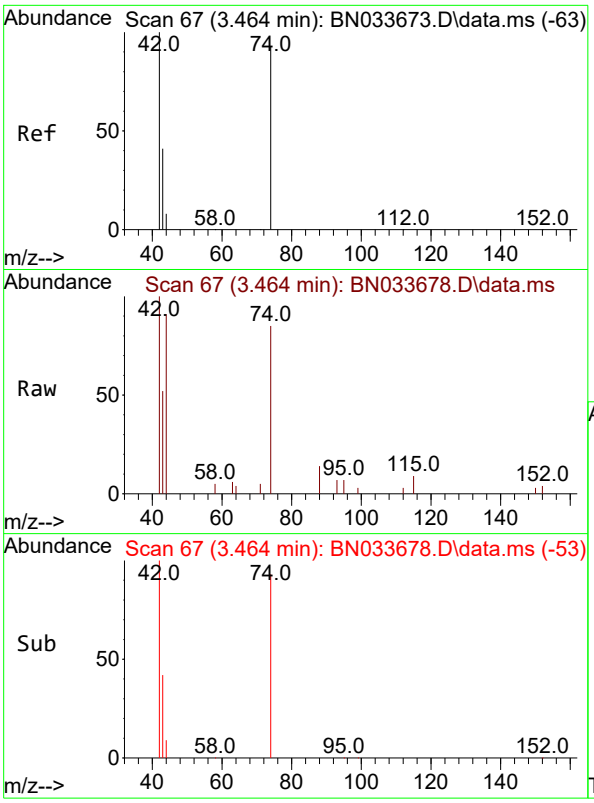


#2
1,4-Dioxane
Concen: 0.385 ng
RT: 3.175 min Scan# 27
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion: 88 Resp: 2535

Ion	Ratio	Lower	Upper
88	100		
43	36.0	26.8	40.2
58	78.3	63.4	95.0



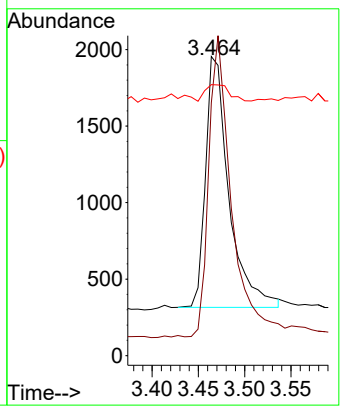


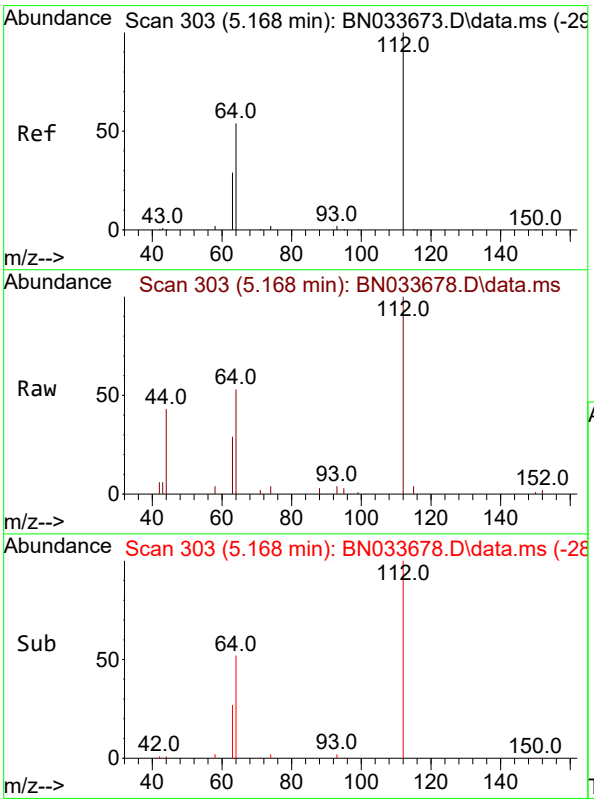
#3
n-Nitrosodimethylamine
Concen: 0.373 ng
RT: 3.464 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion: 42 Resp: 2881

Ion	Ratio	Lower	Upper
42	100		
74	117.8	91.8	137.6
44	6.8	6.2	9.4

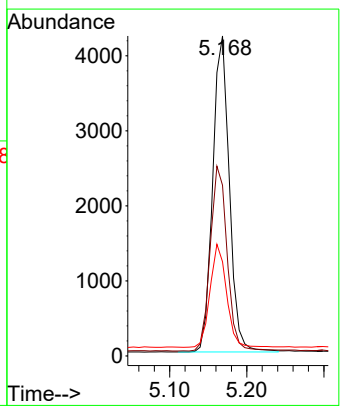


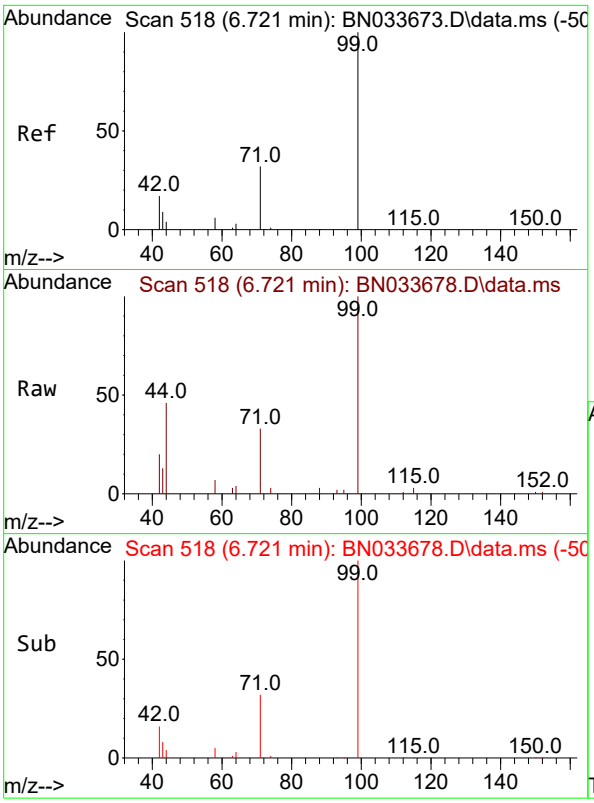


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.168 min Scan# 303
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:112 Resp: 6300

Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.6	72.8
63	32.3	26.6	39.8



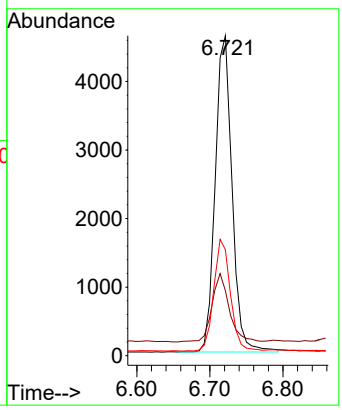


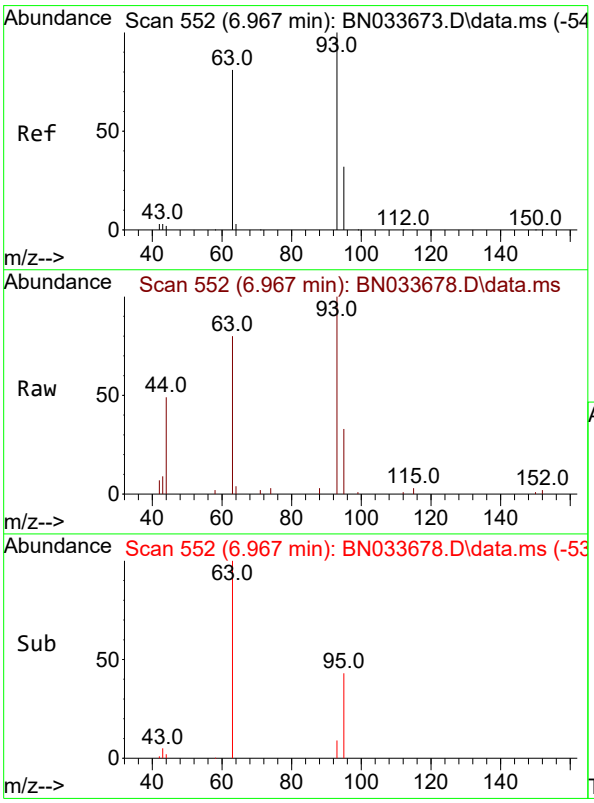
#5
Phenol-d6
Concen: 0.367 ng
RT: 6.721 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion: 99 Resp: 7378

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.8	26.8
71	35.0	28.0	42.0

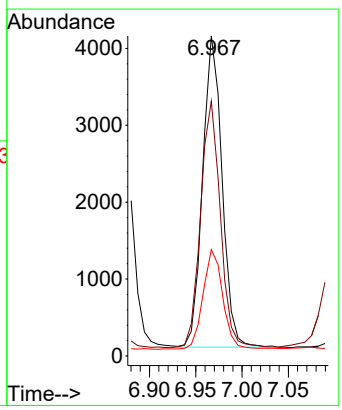


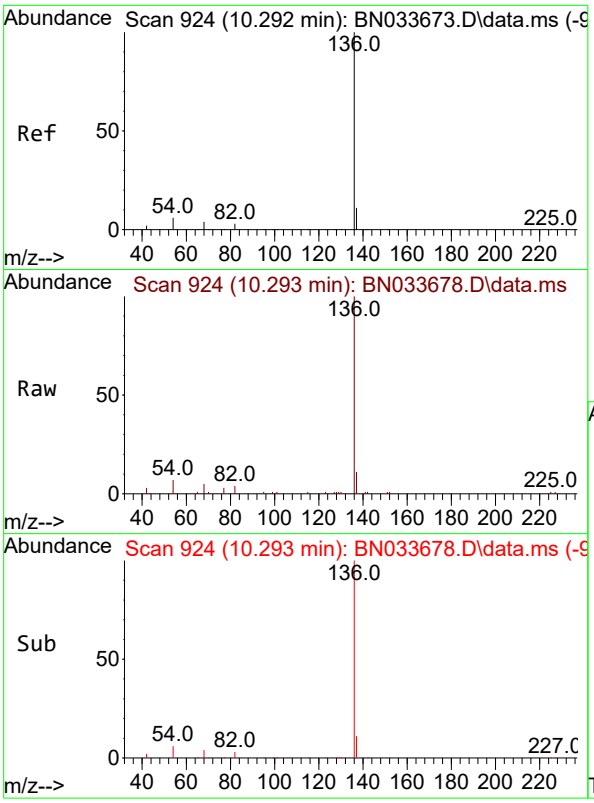


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 6.967 min Scan# 552
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion: 93 Resp: 5899

