Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033486.D
Acq On : 20 Aug 2024 01:56
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Quant Time: Aug 20 02:44:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	12026	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	33045	0.400	ng		0.00
13) Acenaphthene-d10	14.189	164	17848	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	35827	0.400	ng		0.00
29) Chrysene-d12	21.148	240	21483	0.400	ng	#	0.00
35) Perylene-d12	23.314	264	20739	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	17640	0.462	ng		0.00
5) Phenol-d6	6.736	99	22583	0.497	ng		0.00
8) Nitrobenzene-d5	8.691	82	9916	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	11.915	152	17348	0.367	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	3037	0.317	ng		0.00
15) 2-Fluorobiphenyl	12.810	172	26095	0.358	ng		0.00
27) Fluoranthene-d10	18.980	212	29700	0.345	ng		0.00
31) Terphenyl-d14	19.593	244	19462	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	6628	0.479	ng		99
3) n-Nitrosodimethylamine	3.479	42	7119	0.442	ng		99
6) bis(2-Chloroethyl)ether	6.989	93	13027	0.404	ng		100
9) Naphthalene	10.368	128	32687	0.370	ng		99
10) Hexachlorobutadiene	10.667	225	6415	0.364	ng	#	99
12) 2-Methylnaphthalene	11.986	142	20730	0.371	ng		99
16) Acenaphthylene	13.900	152	26801	0.342	ng		100
17) Acenaphthene	14.253	154	19654	0.357	ng		99
18) Fluorene	15.247	166	24565	0.354	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	1803	0.322	ng	#	82
21) 4-Bromophenyl-phenylether	16.147	248	7966	0.366	ng		94
22) Hexachlorobenzene	16.247	284	9039	0.376	ng		99
23) Atrazine	16.420	200	5969	0.344	ng		98
24) Pentachlorophenol	16.594	266	3006	0.289	ng		98
25) Phenanthrene	16.979	178	37016	0.371	ng		100
26) Anthracene	17.066	178	31155	0.353	ng		99
28) Fluoranthene	19.007	202	38365	0.348	ng		100
30) Pyrene	19.374	202	38735	0.404	ng		100
32) Benzo(a)anthracene	21.130	228	28298	0.364	ng		99
33) Chrysene	21.184	228	28782	0.373	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	15827	0.322	ng		99
36) Indeno(1,2,3-cd)pyrene	25.472	276	31883	0.370	ng		99
37) Benzo(b)fluoranthene	22.671	252	27618	0.357	ng		98
38) Benzo(k)fluoranthene	22.715	252	28035	0.368	ng		99
39) Benzo(a)pyrene	23.221	252	22480	0.351	ng		97
40) Dibenzo(a,h)anthracene	25.490	278	25600	0.372	ng		99
41) Benzo(g,h,i)perylene	26.124	276	26587	0.361	ng		100

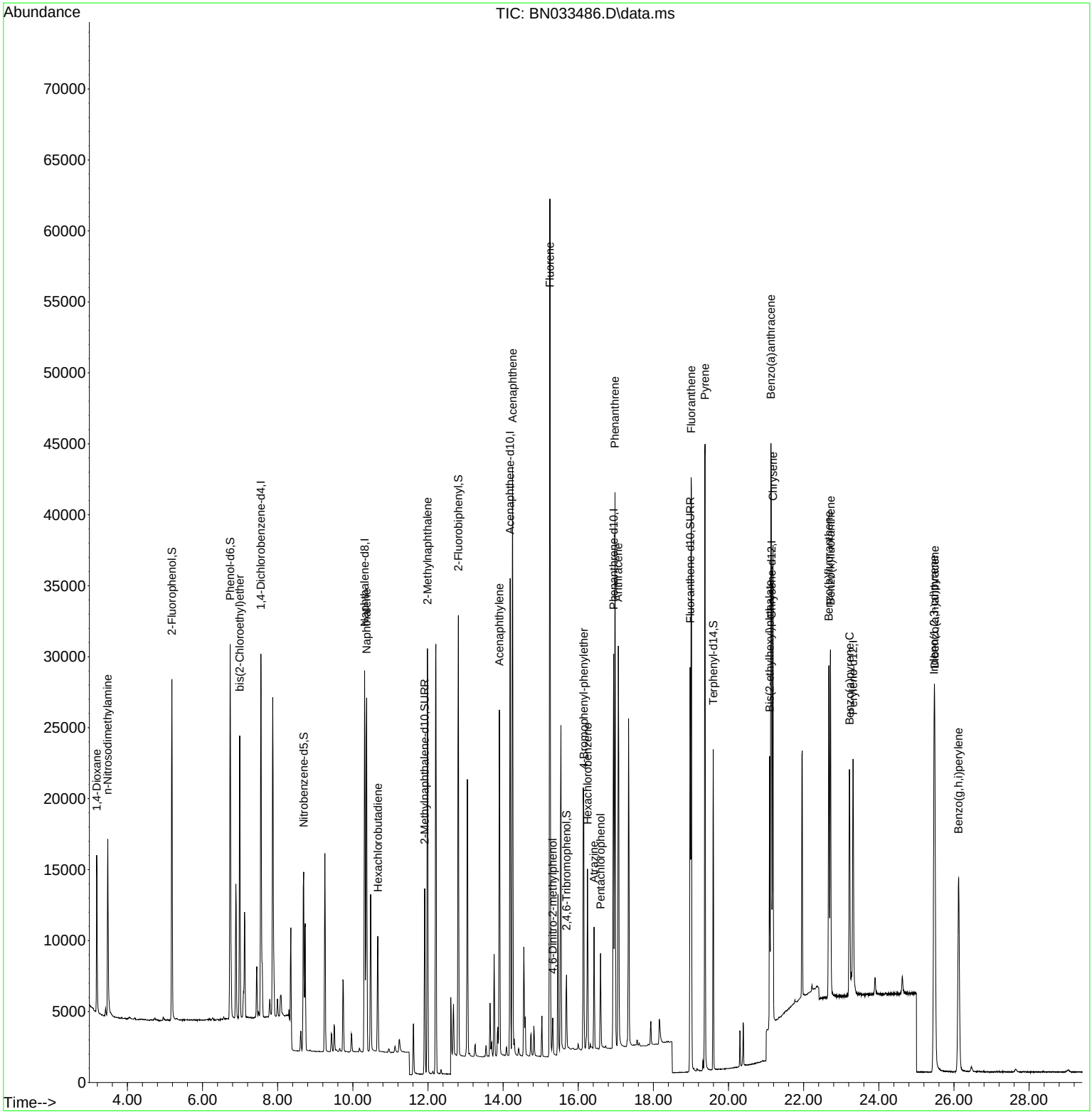
(#) = qualifier out of range (m) = manual integration (+) = signals summed

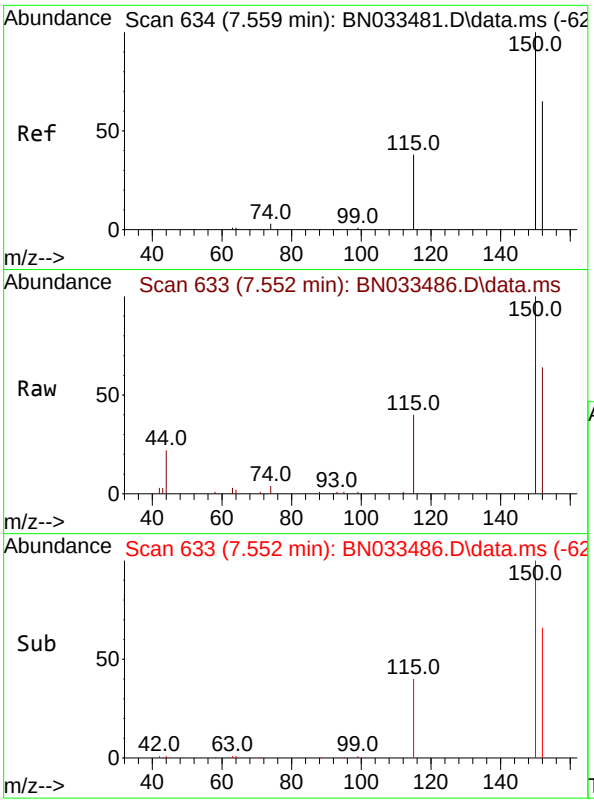
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033486.D
Acq On : 20 Aug 2024 01:56
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Quant Time: Aug 20 02:44:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration



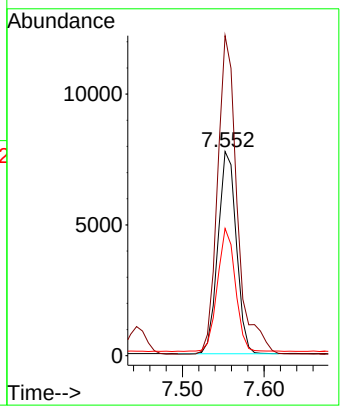


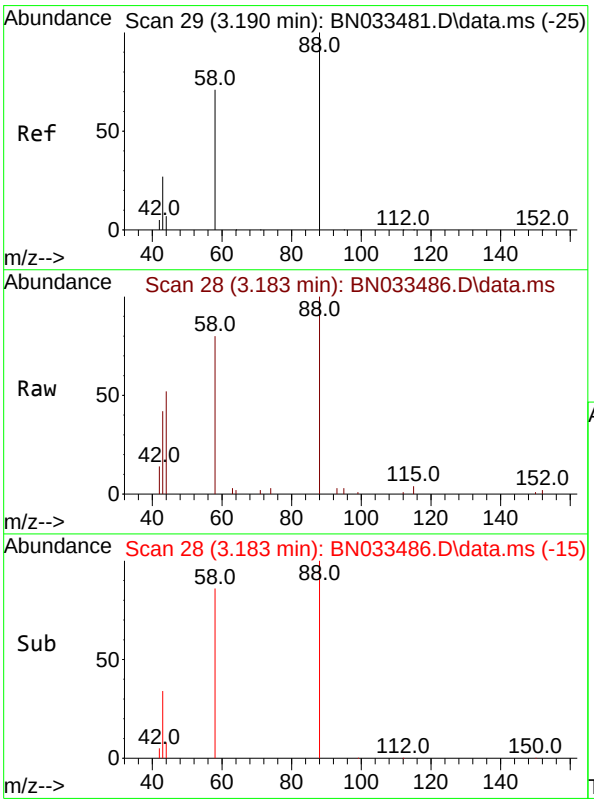
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.552 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:152 Resp: 12026

Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.2	183.2
115	62.3	47.2	70.8

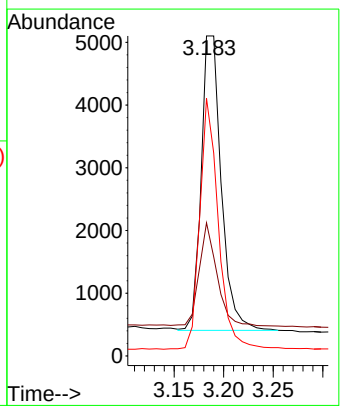


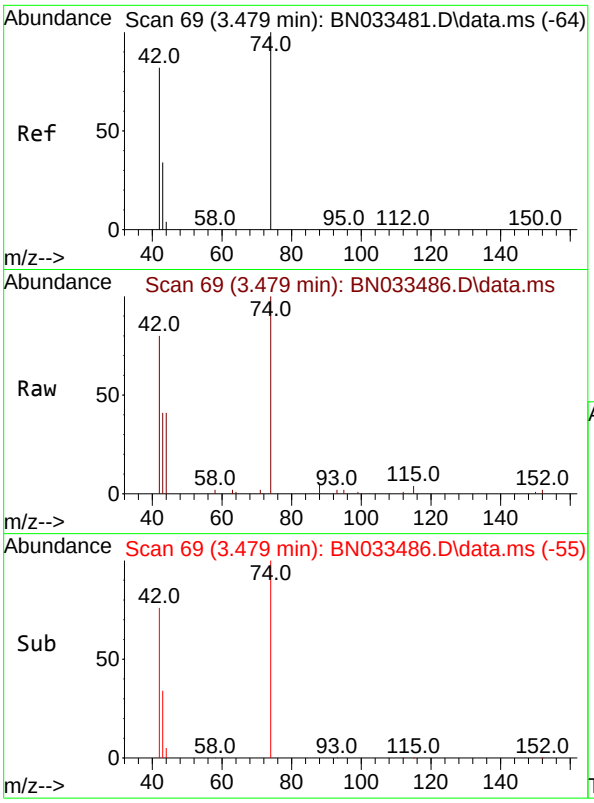


#2
1,4-Dioxane
Concen: 0.479 ng
RT: 3.183 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion: 88 Resp: 6628

Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.0	37.4
58	78.5	62.5	93.7



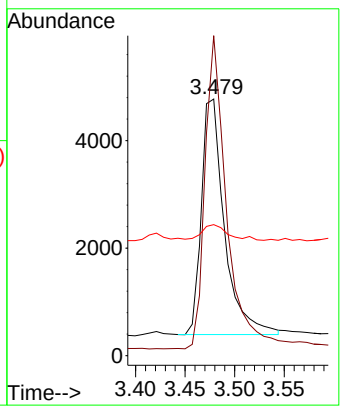


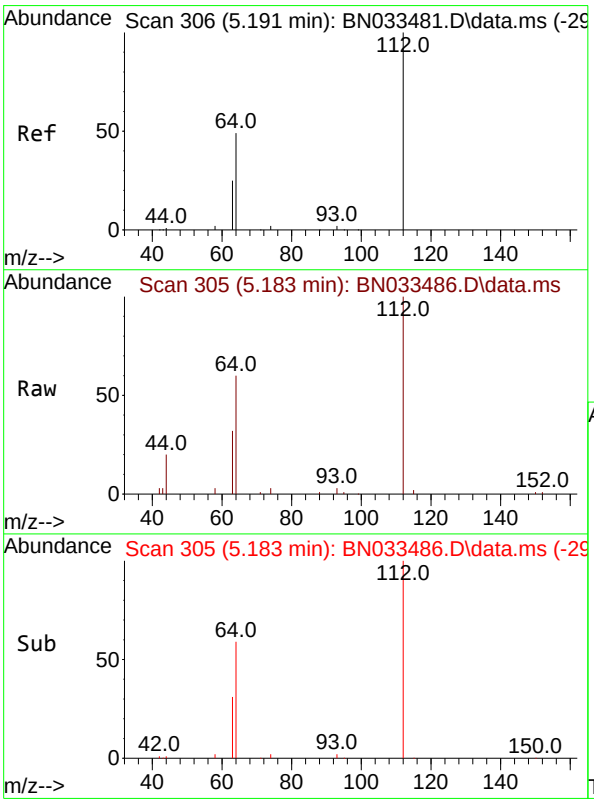
#3
n-Nitrosodimethylamine
Concen: 0.442 ng
RT: 3.479 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion: 42 Resp: 7119

Ion	Ratio	Lower	Upper
42	100		
74	123.8	100.2	150.2
44	7.5	5.3	7.9

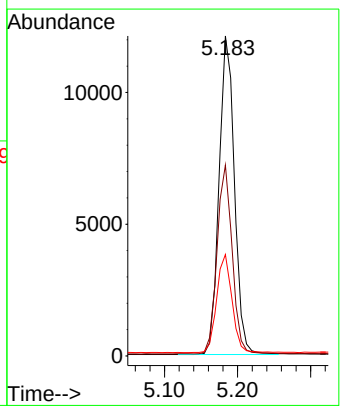


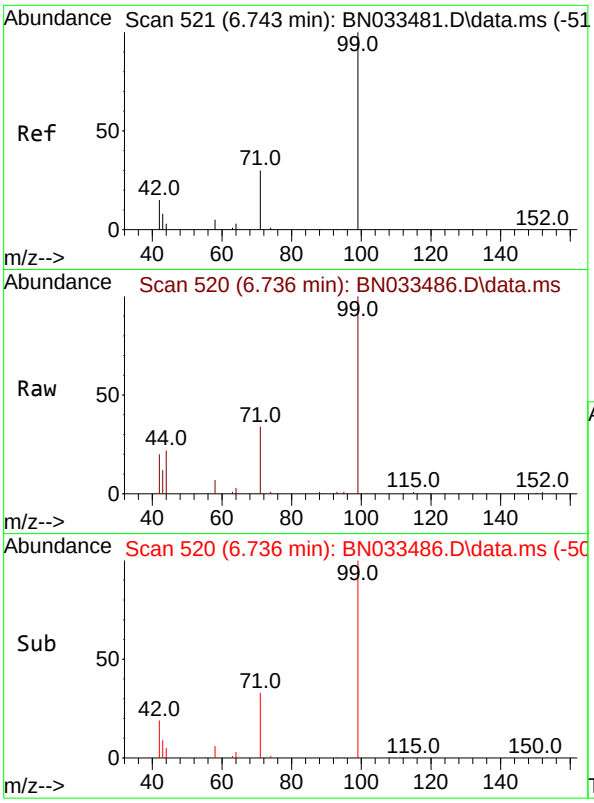


#4
2-Fluorophenol
Concen: 0.462 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:112 Resp: 17640

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	30.6	24.9	37.3



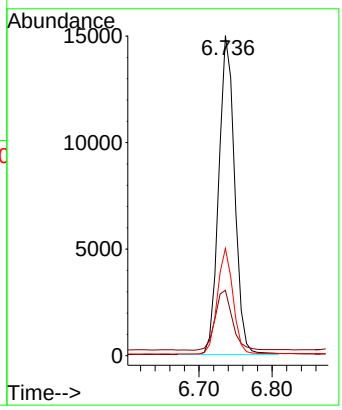


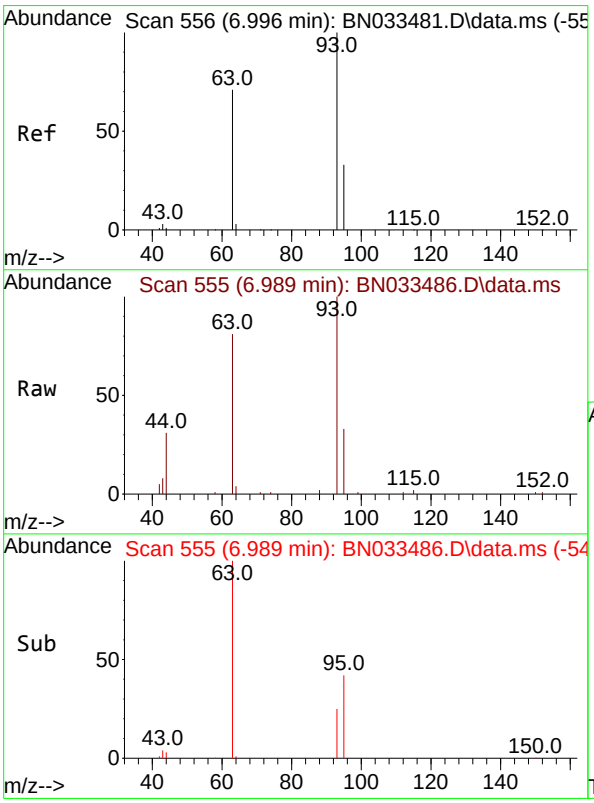
#5
Phenol-d6
Concen: 0.497 ng
RT: 6.736 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion: 99 Resp: 22583

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.6	24.8
71	32.6	26.2	39.4

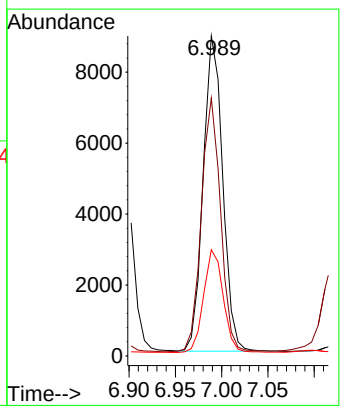


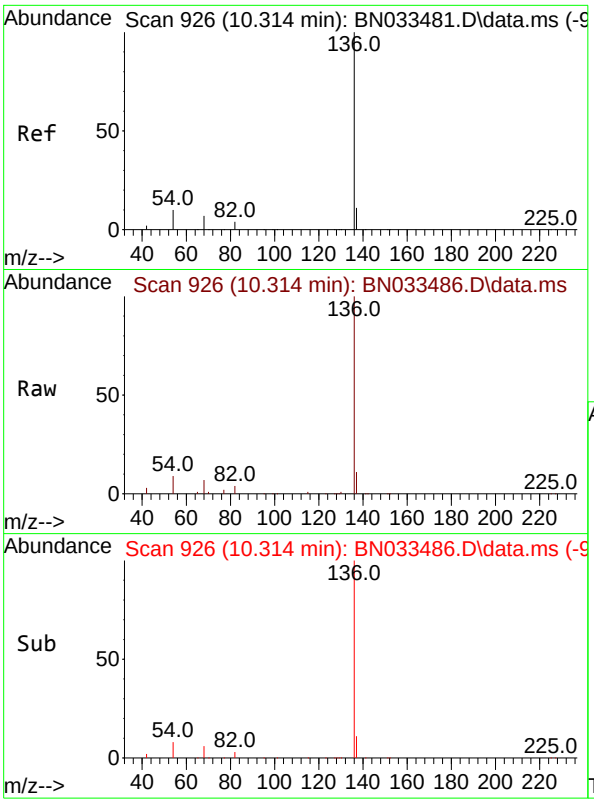


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 6.989 min Scan# 555
Delta R.T. -0.007 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion: 93 Resp: 13027

Ion	Ratio	Lower	Upper
93	100		
63	78.8	63.0	94.4
95	32.6	26.0	39.0



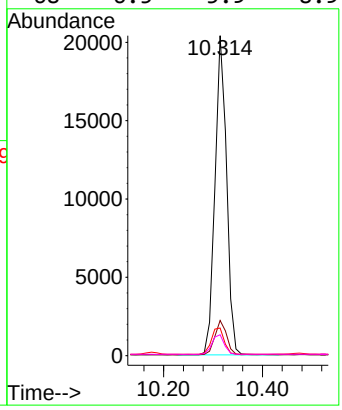


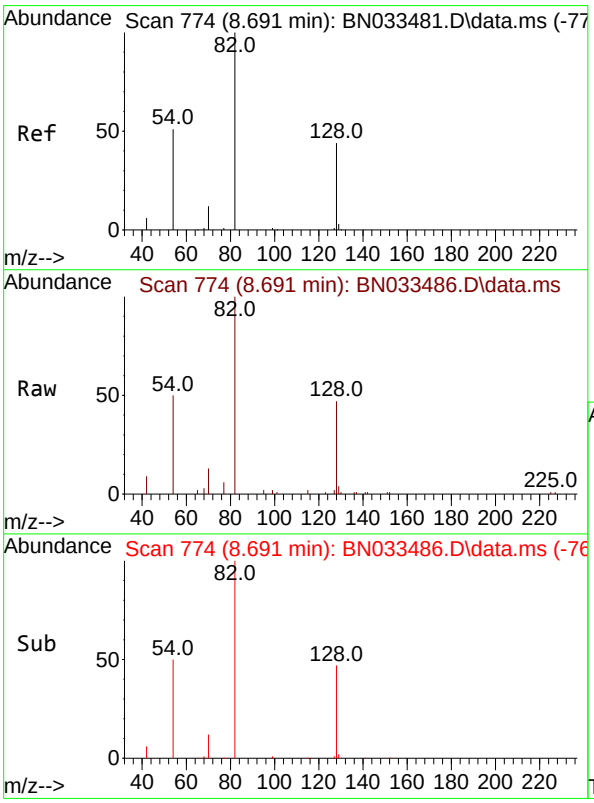
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.314 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:136 Resp: 33045