Ion	Ratio	Lower	Upper
93	100		
63	80.7	63.9	95.9
95	32.8	26.4	39.6



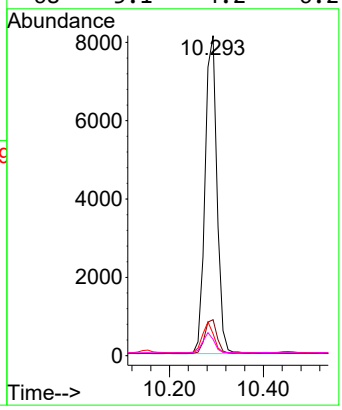


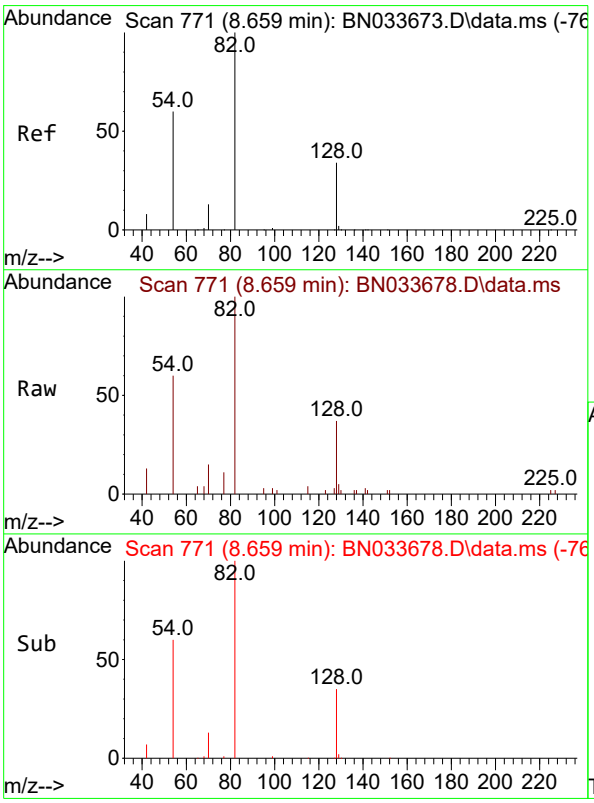
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.293 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:136 Resp: 14337

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.8	5.8	8.6
68	5.1	4.2	6.2

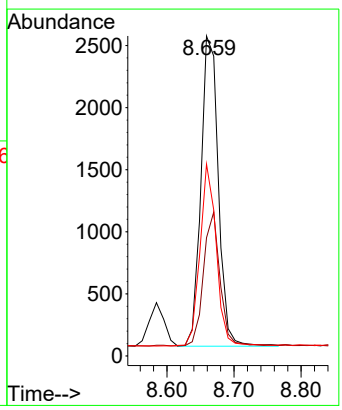


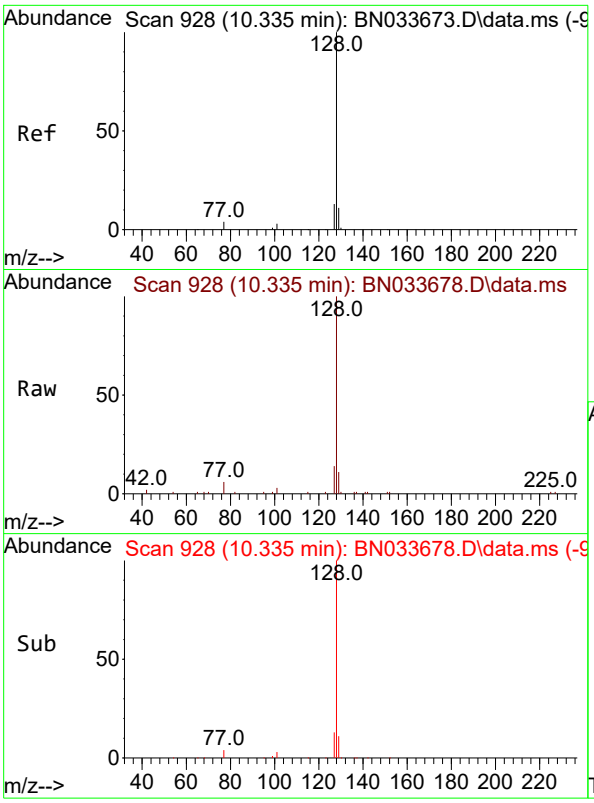


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion: 82 Resp: 4512

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.3	43.9
54	60.0	49.4	74.0



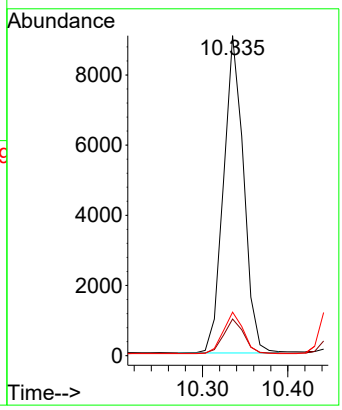


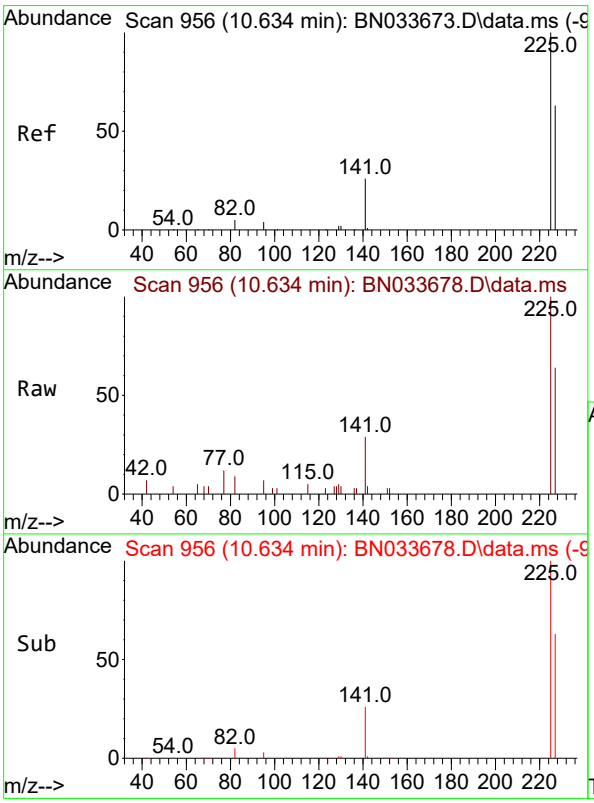
#9
Naphthalene
Concen: 0.385 ng
RT: 10.335 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:128 Resp: 14778

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.6	11.0	16.4

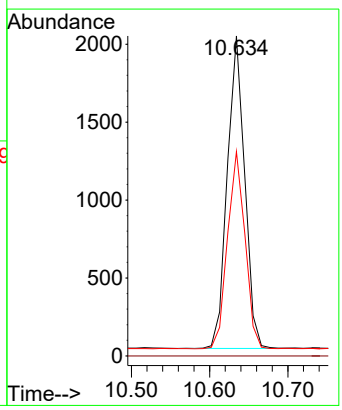


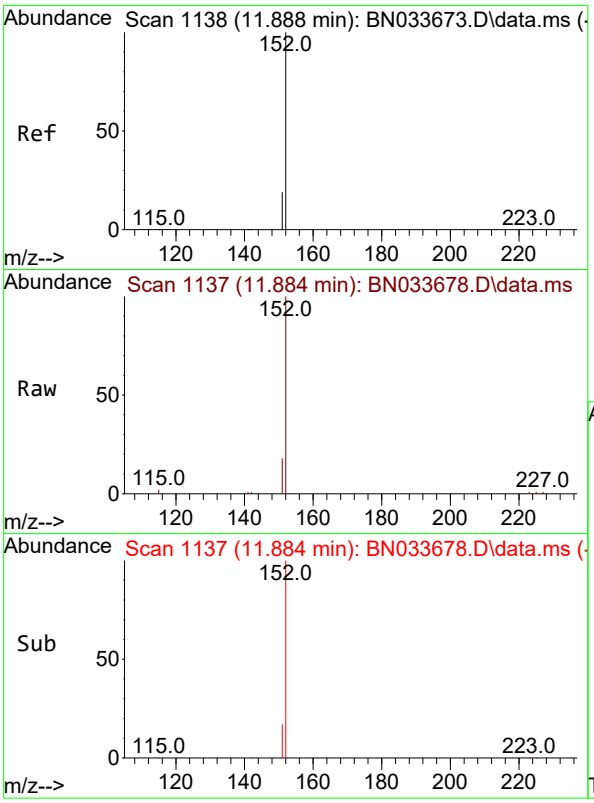


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 10.634 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:225 Resp: 3093

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.4	77.0



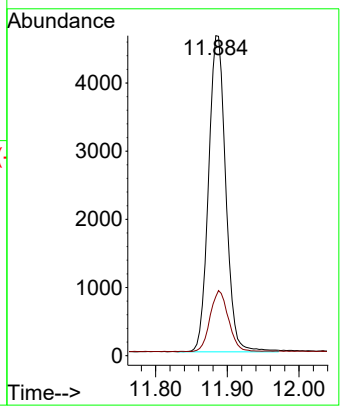


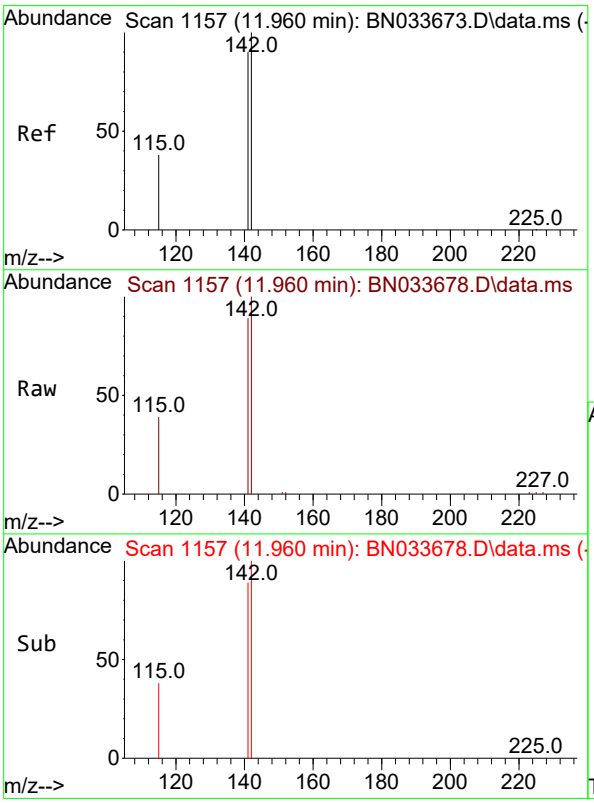
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 11.884 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:152 Resp: 7746