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.6	8.3	12.5
68	6.5	5.9	8.9

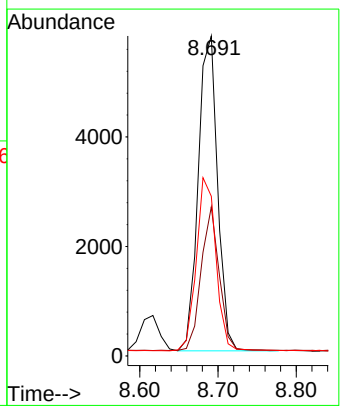


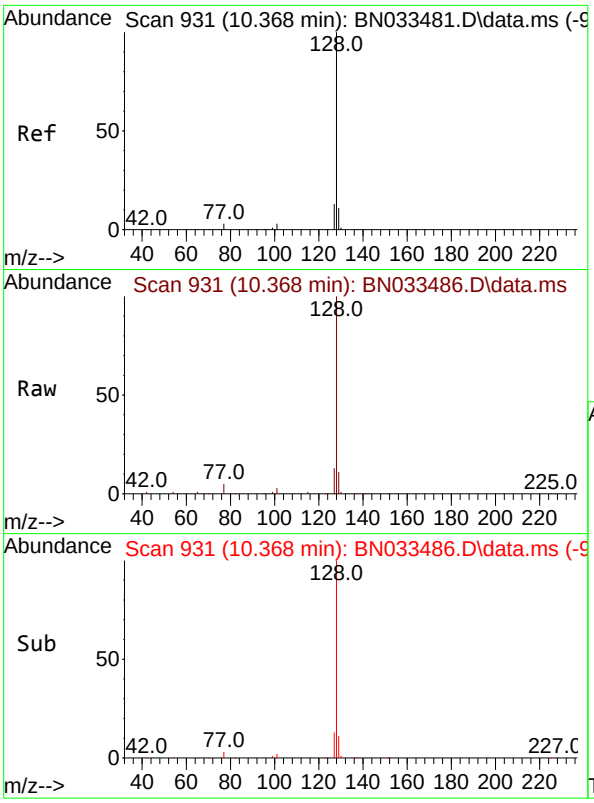


#8
Nitrobenzene-d5
Concen: 0.362 ng
RT: 8.691 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion: 82 Resp: 9916

Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.0	54.0
54	49.9	42.0	63.0



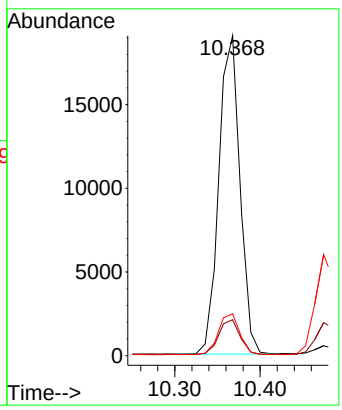


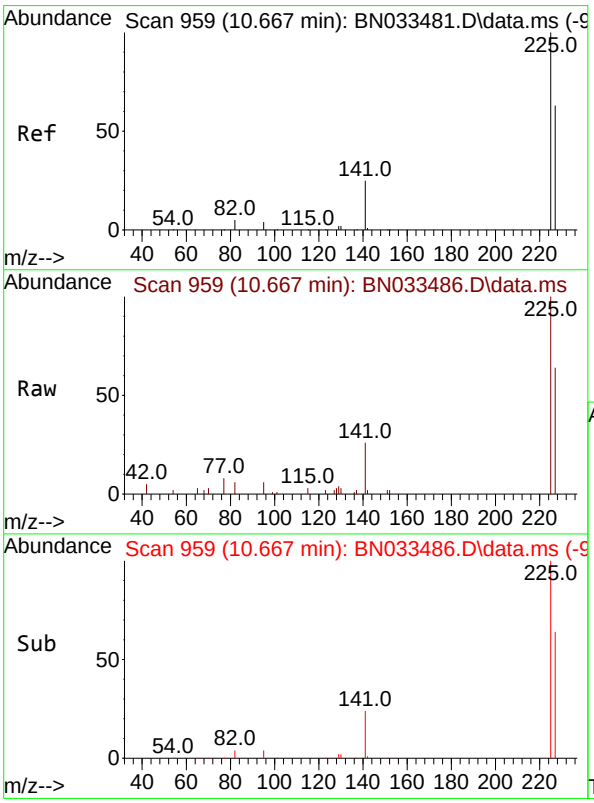
#9
Naphthalene
Concen: 0.370 ng
RT: 10.368 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:128 Resp: 32687

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.1	10.7	16.1

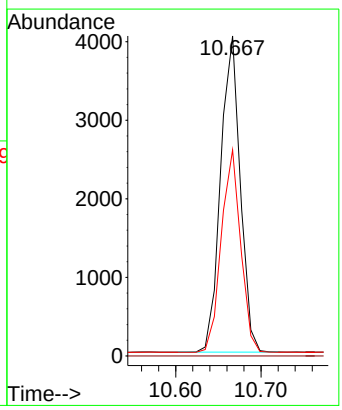


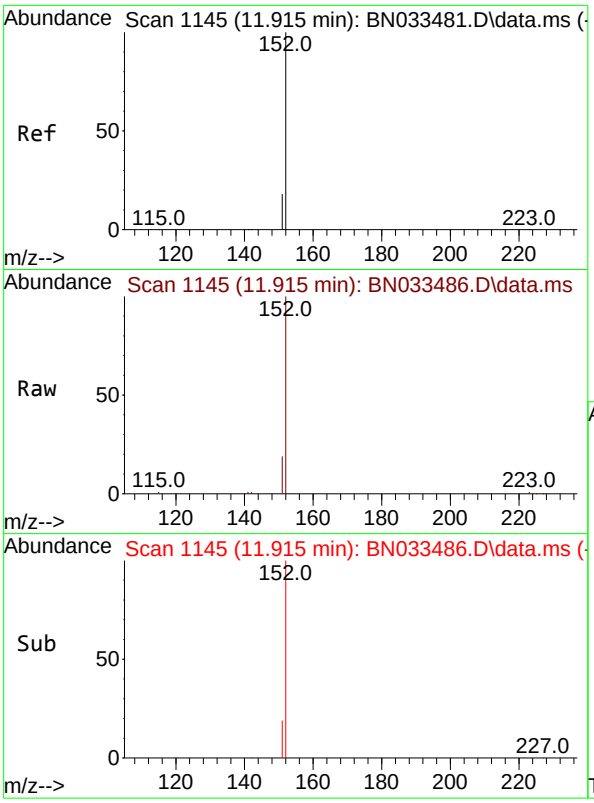


#10
Hexachlorobutadiene
Concen: 0.364 ng
RT: 10.667 min Scan# 959
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:225 Resp: 6415

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.2	76.8



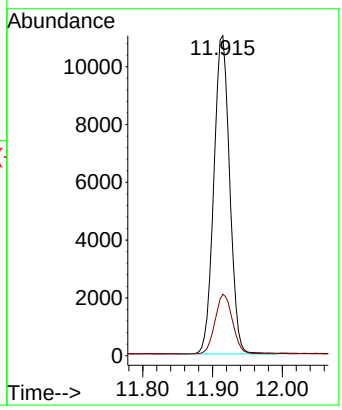


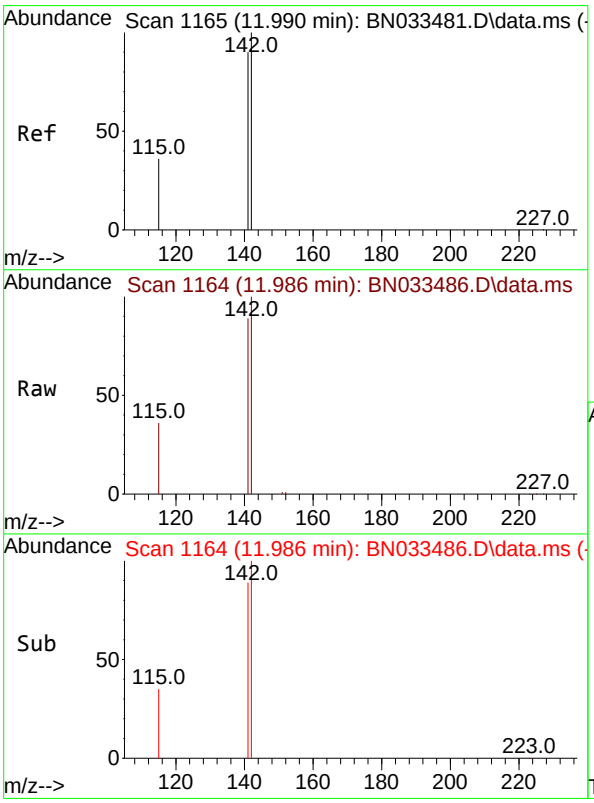
#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 11.915 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:152 Resp: 17348

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0

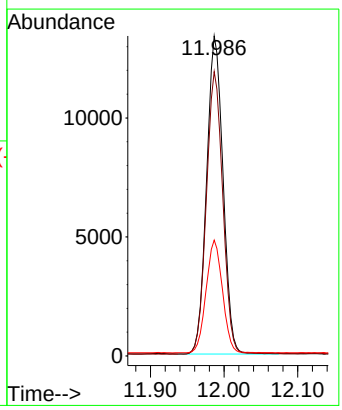


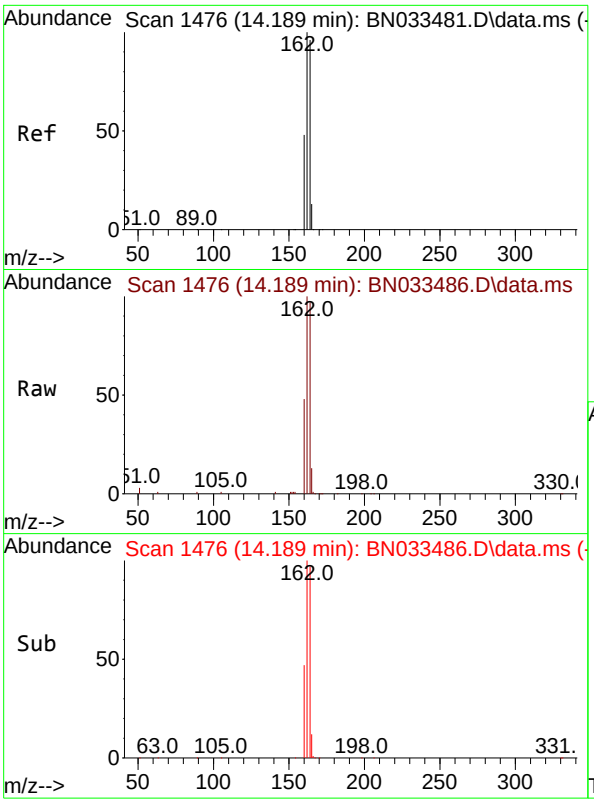


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 11.986 min Scan# 1164
Delta R.T. -0.004 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:142 Resp: 20730

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	36.2	29.4	44.2



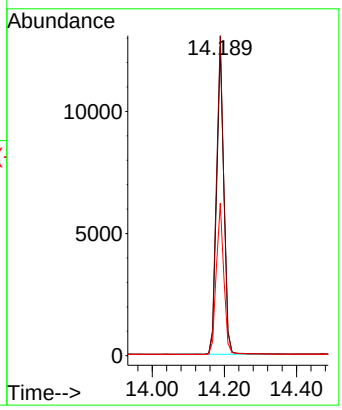


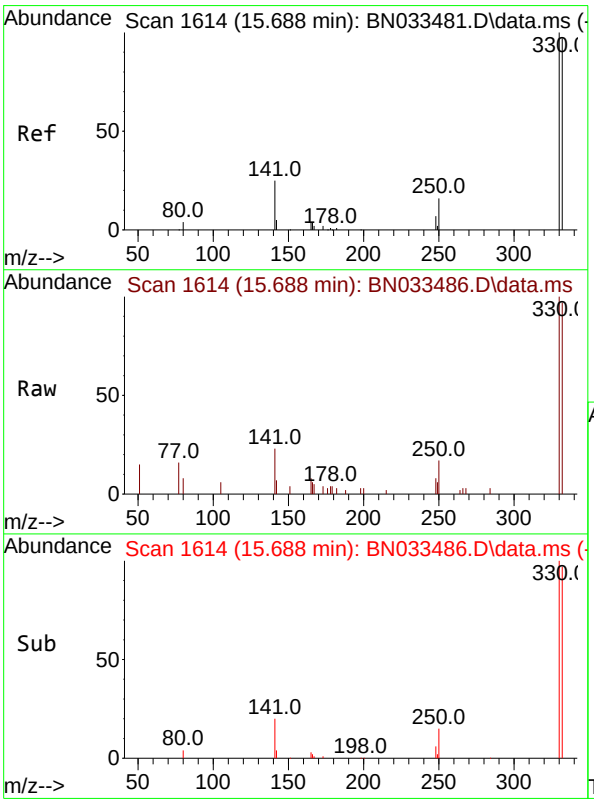
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:164 Resp: 17848

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.5	125.3
160	49.3	40.2	60.4

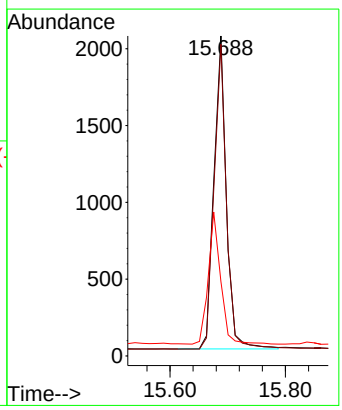


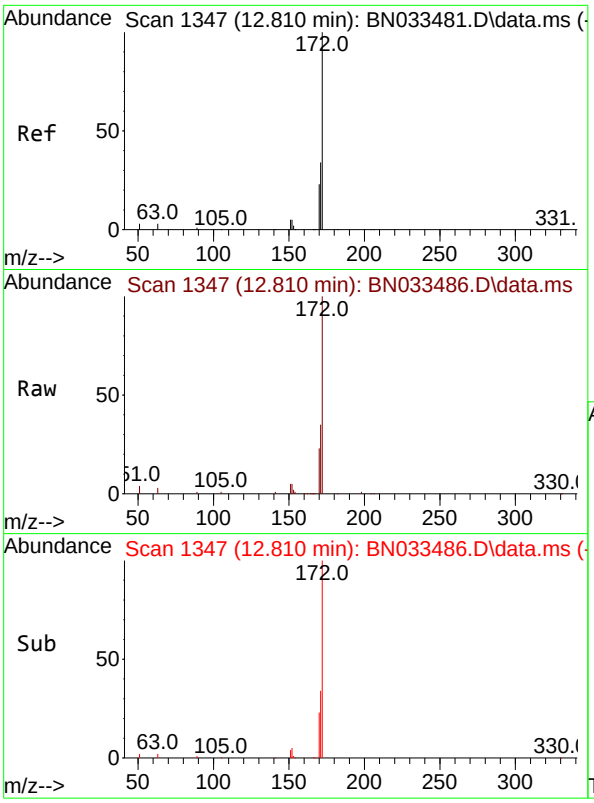


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:330 Resp: 3037

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.5	116.3
141	41.8	33.9	50.9



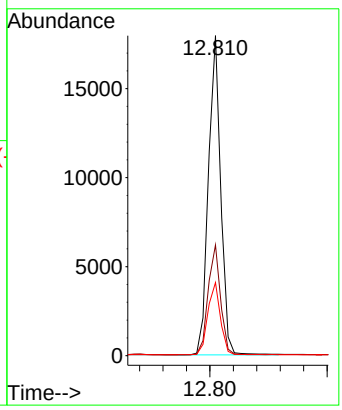


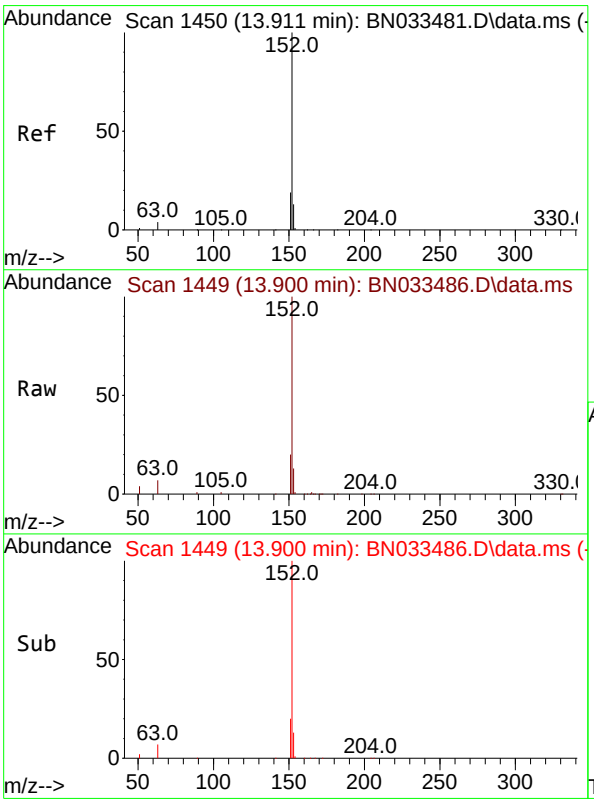
#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:172 Resp: 26095

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.7	41.5
170	22.8	18.3	27.5

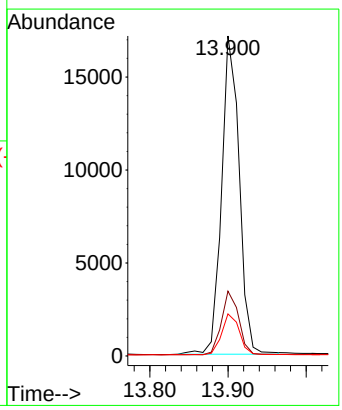


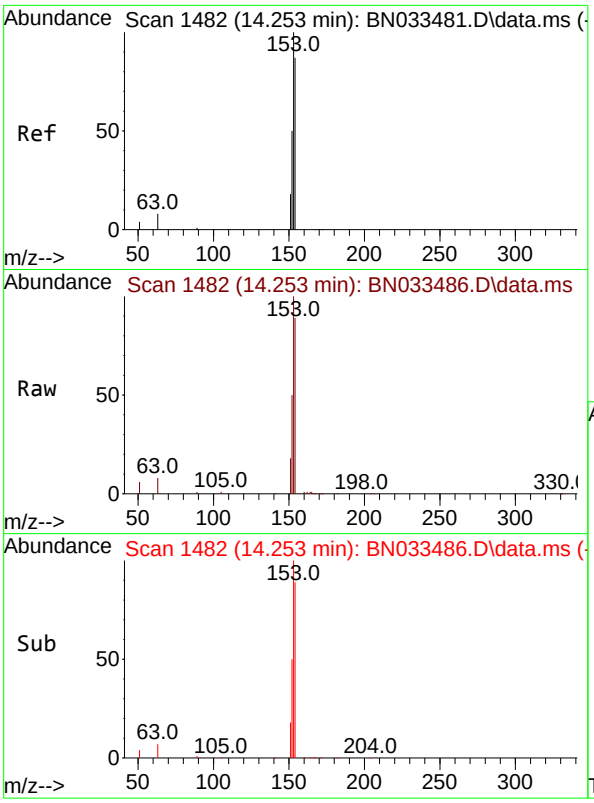


#16
Acenaphthylene
Concen: 0.342 ng
RT: 13.900 min Scan# 1449
Delta R.T. -0.011 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:152 Resp: 26801

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.8	10.3	15.5



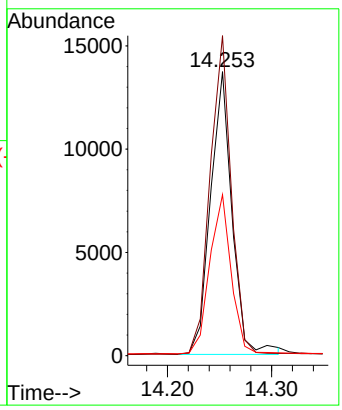


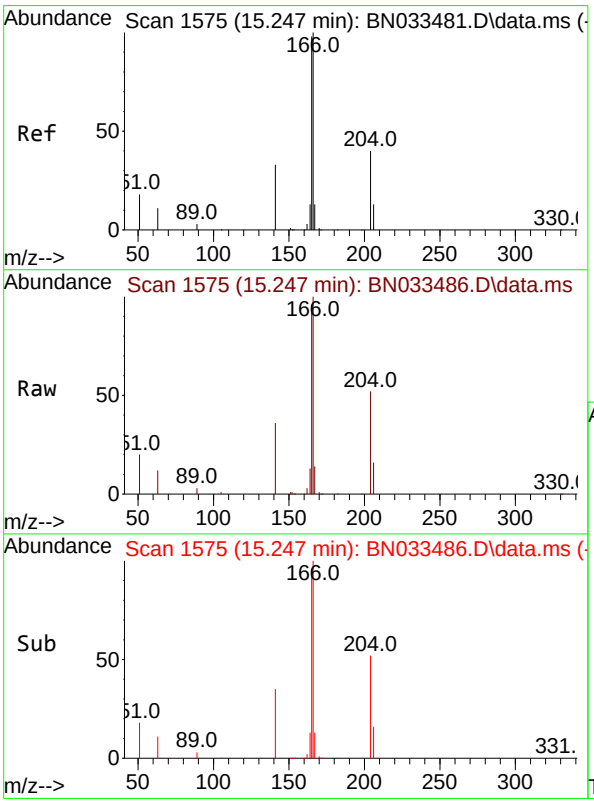
#17
Acenaphthene
Concen: 0.357 ng
RT: 14.253 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:154 Resp: 19654

Ion	Ratio	Lower	Upper
154	100		
153	110.4	89.0	133.6
152	55.9	45.2	67.8

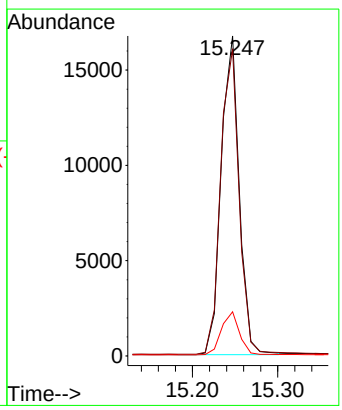


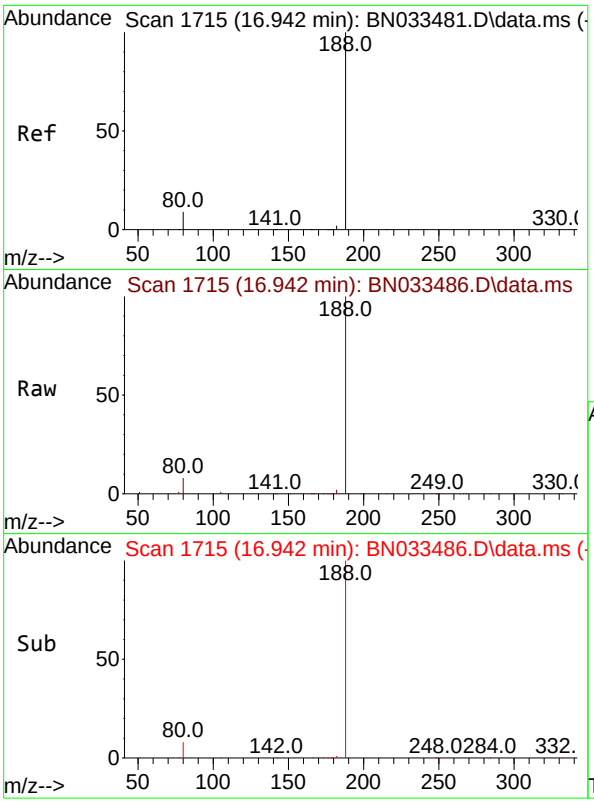


#18
Fluorene
Concen: 0.354 ng
RT: 15.247 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:166 Resp: 24565