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

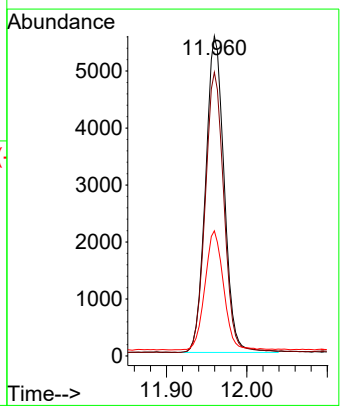


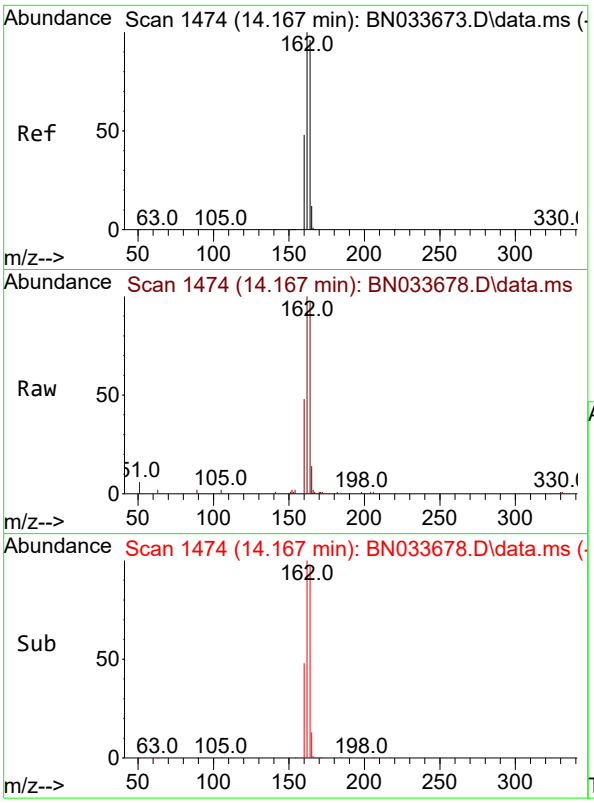


#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 11.960 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:142 Resp: 8941

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.8	107.8
115	39.1	31.4	47.0



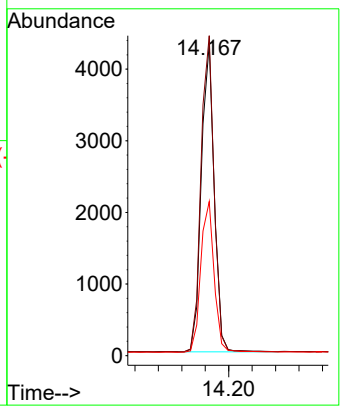


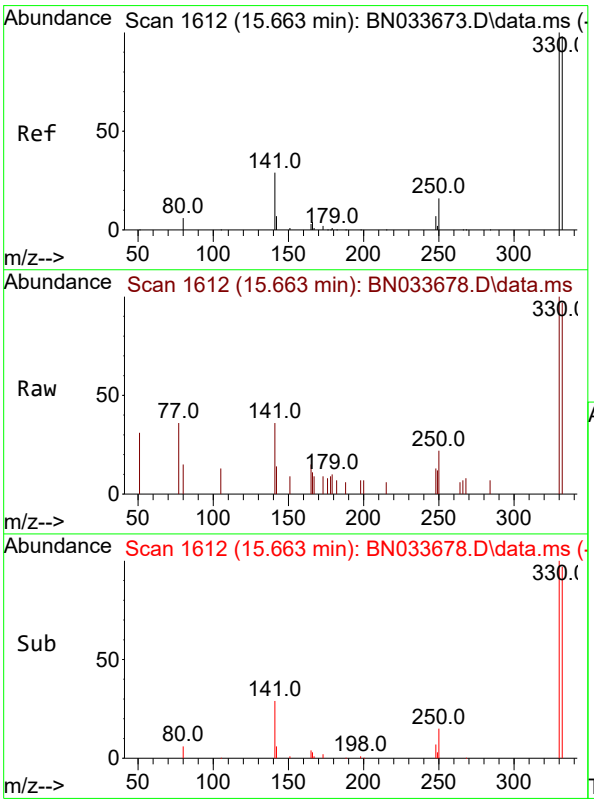
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.167 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:164 Resp: 6573

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.4	125.2
160	49.4	40.2	60.2

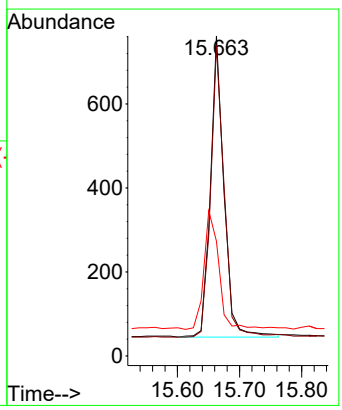


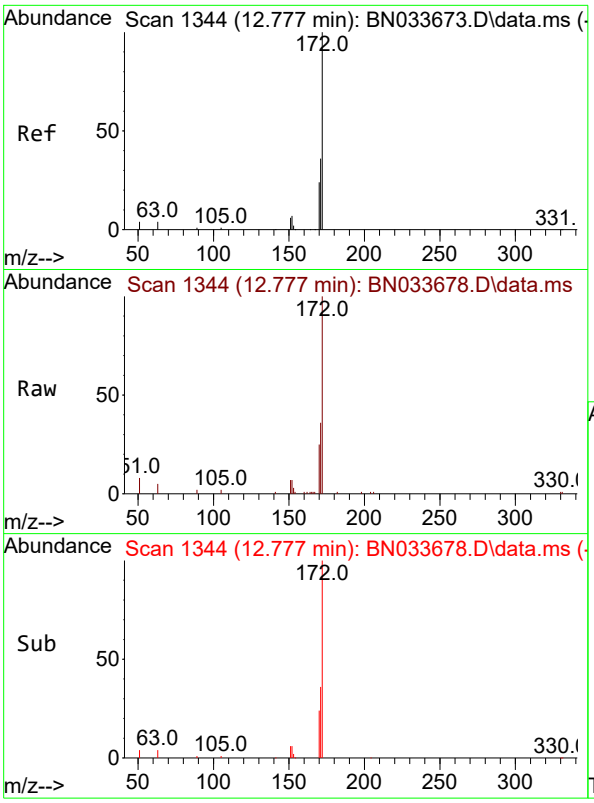


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:330 Resp: 1084

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.6	118.0
141	44.1	35.0	52.6



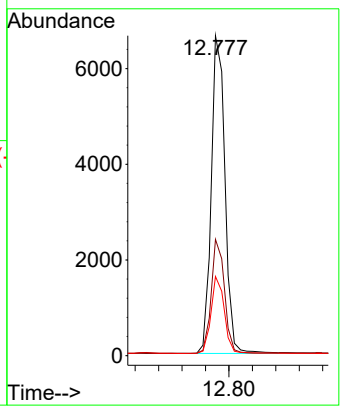


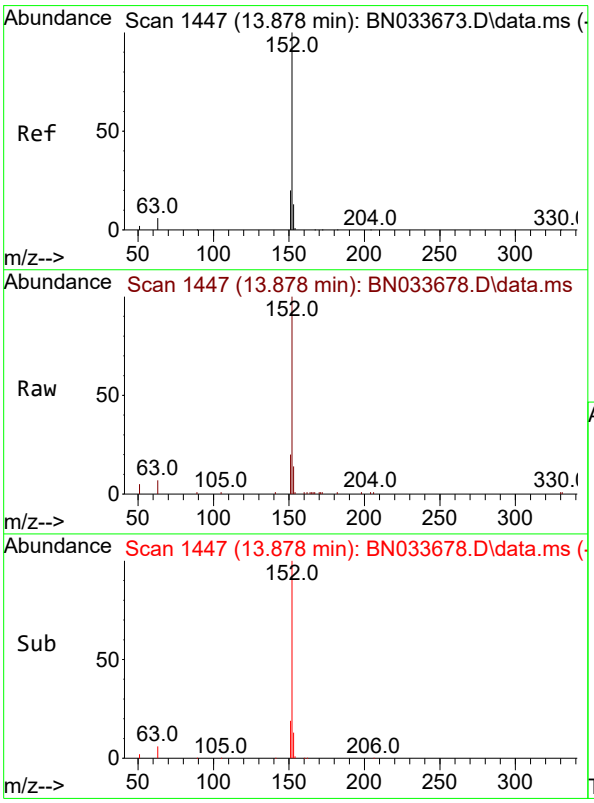
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.777 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:172 Resp: 10782

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.7	19.7	29.5

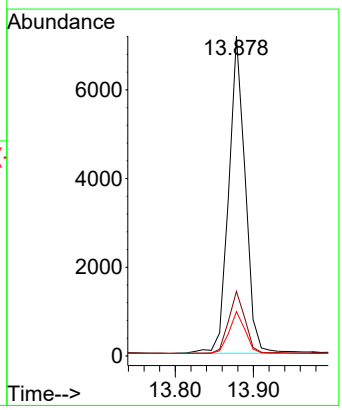


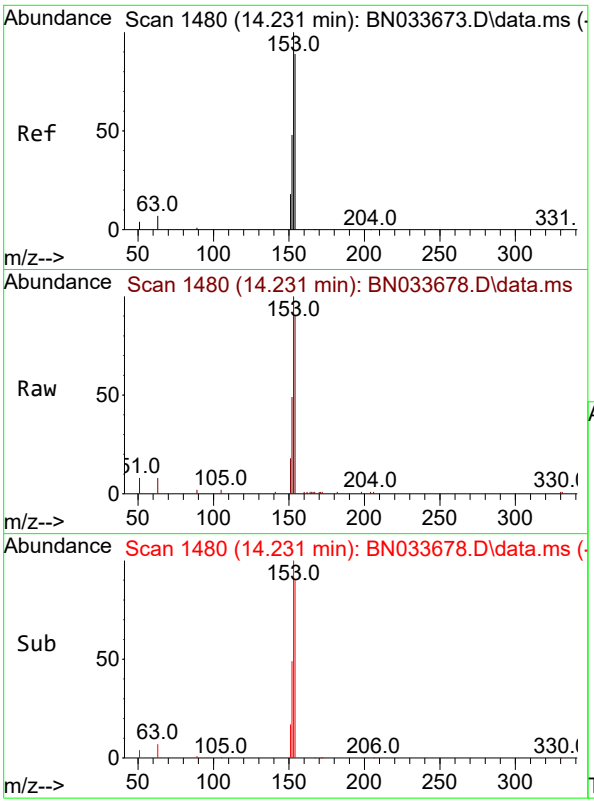


#16
Acenaphthylene
Concen: 0.369 ng
RT: 13.878 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:152 Resp: 10496