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.4
167	13.5	10.6	16.0



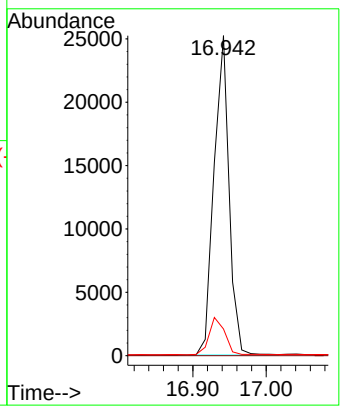


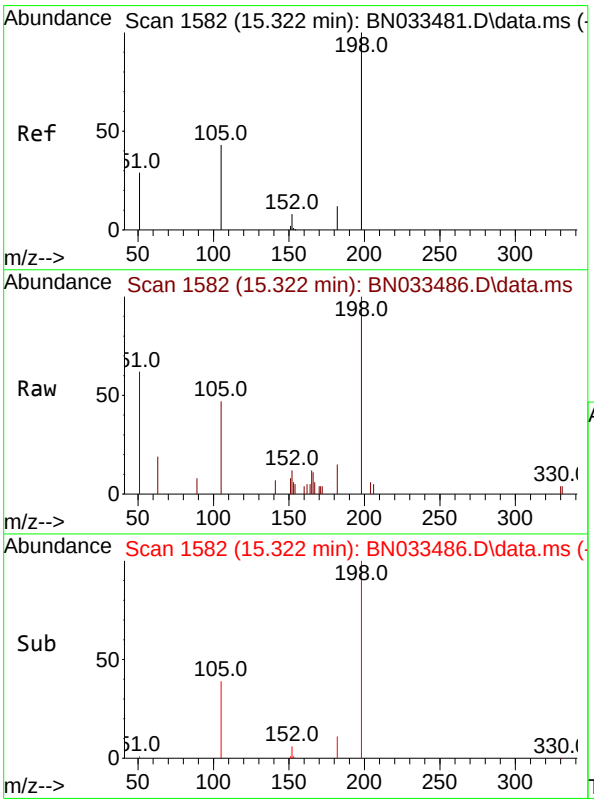
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:188 Resp: 35827

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.8	11.8

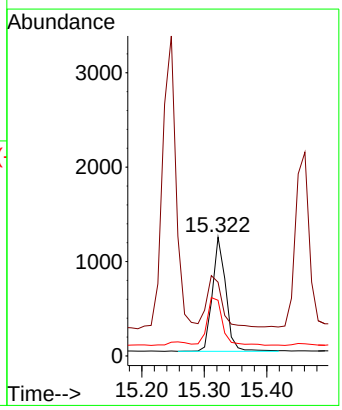


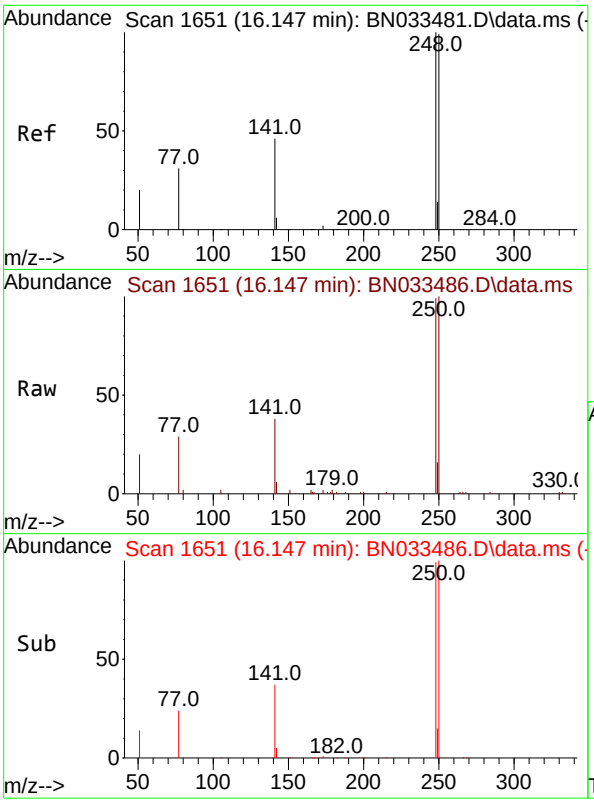


#20
4,6-Dinitro-2-methylphenol
Concen: 0.322 ng
RT: 15.322 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:198 Resp: 1803

Ion	Ratio	Lower	Upper
198	100		
51	62.1	65.1	97.7#
105	46.9	44.8	67.2



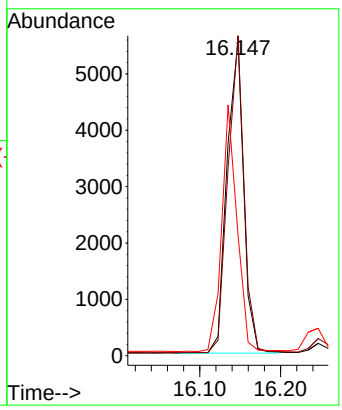


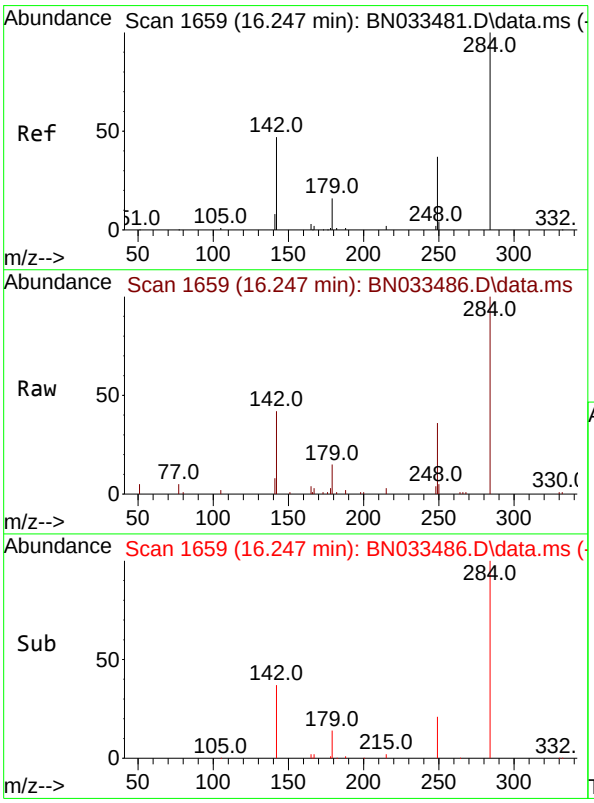
#21
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.147 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:248 Resp: 7966

Ion	Ratio	Lower	Upper
248	100		
250	101.5	79.2	118.8
141	38.3	37.9	56.9

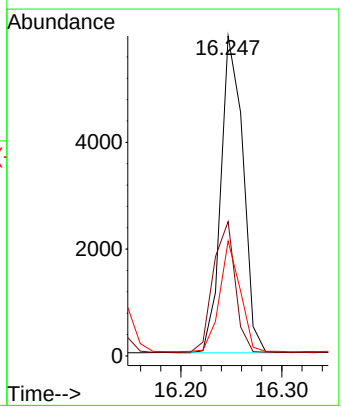


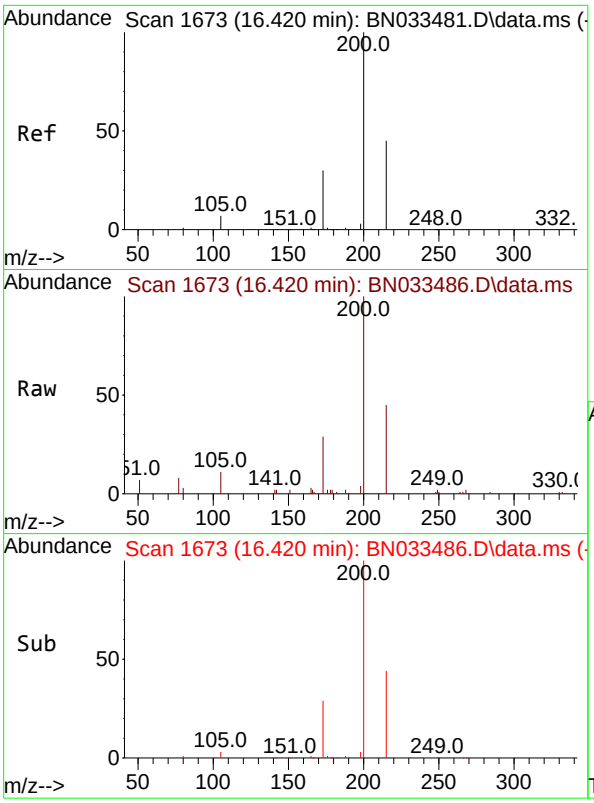


#22
Hexachlorobenzene
Concen: 0.376 ng
RT: 16.247 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:284 Resp: 9039

Ion	Ratio	Lower	Upper
284	100		
142	40.7	31.8	47.6
249	32.2	26.0	39.0



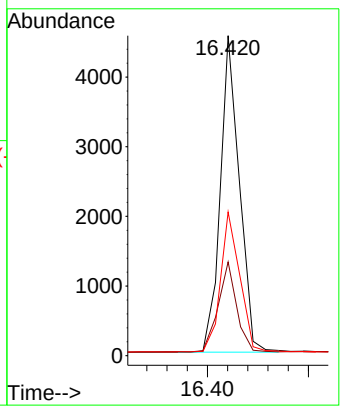


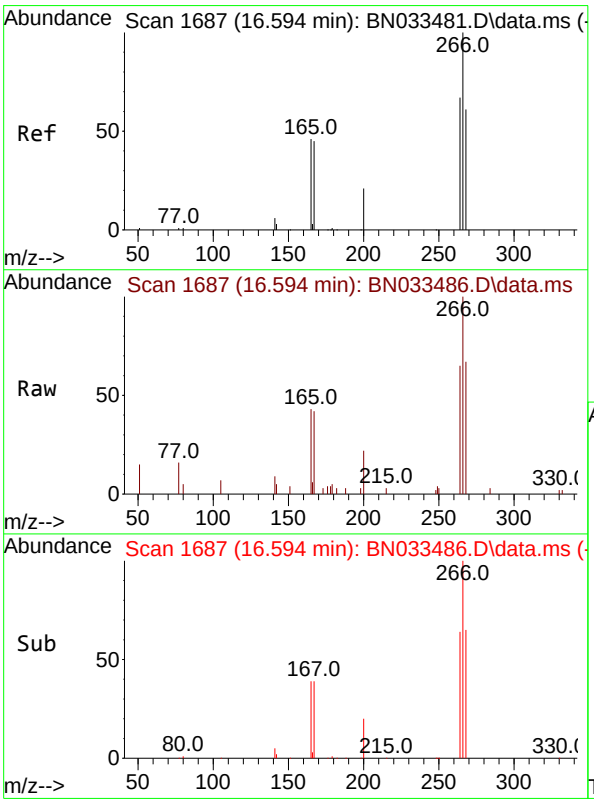
#23
Atrazine
Concen: 0.344 ng
RT: 16.420 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:200 Resp: 5969

Ion	Ratio	Lower	Upper
200	100		
173	29.3	25.3	37.9
215	44.9	36.6	54.8

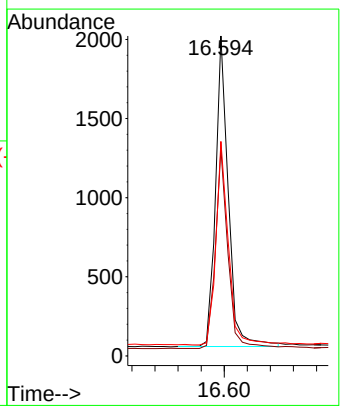


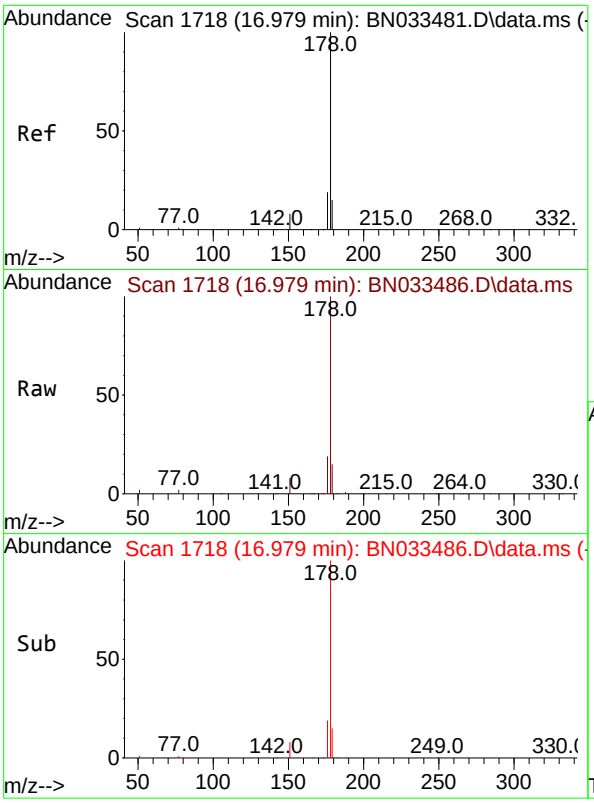


#24
Pentachlorophenol
Concen: 0.289 ng
RT: 16.594 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:266 Resp: 3006

Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.9	77.9
268	64.5	51.0	76.4



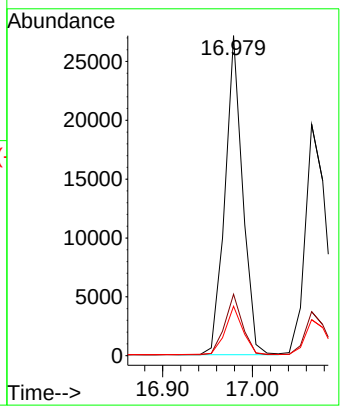


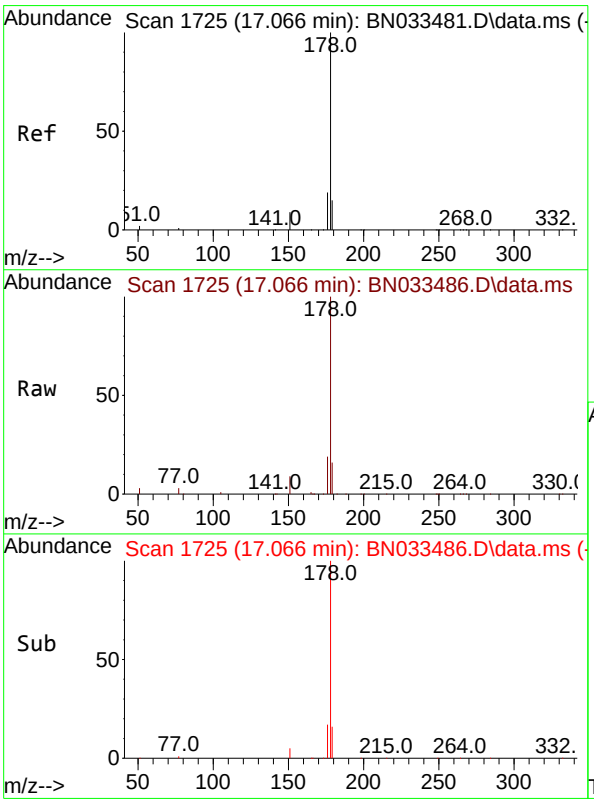
#25
Phenanthrene
Concen: 0.371 ng
RT: 16.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:178 Resp: 37016

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.3	18.5

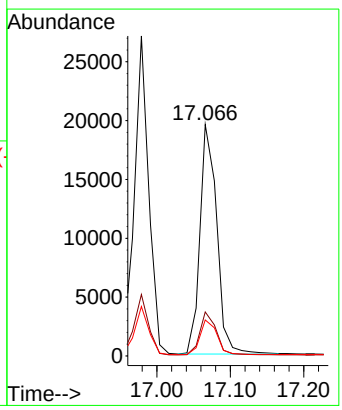


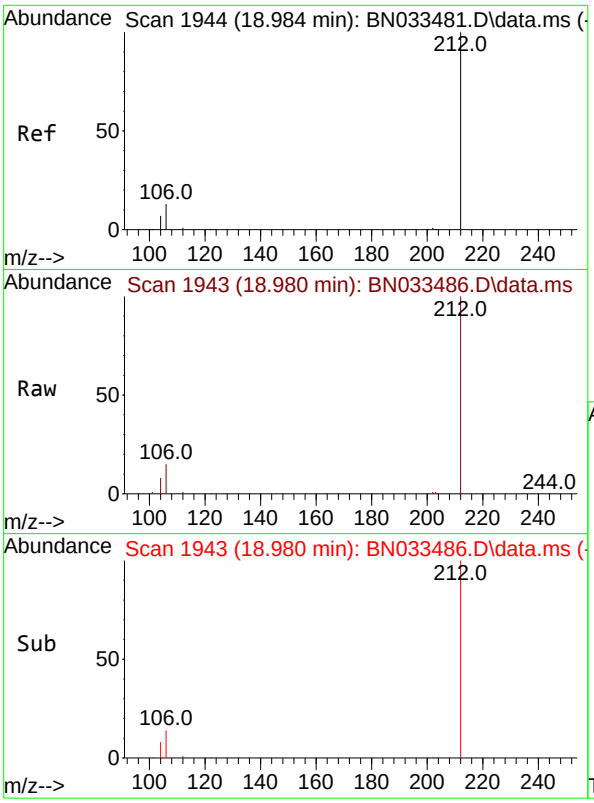


#26
Anthracene
Concen: 0.353 ng
RT: 17.066 min Scan# 1725
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:178 Resp: 31155

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.2	12.4	18.6



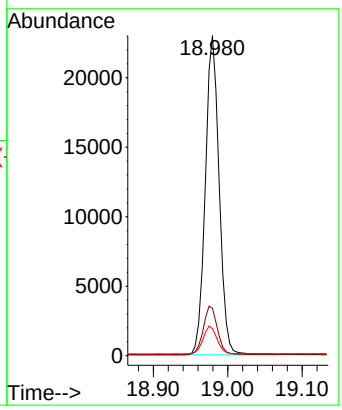


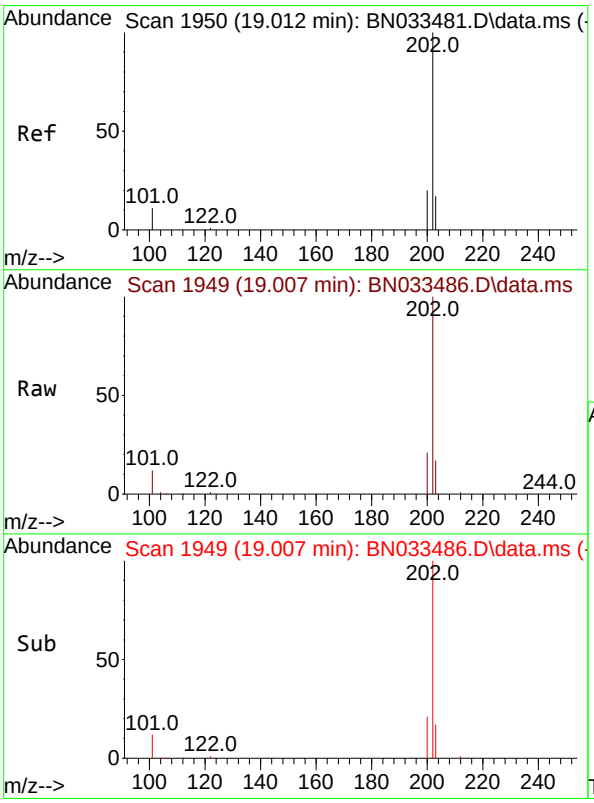
#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 18.980 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:212 Resp: 29700

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.3	18.5
104	8.8	7.0	10.4

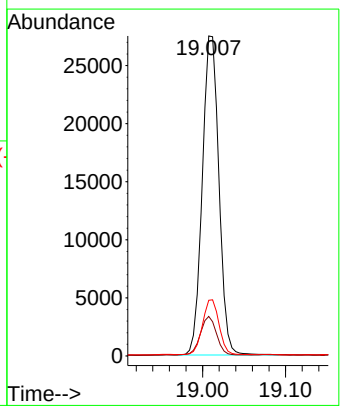


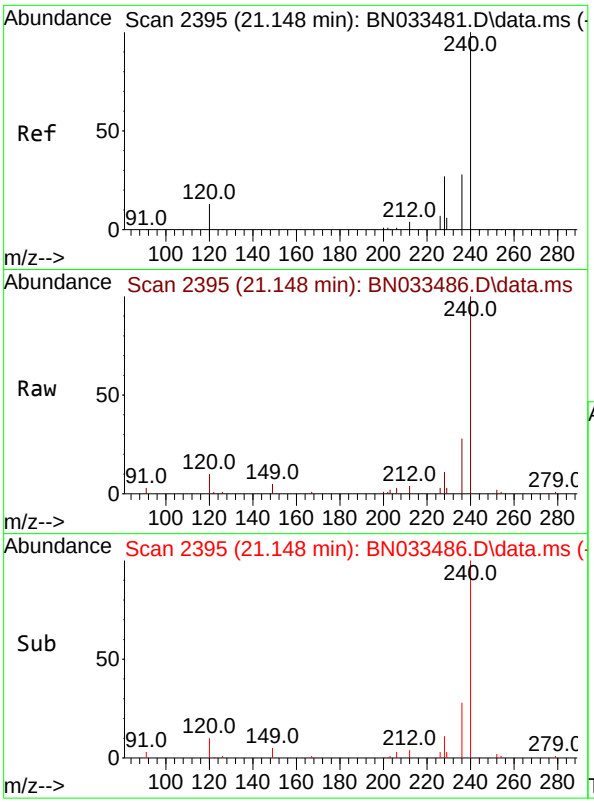


#28
Fluoranthene
Concen: 0.348 ng
RT: 19.007 min Scan# 1949
Delta R.T. -0.005 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:202 Resp: 38365

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.5	14.3
203	17.1	13.8	20.6



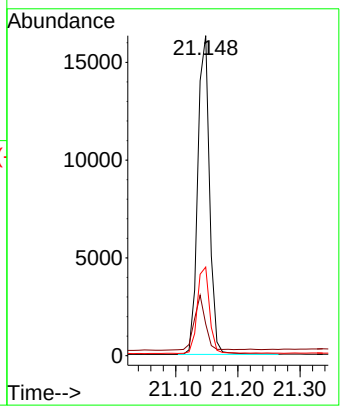


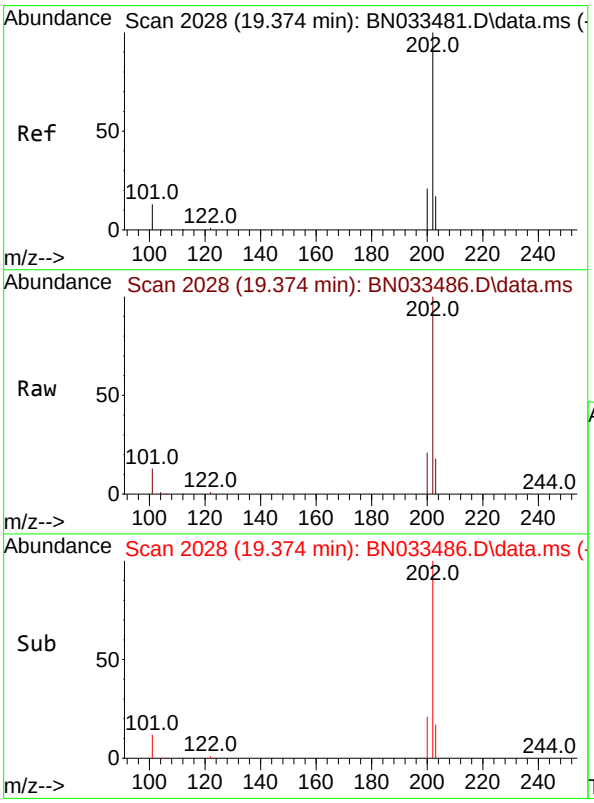
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:240 Resp: 21483

Ion	Ratio	Lower	Upper
240	100		
120	9.9	12.4	18.6#
236	27.7	23.0	34.6

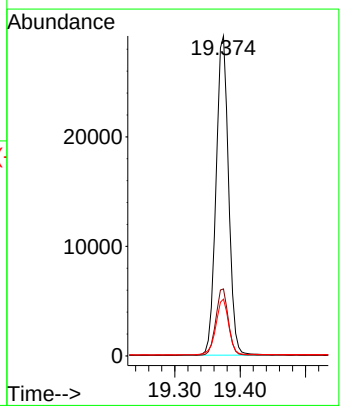


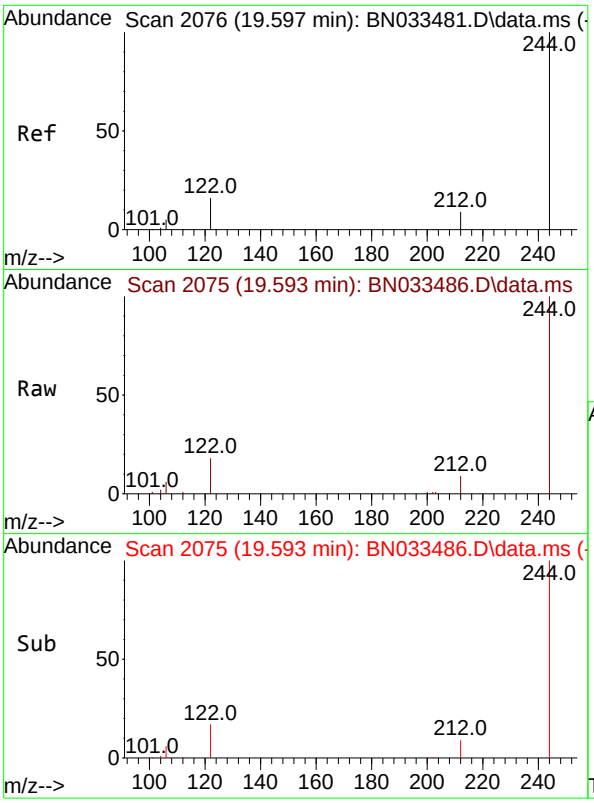


#30
Pyrene
Concen: 0.404 ng
RT: 19.374 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:202 Resp: 38735

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	24.8
203	18.0	14.2	21.4



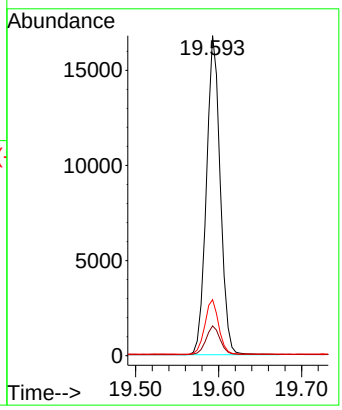


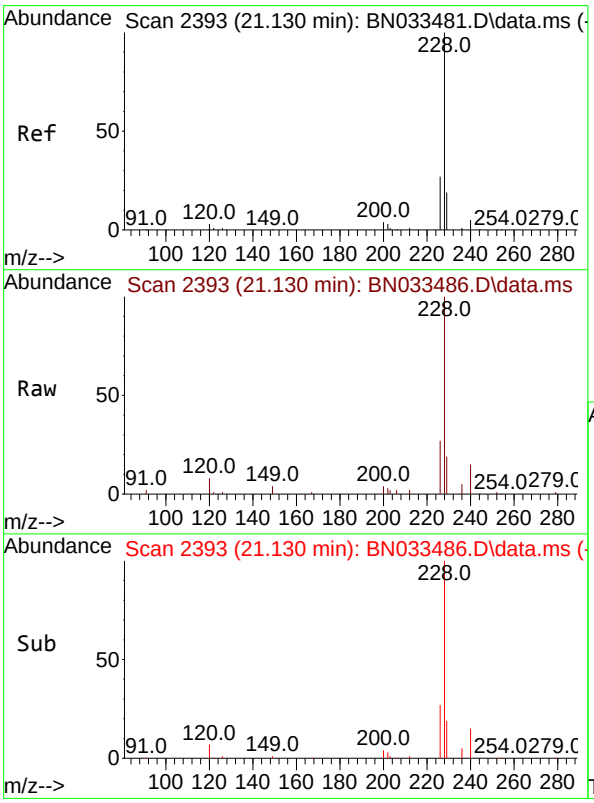
#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.593 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:244 Resp: 19462

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.8	11.6
122	17.5	13.3	19.9

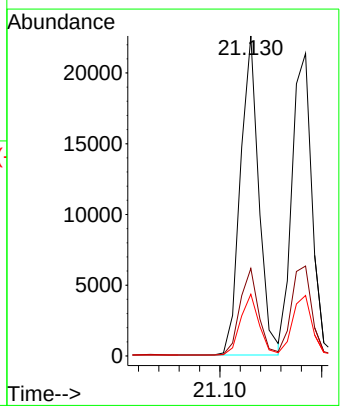


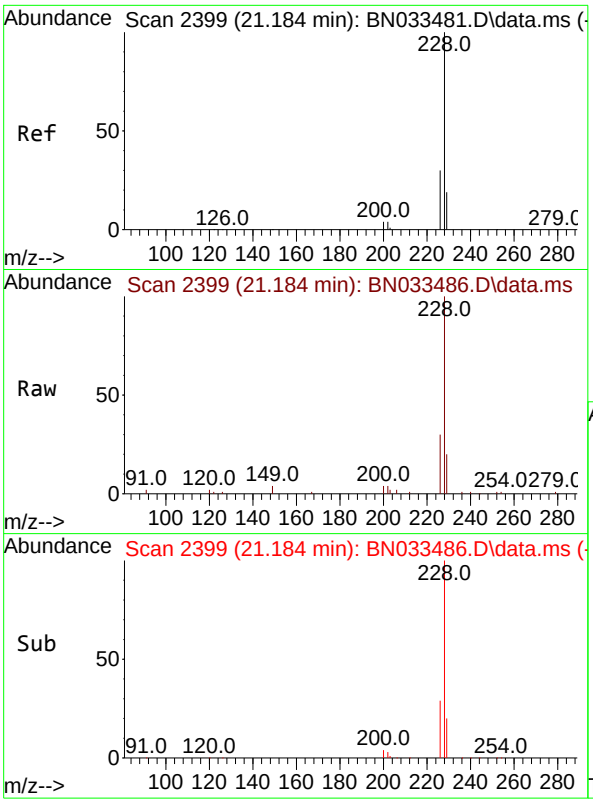


#32
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.130 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:228 Resp: 28298

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	19.3	15.8	23.6



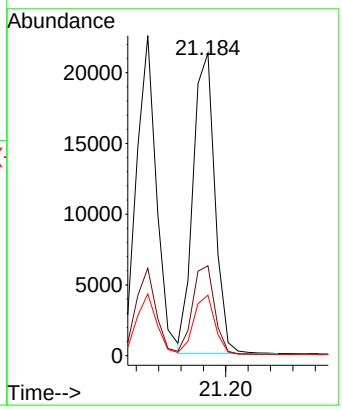


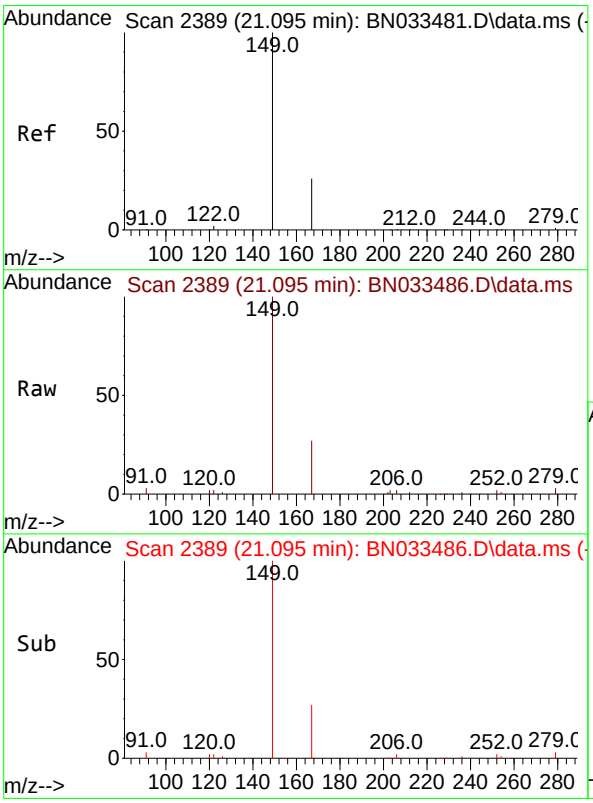
#33
Chrysene
Concen: 0.373 ng
RT: 21.184 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:228 Resp: 28782

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	20.0	15.6	23.4

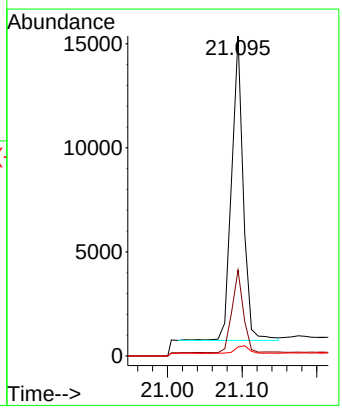


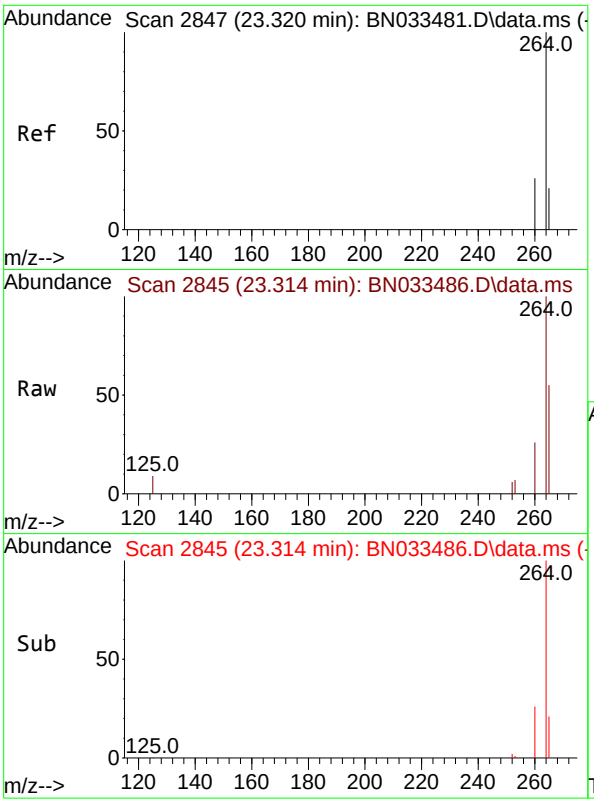


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.095 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:149 Resp: 15827

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.5	32.3
279	2.8	2.2	3.2



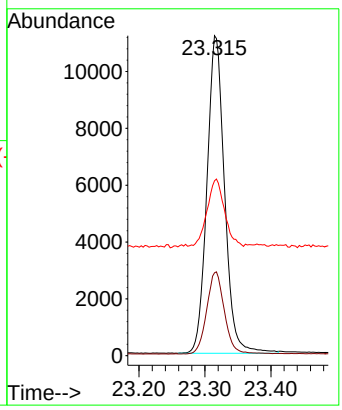


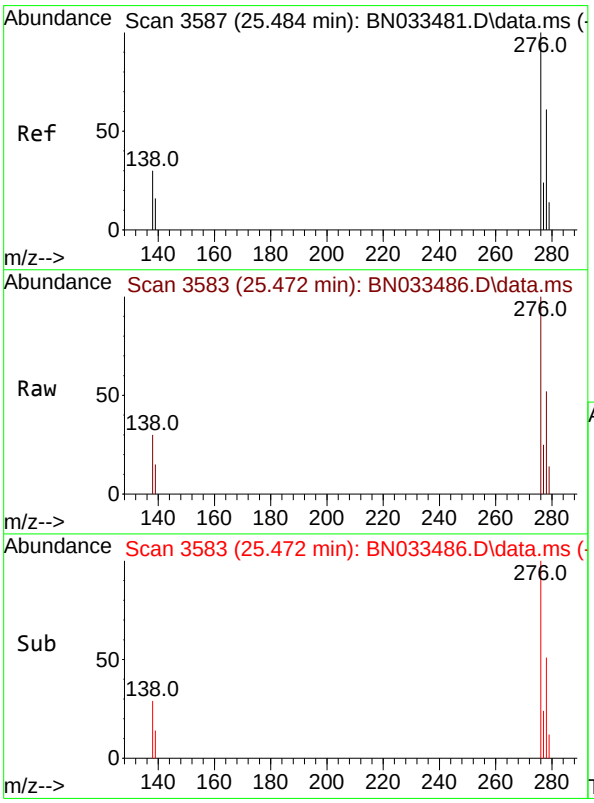
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.314 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:264 Resp: 20739