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.1	10.3	15.5



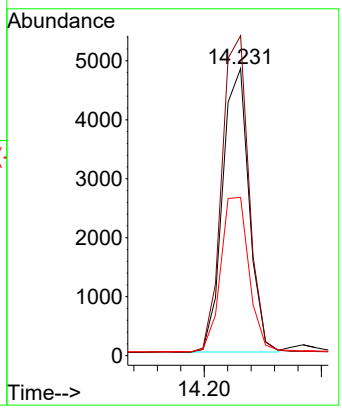


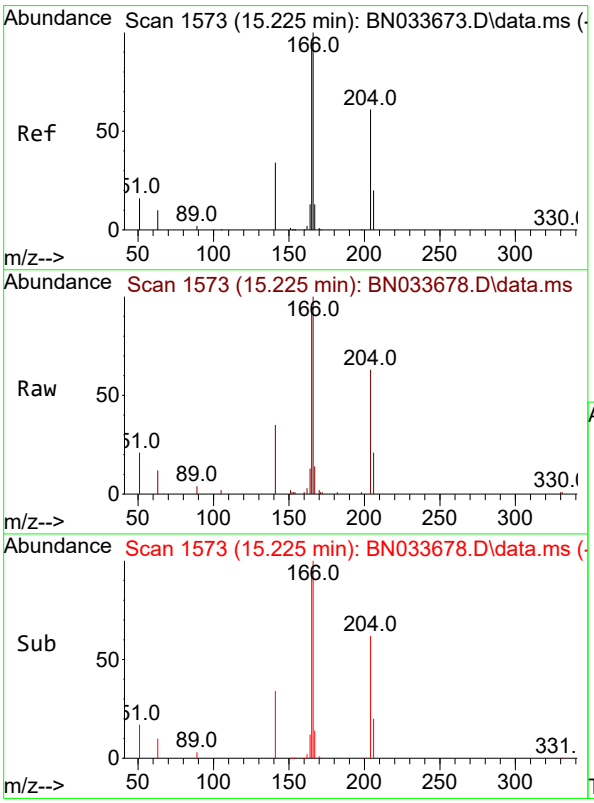
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.231 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:154 Resp: 7528

Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.8	137.8
152	58.5	45.4	68.2

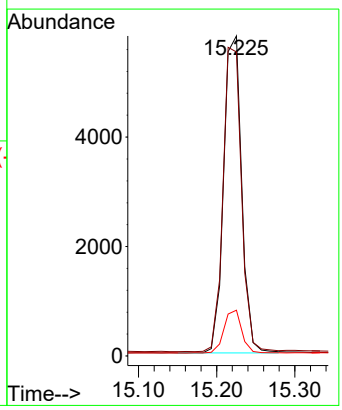


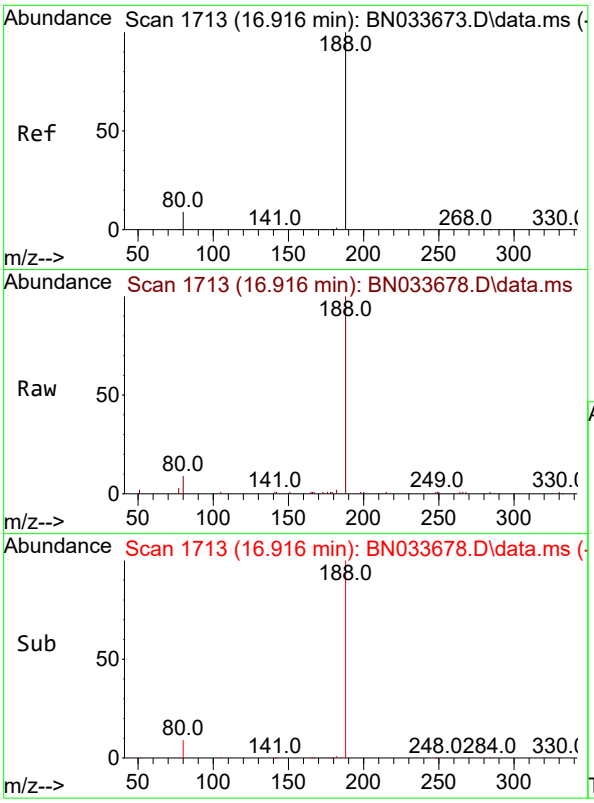


#18
Fluorene
Concen: 0.379 ng
RT: 15.225 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:166 Resp: 9299

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	118.0
167	13.4	10.7	16.1



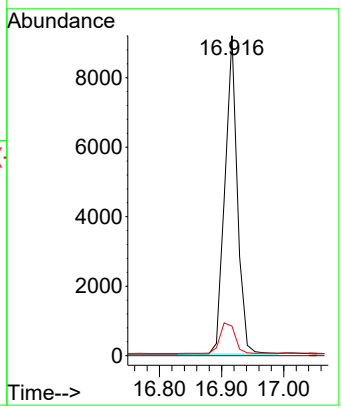


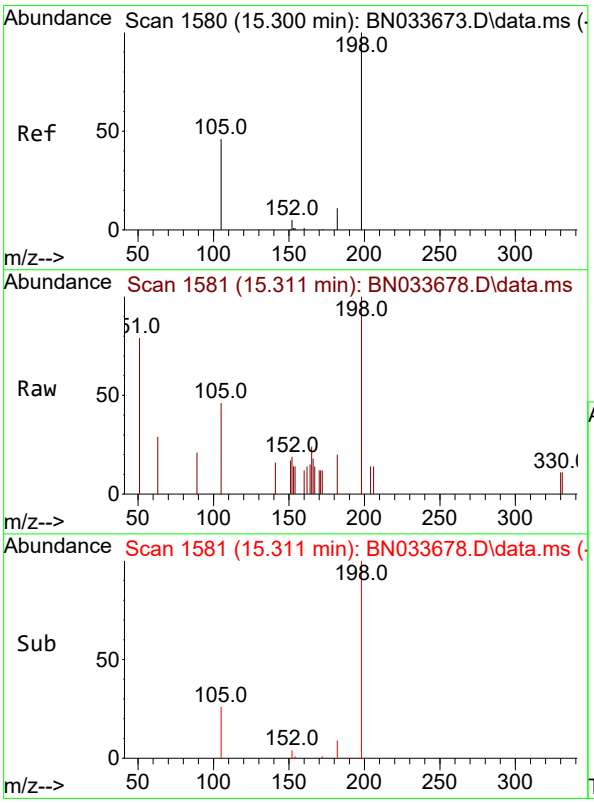
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:188 Resp: 12733

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.4	11.0

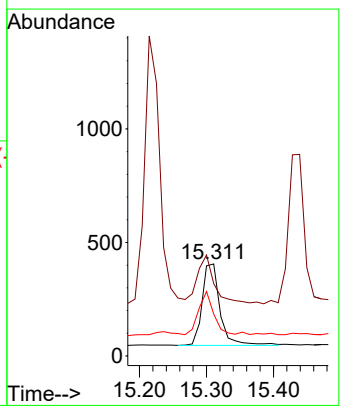


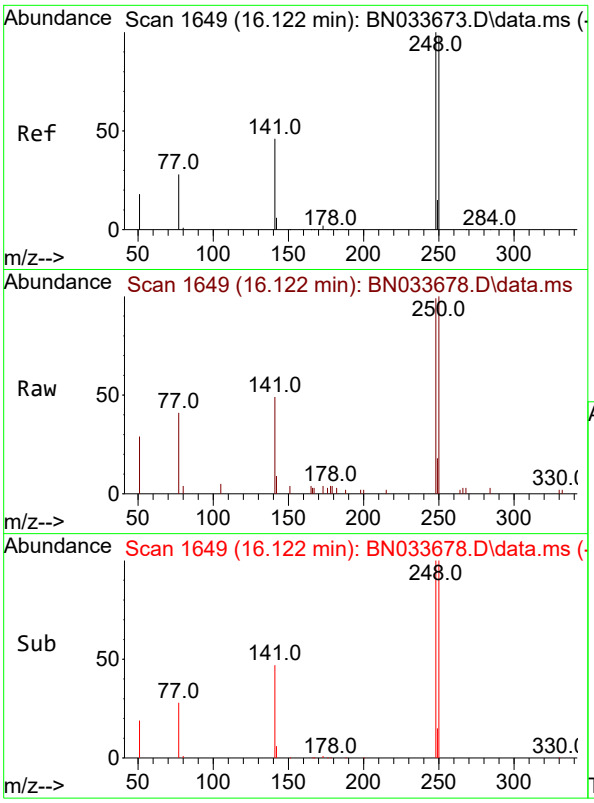


#20
4,6-Dinitro-2-methylphenol
Concen: 0.345 ng
RT: 15.311 min Scan# 1581
Delta R.T. 0.011 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:198 Resp: 666

Ion	Ratio	Lower	Upper
198	100		
51	78.8	82.9	124.3#
105	45.7	53.4	80.0#



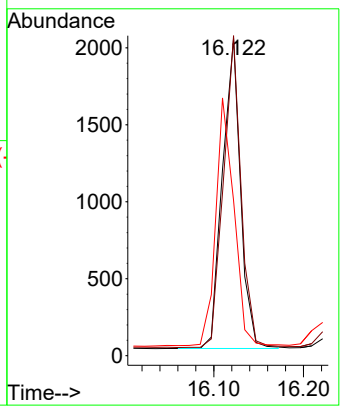


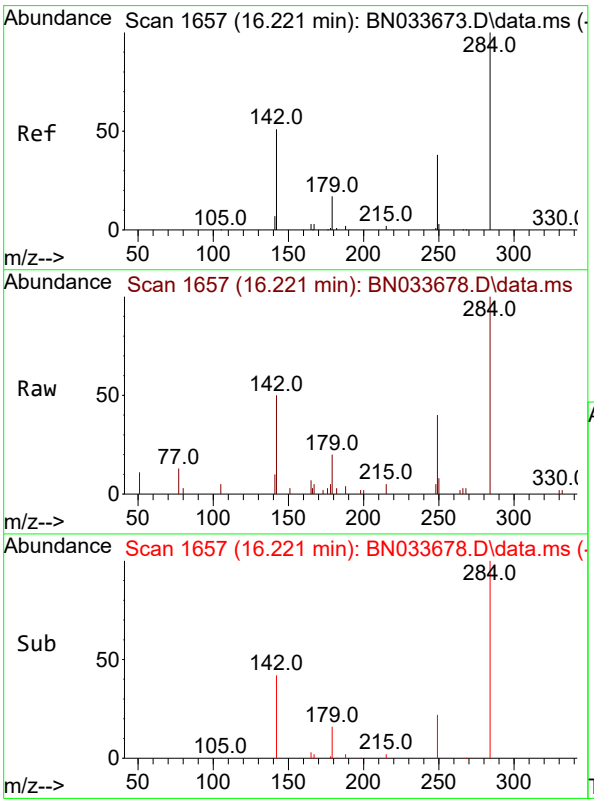
#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:248 Resp: 2817