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.8	31.2
265	54.7	52.2	78.2

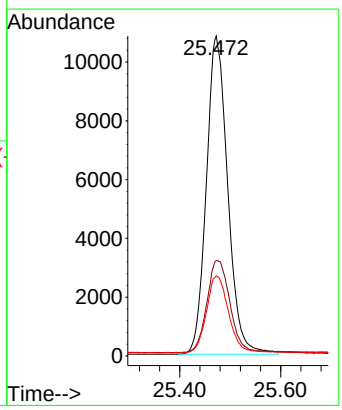


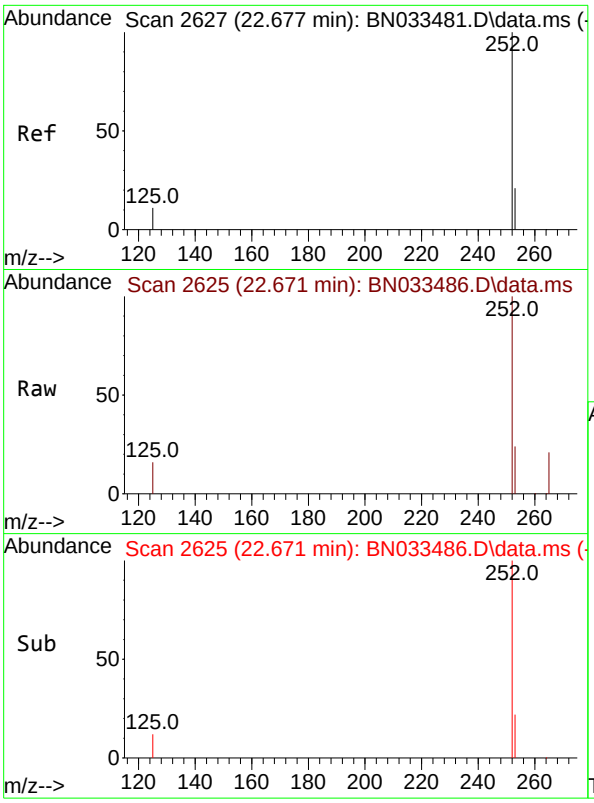


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng
RT: 25.472 min Scan# 3583
Delta R.T. -0.012 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:276 Resp: 31883

Ion	Ratio	Lower	Upper
276	100		
138	31.1	24.4	36.6
277	24.9	19.8	29.6



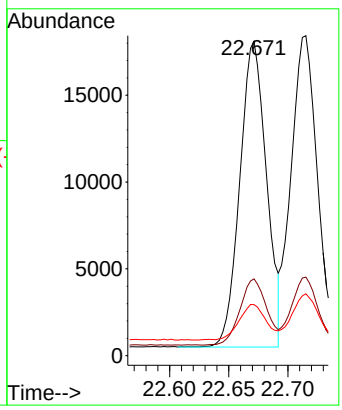


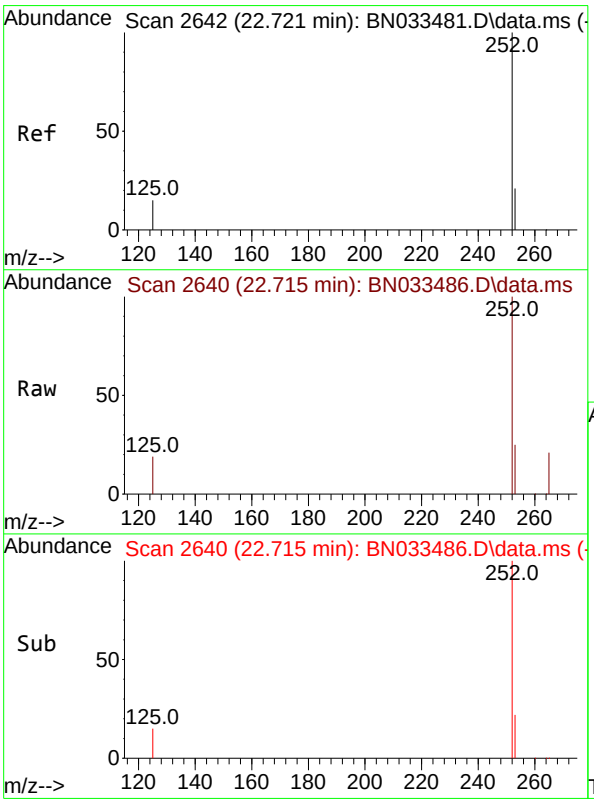
#37
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 22.671 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:252 Resp: 27618

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.8	29.8
125	16.2	13.9	20.9

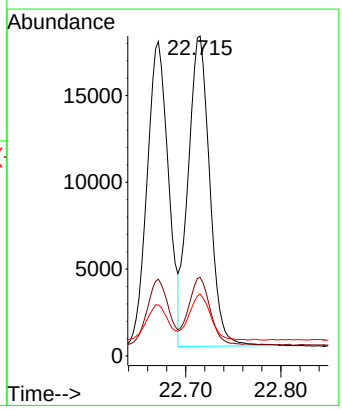


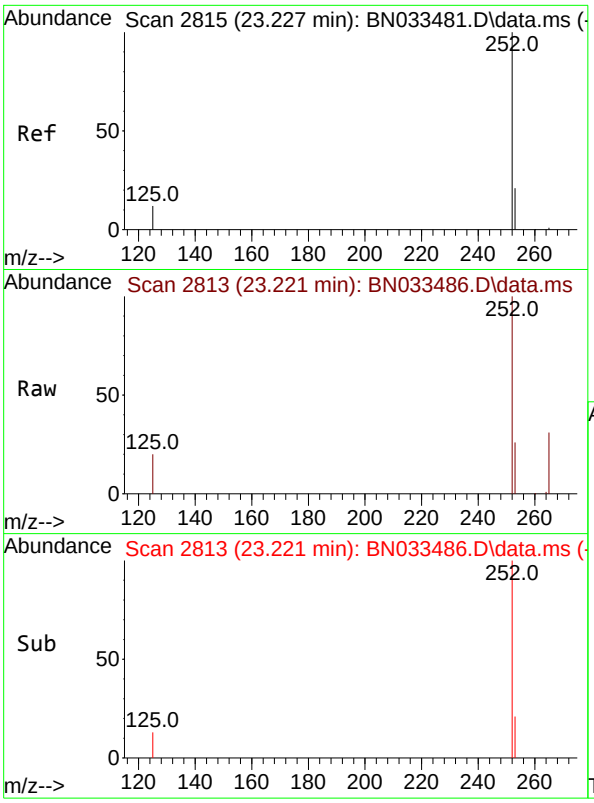


#38
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 22.715 min Scan# 2640
Delta R.T. -0.006 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:252 Resp: 28035

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.8	29.8
125	19.3	15.8	23.8



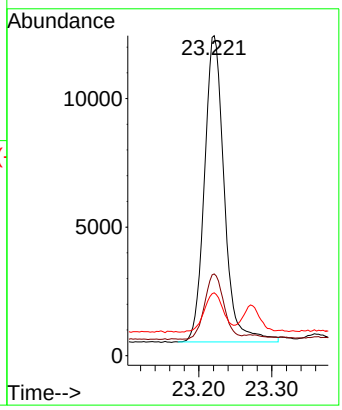


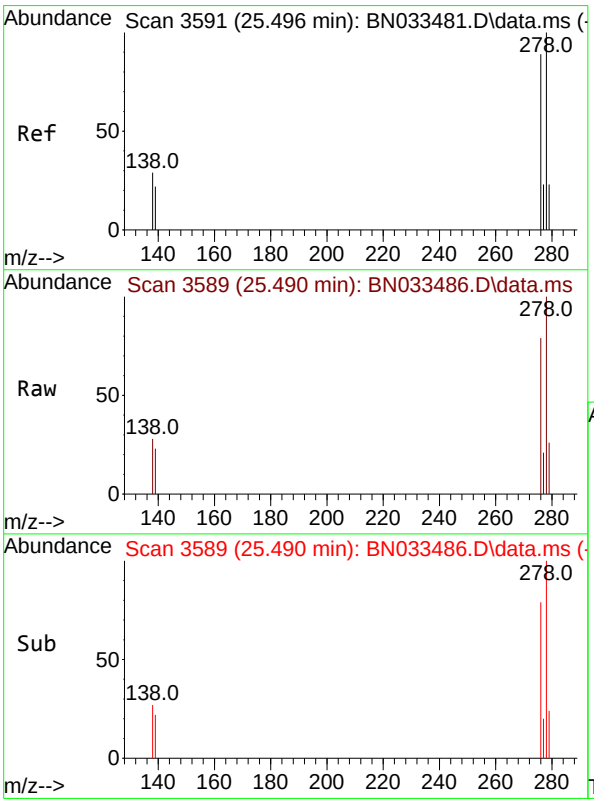
#39
Benzo(a)pyrene
Concen: 0.351 ng
RT: 23.221 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:252 Resp: 22480

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.5	32.3
125	19.6	17.0	25.4

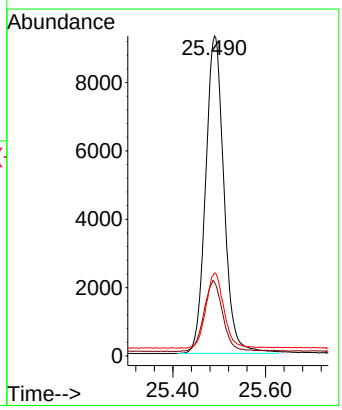


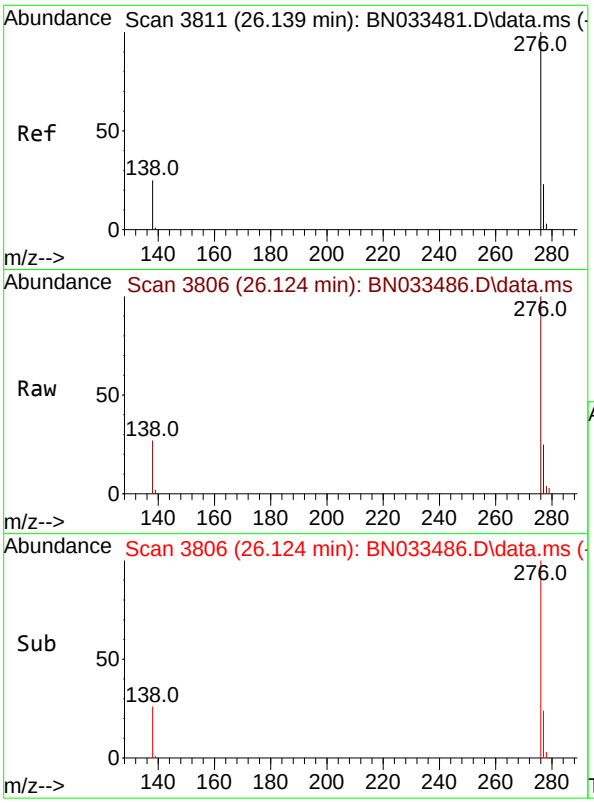


#40
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 25.490 min Scan# 3589
Delta R.T. -0.006 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Tgt Ion:278 Resp: 25600

Ion	Ratio	Lower	Upper
278	100		
139	23.0	19.1	28.7
279	26.0	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.361 ng
RT: 26.124 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN033486.D
Acq: 20 Aug 2024 01:56

Instrument :
BNA_N
ClientSampleId :
ICVBN081924

Tgt Ion:276 Resp: 26587

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	27.4	21.8	32.6