Ion	Ratio	Lower	Upper
248	100		
250	100.9	79.0	118.4
141	49.0	38.5	57.7

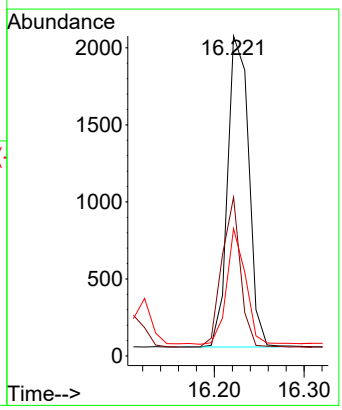


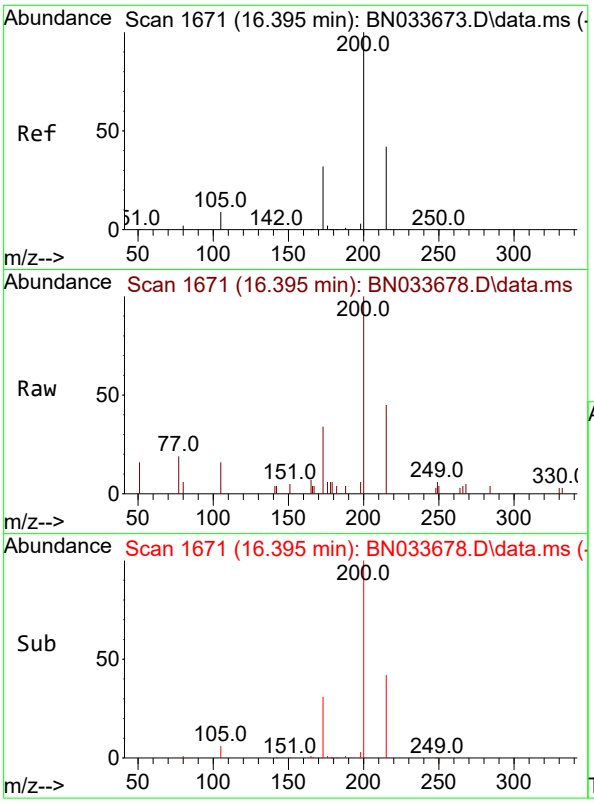


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.221 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:284 Resp: 3301

Ion	Ratio	Lower	Upper
284	100		
142	42.6	34.0	51.0
249	33.1	26.2	39.2



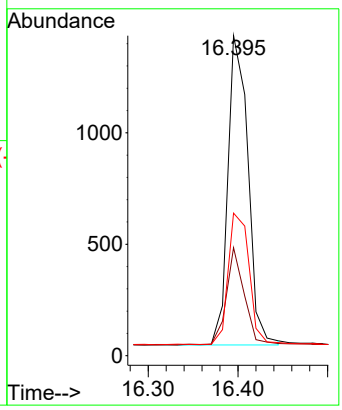


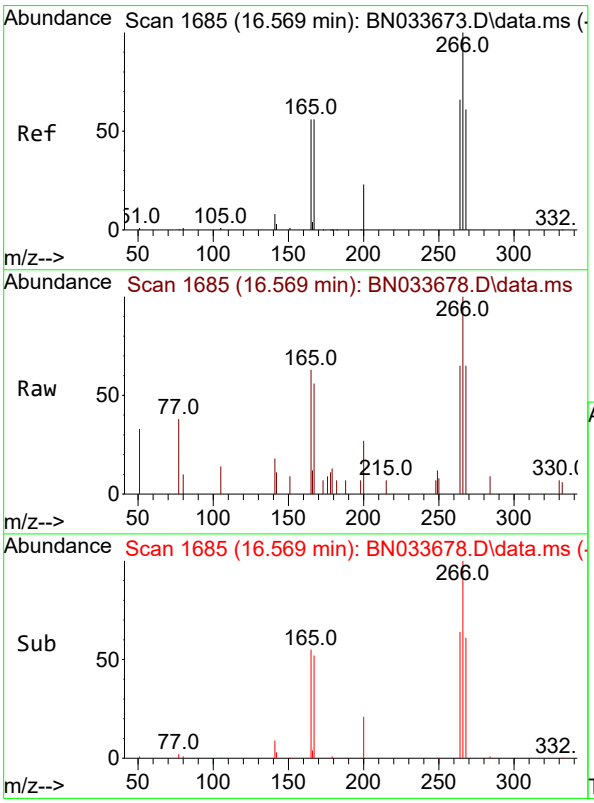
#23
Atrazine
Concen: 0.367 ng
RT: 16.395 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:200 Resp: 2155

Ion	Ratio	Lower	Upper
200	100		
173	33.8	27.0	40.4
215	44.6	35.5	53.3

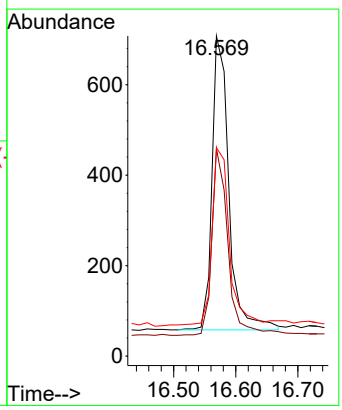


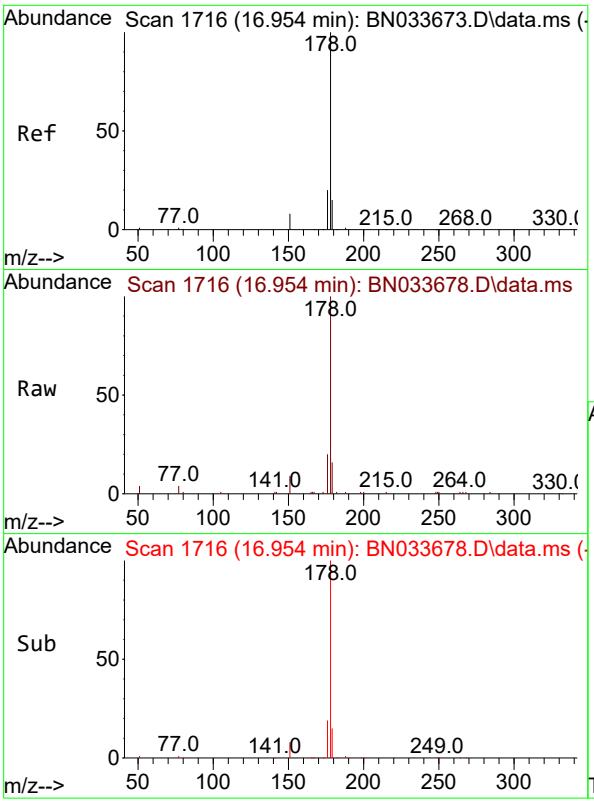


#24
Pentachlorophenol
Concen: 0.321 ng
RT: 16.569 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:266 Resp: 1218

Ion	Ratio	Lower	Upper
266	100		
264	61.0	51.4	77.2
268	61.8	51.9	77.9



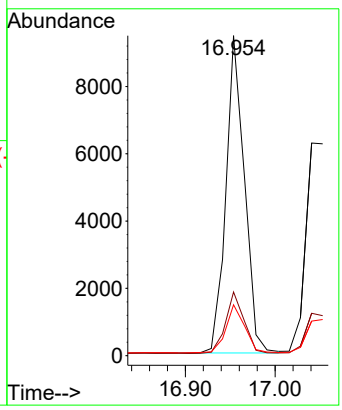


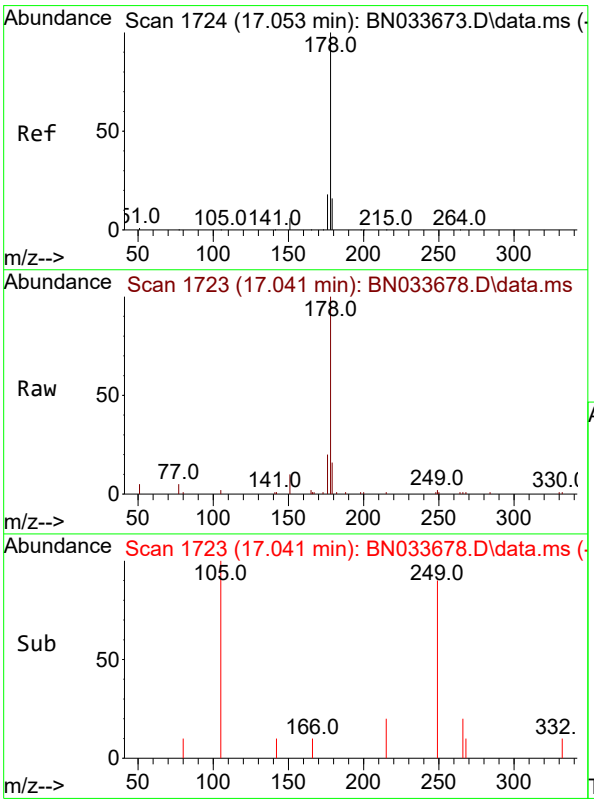
#25
Phenanthrene
Concen: 0.382 ng
RT: 16.954 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:178 Resp: 13518

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.2

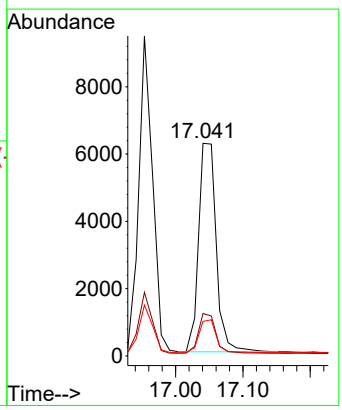


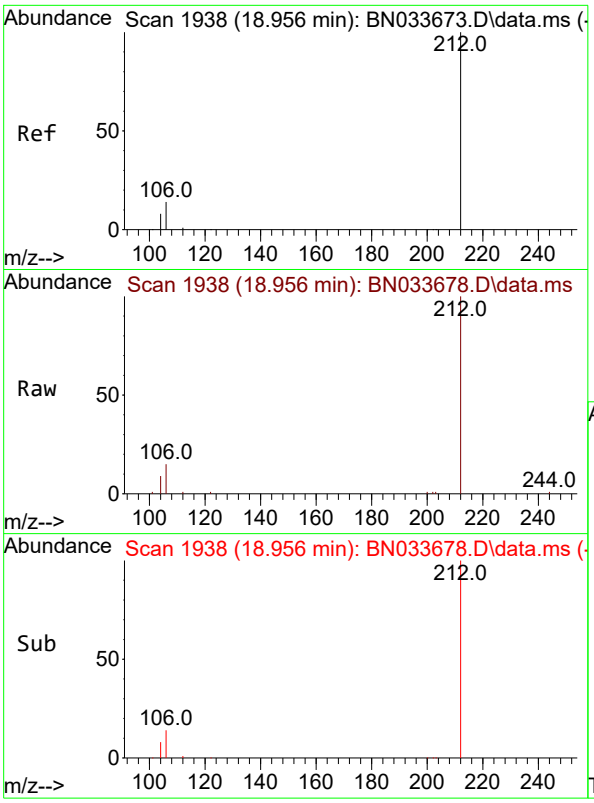


#26
Anthracene
Concen: 0.368 ng
RT: 17.041 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:178 Resp: 11278

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.2	18.4



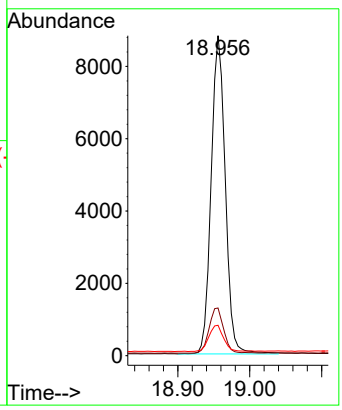


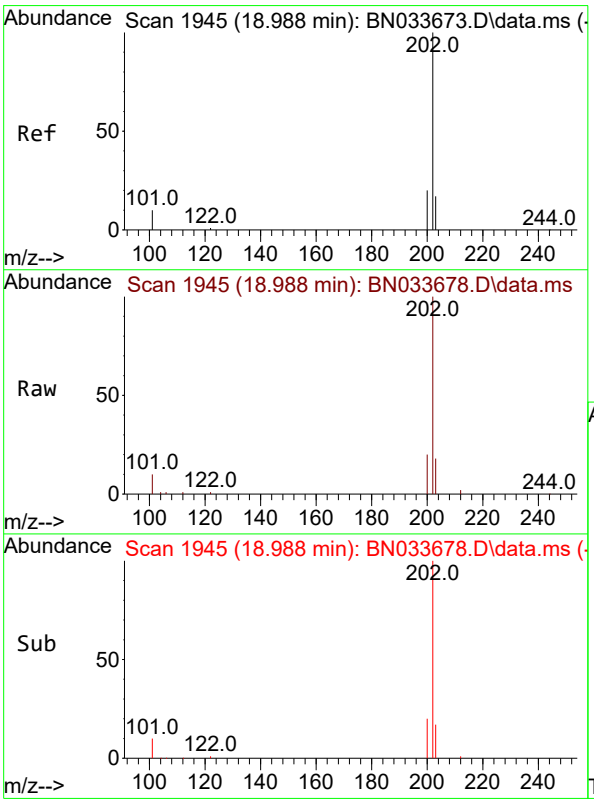
#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 18.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:212 Resp: 11955

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.8	17.6
104	8.7	6.9	10.3

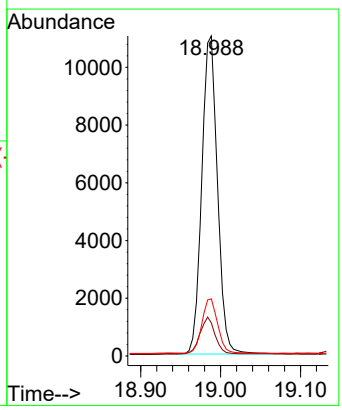


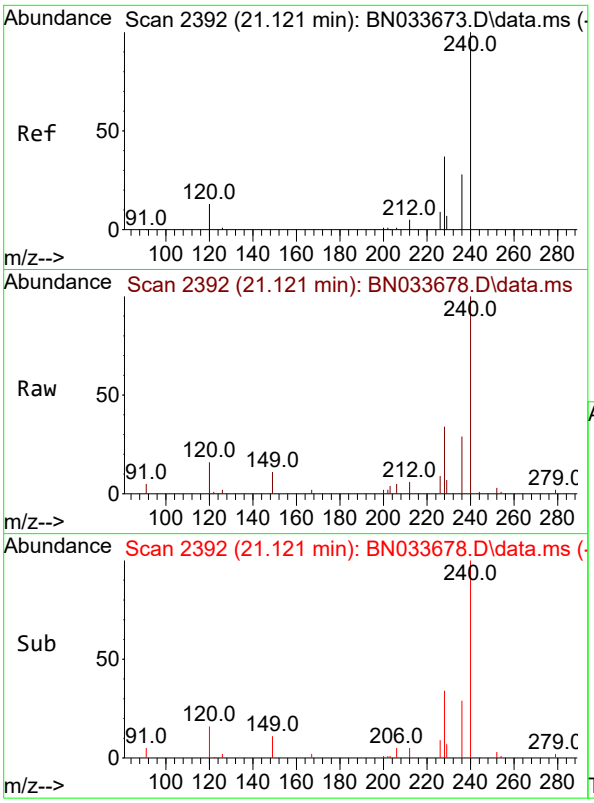


#28
Fluoranthene
Concen: 0.377 ng
RT: 18.988 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:202 Resp: 15017

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
203	16.9	13.8	20.8



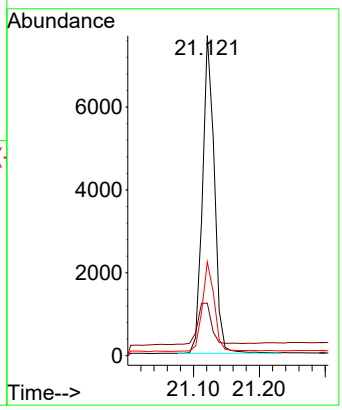


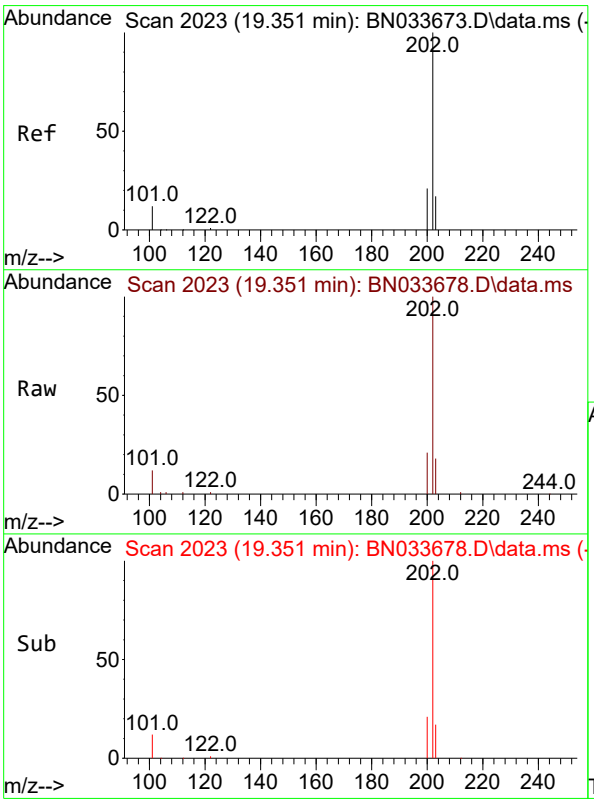
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:240 Resp: 9618

Ion	Ratio	Lower	Upper
240	100		
120	16.4	13.3	19.9
236	29.3	23.4	35.2

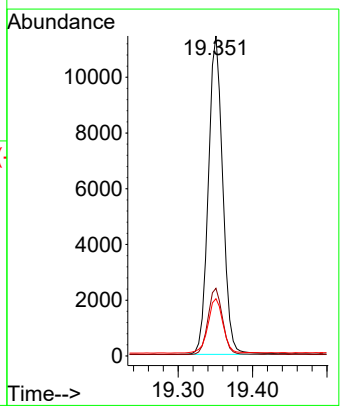


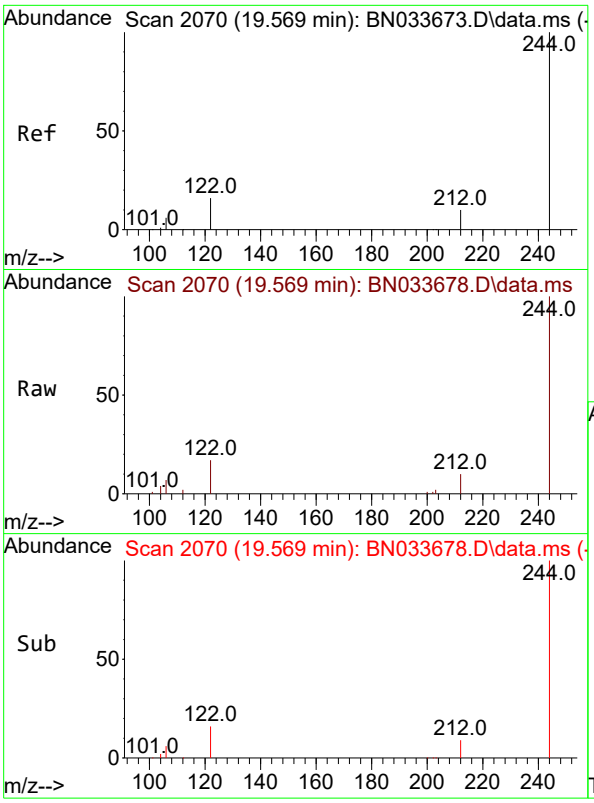


#30
Pyrene
Concen: 0.395 ng
RT: 19.351 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:202 Resp: 15376

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.0	14.5	21.7



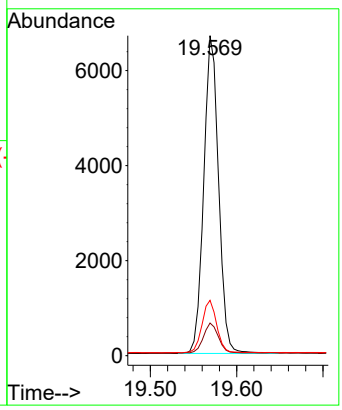


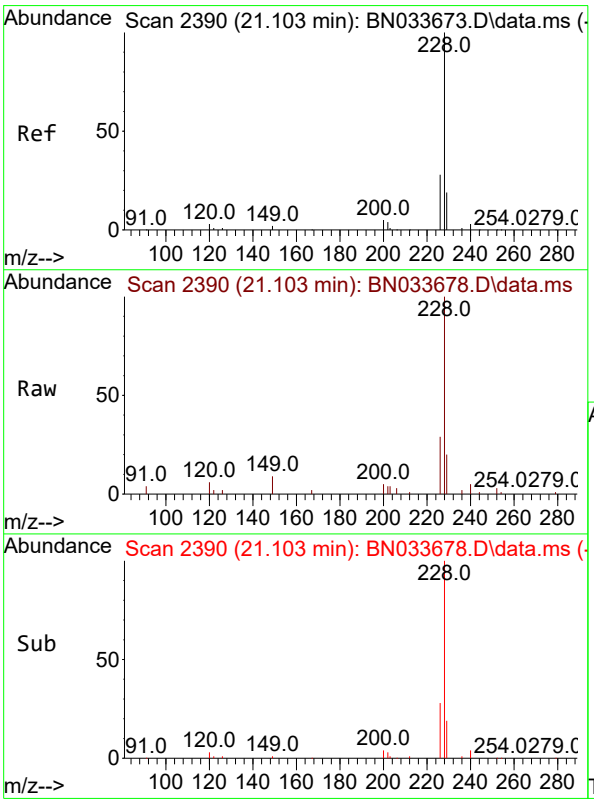
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.569 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:244 Resp: 8007

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.2	12.4
122	17.3	13.6	20.4

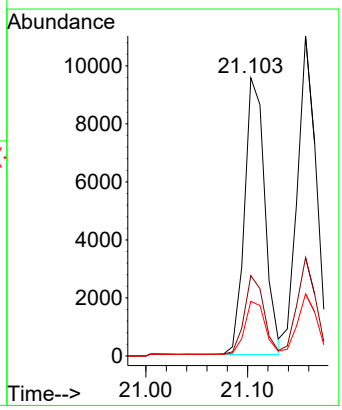


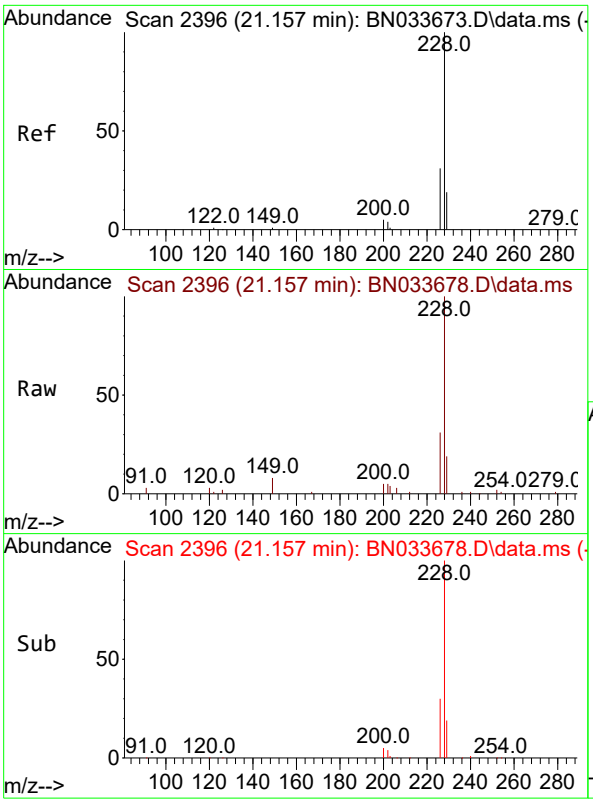


#32
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.103 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:228 Resp: 13167

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	19.6	15.8	23.6



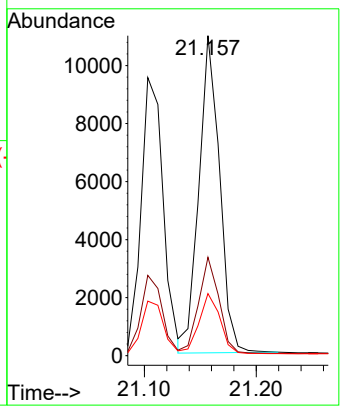


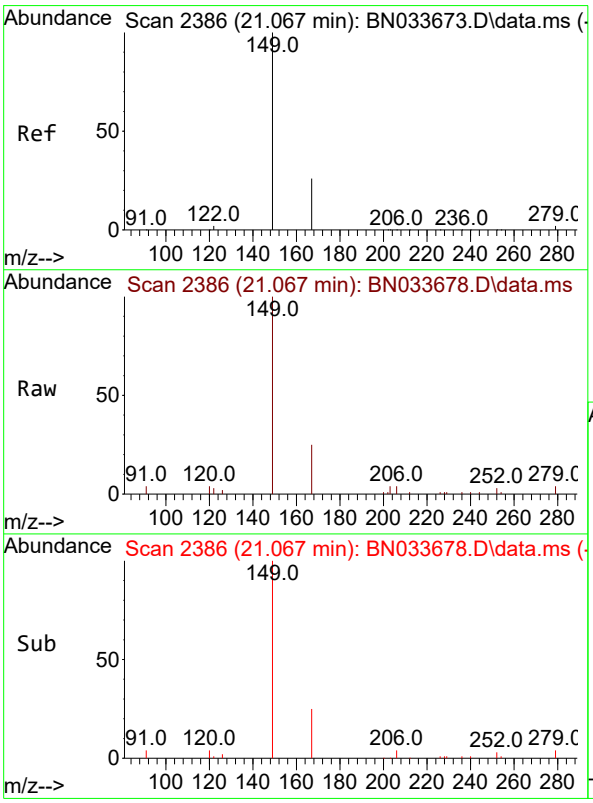
#33
Chrysene
Concen: 0.402 ng
RT: 21.157 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:228 Resp: 13955

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	19.4	15.6	23.4

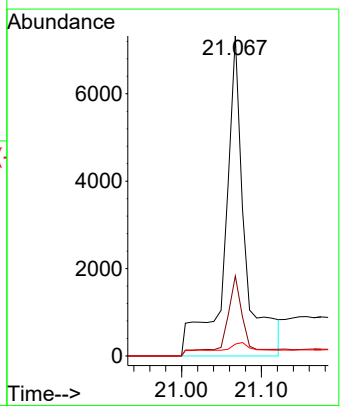


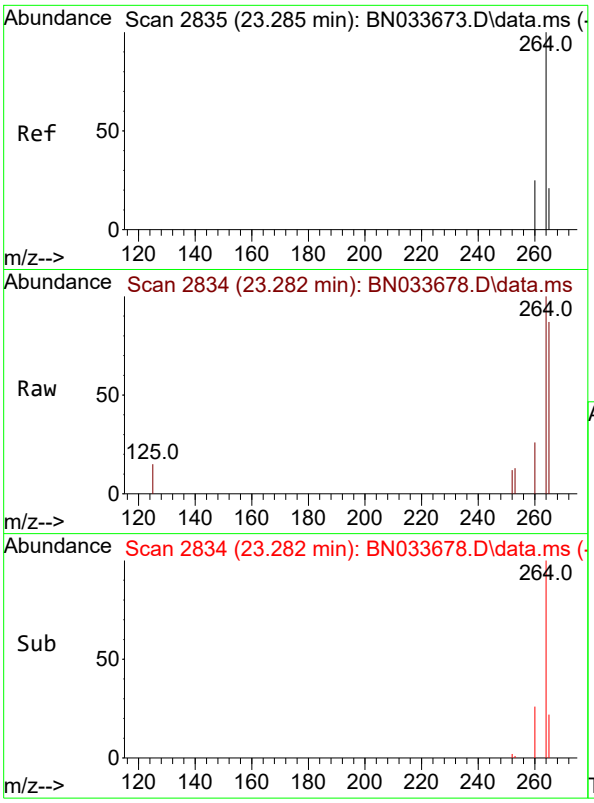


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.628 ng
RT: 21.067 min Scan# 2386
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:149 Resp: 12071

Ion	Ratio	Lower	Upper
149	100		
167	21.7	28.3	42.5#
279	3.1	4.2	6.2#



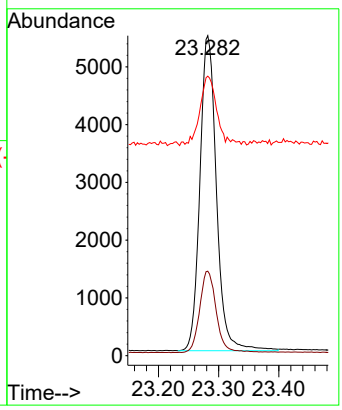


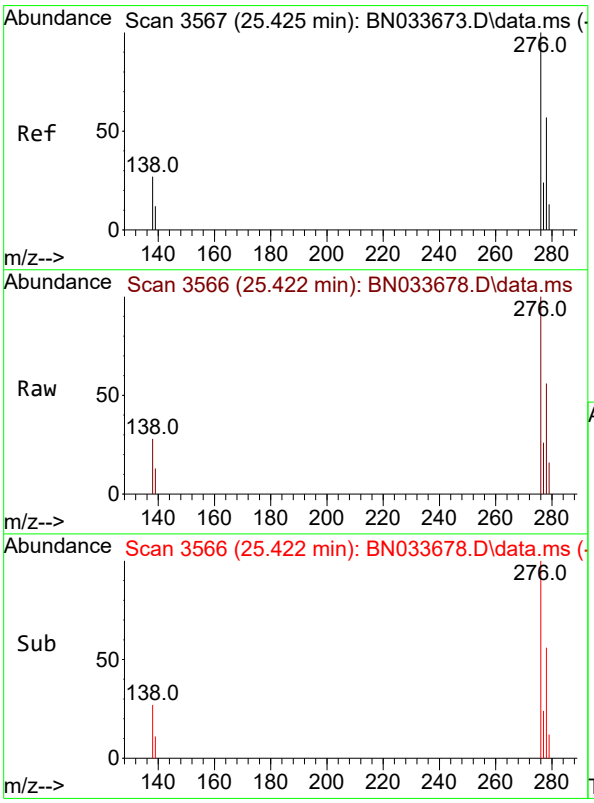
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.282 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:264 Resp: 10412

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.7	31.1
265	87.3	69.9	104.9

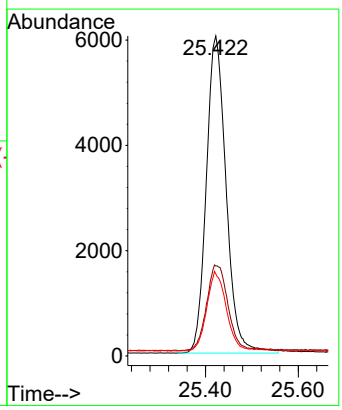


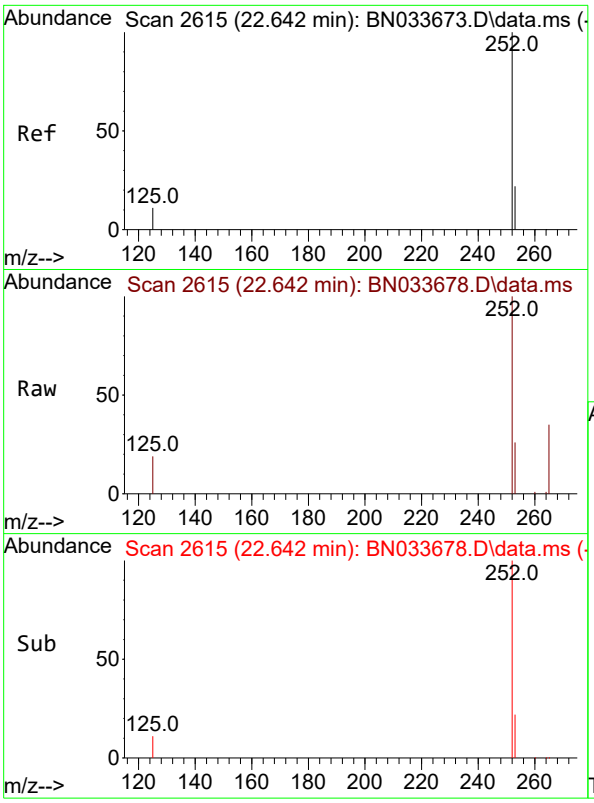


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 25.422 min Scan# 3566
Delta R.T. -0.003 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:276 Resp: 17861

Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.3	34.9
277	24.5	19.8	29.6



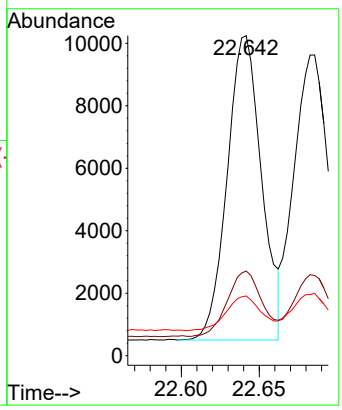


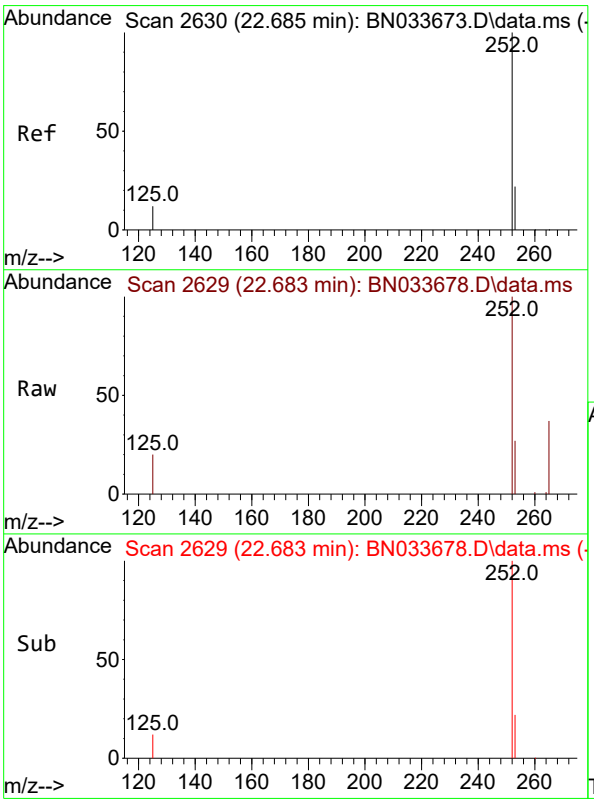
#37
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 22.642 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:252 Resp: 14959

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.6	32.4
125	18.6	15.2	22.8

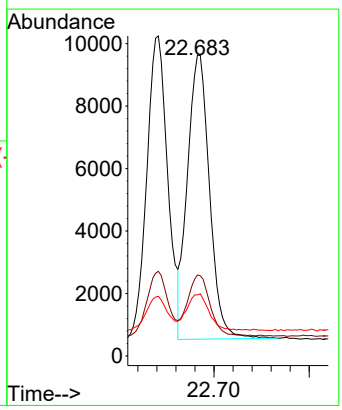


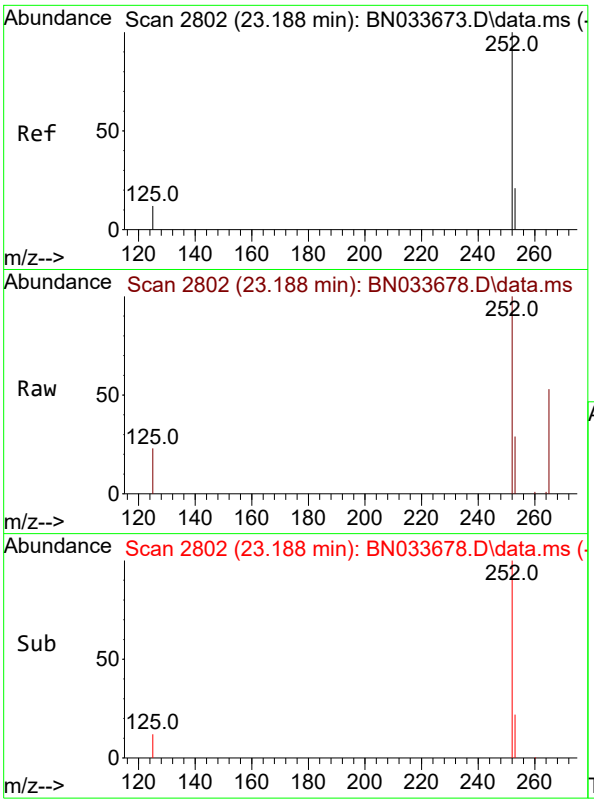


#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.683 min Scan# 2629
Delta R.T. -0.003 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:252 Resp: 14676

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.4	32.2
125	20.3	15.8	23.6



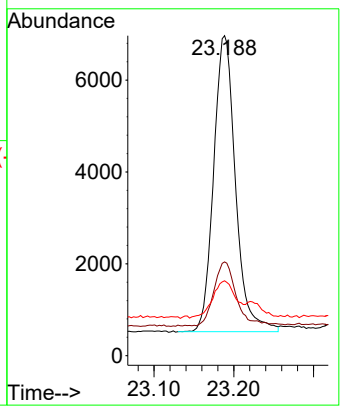


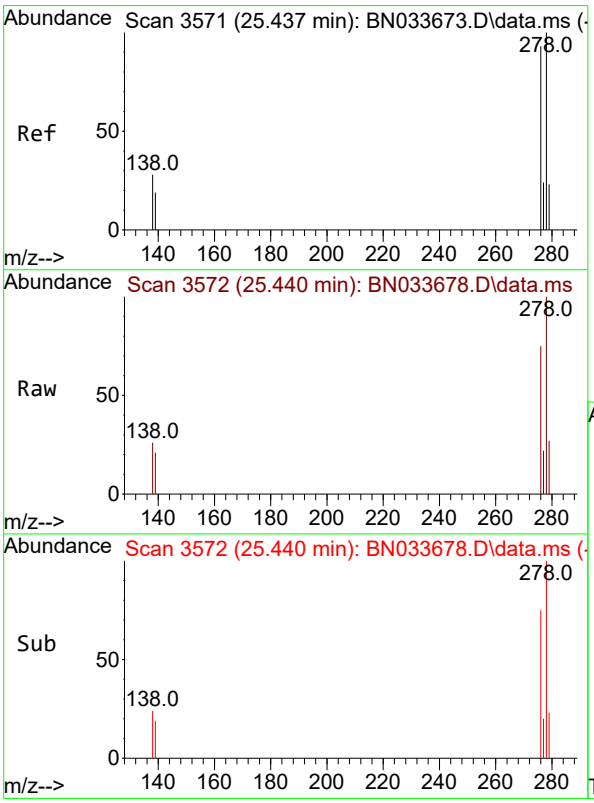
#39
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.188 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:252 Resp: 12280

Ion	Ratio	Lower	Upper
252	100		
253	29.3	23.6	35.4
125	23.4	18.7	28.1

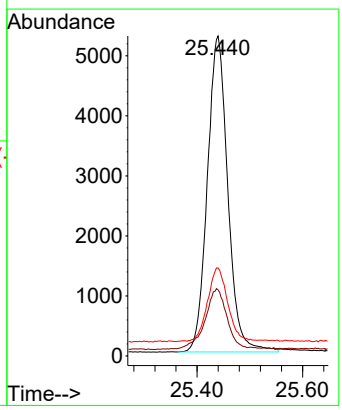


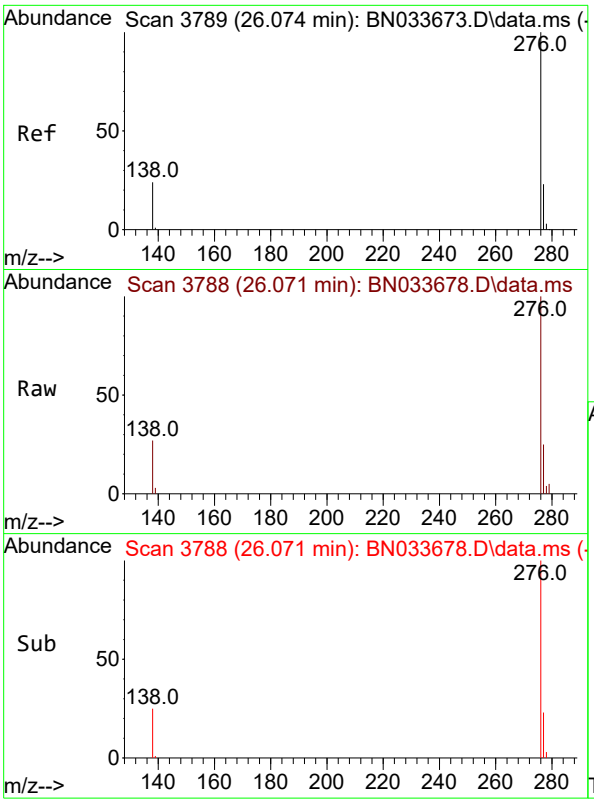


#40
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 25.440 min Scan# 3572
Delta R.T. 0.003 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Tgt Ion:278 Resp: 14210

Ion	Ratio	Lower	Upper
278	100		
139	20.7	17.2	25.8
279	27.5	22.2	33.4





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 26.071 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN033678.D
Acq: 29 Aug 2024 20:57

Instrument :
BNA_N
ClientSampleId :
ICVBN082924

Tgt Ion:276 Resp: 15379

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.2
138	27.0	21.1	31.7