Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033787.D
Acq On : 06 Sep 2024 17:55
Operator : MA/JU
Sample : IDOC-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Quant Time: Sep 06 18:21:55 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 18:36:01 2024
Response via : Initial Calibration

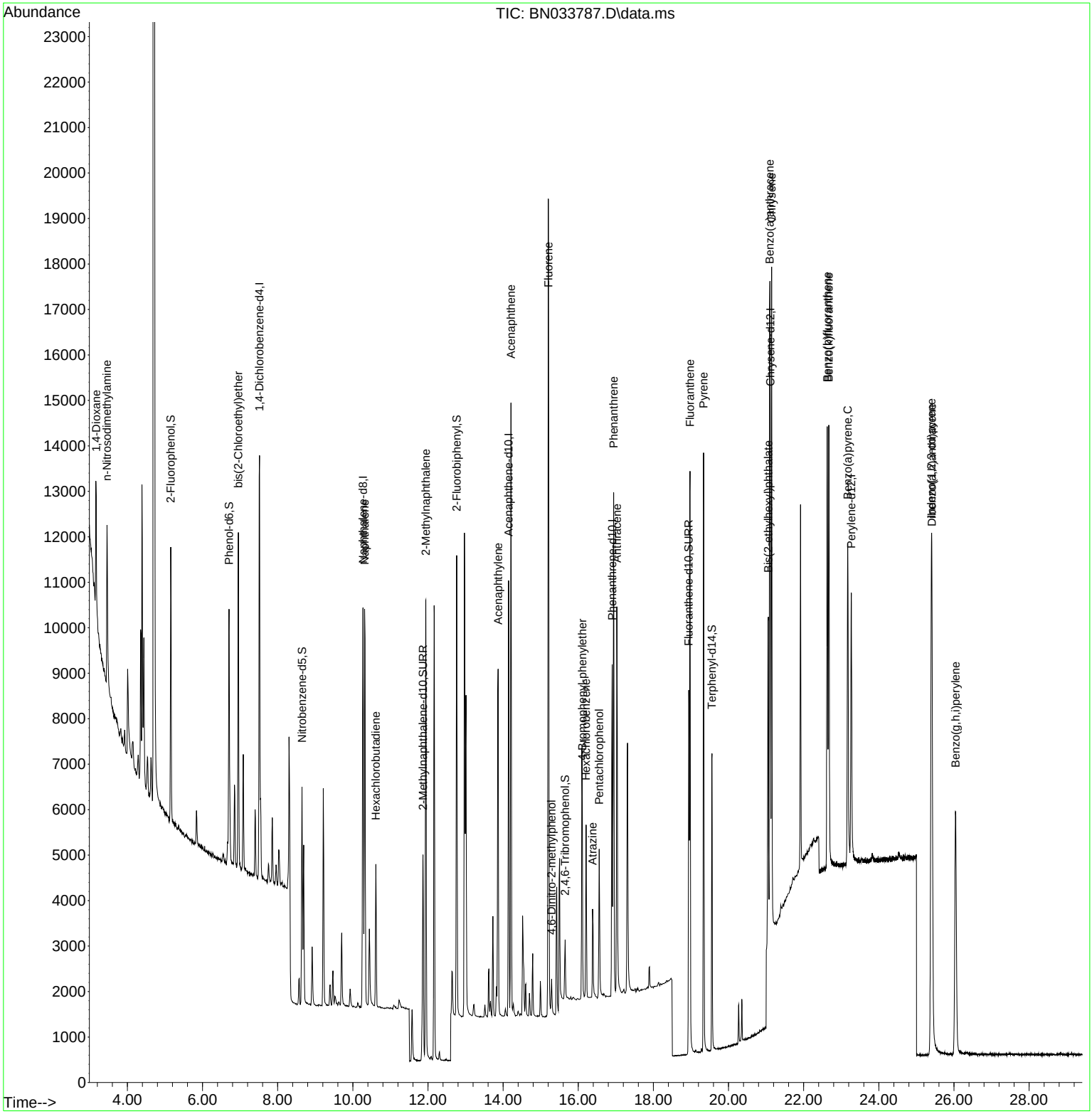
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	4406	0.400	ng	0.00
7) Naphthalene-d8	10.271	136	11375	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5189	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	10000	0.400	ng	0.00
29) Chrysene-d12	21.112	240	7497	0.400	ng	0.00
35) Perylene-d12	23.268	264	7770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	4220	0.313	ng	0.00
5) Phenol-d6	6.707	99	4879	0.306	ng	0.00
8) Nitrobenzene-d5	8.649	82	3608	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	11.869	152	7572	0.471	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	741	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	8559	0.396	ng	0.00
27) Fluoranthene-d10	18.942	212	9257	0.375	ng	0.00
31) Terphenyl-d14	19.560	244	6388	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1672	0.334	ng	# 39
3) n-Nitrosodimethylamine	3.457	42	2423	0.412	ng	93
6) bis(2-Chloroethyl)ether	6.953	93	4707	0.391	ng	97
9) Naphthalene	10.314	128	11741	0.386	ng	99
10) Hexachlorobutadiene	10.613	225	2429	0.384	ng	# 100
12) 2-Methylnaphthalene	11.945	142	7329	0.393	ng	99
16) Acenaphthylene	13.868	152	8991	0.401	ng	100
17) Acenaphthene	14.210	154	6202	0.403	ng	99
18) Fluorene	15.204	166	7393	0.390	ng	100
20) 4,6-Dinitro-2-methylph...	15.290	198	593	0.376	ng	# 73
21) 4-Bromophenyl-phenylether	16.110	248	2229	0.385	ng	96
22) Hexachlorobenzene	16.209	284	2619	0.394	ng	97
23) Atrazine	16.383	200	1740	0.376	ng	# 86
24) Pentachlorophenol	16.557	266	1497	0.551	ng	96
25) Phenanthrene	16.942	178	11115	0.403	ng	99
26) Anthracene	17.028	178	9581	0.400	ng	100
28) Fluoranthene	18.975	202	11716	0.379	ng	99
30) Pyrene	19.337	202	12111	0.401	ng	100
32) Benzo(a)anthracene	21.094	228	10641	0.398	ng	98
33) Chrysene	21.148	228	11359	0.429	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	5535	0.379	ng	100
36) Indeno(1,2,3-cd)pyrene	25.399	276	13902	0.433	ng	98
37) Benzo(b)fluoranthene	22.627	252	11396	0.399	ng	99
38) Benzo(k)fluoranthene	22.671	252	12137	0.436	ng	99
39) Benzo(a)pyrene	23.171	252	10110	0.424	ng	98
40) Dibenzo(a,h)anthracene	25.414	278	11031	0.429	ng	98
41) Benzo(g,h,i)perylene	26.045	276	10952	0.392	ng	99

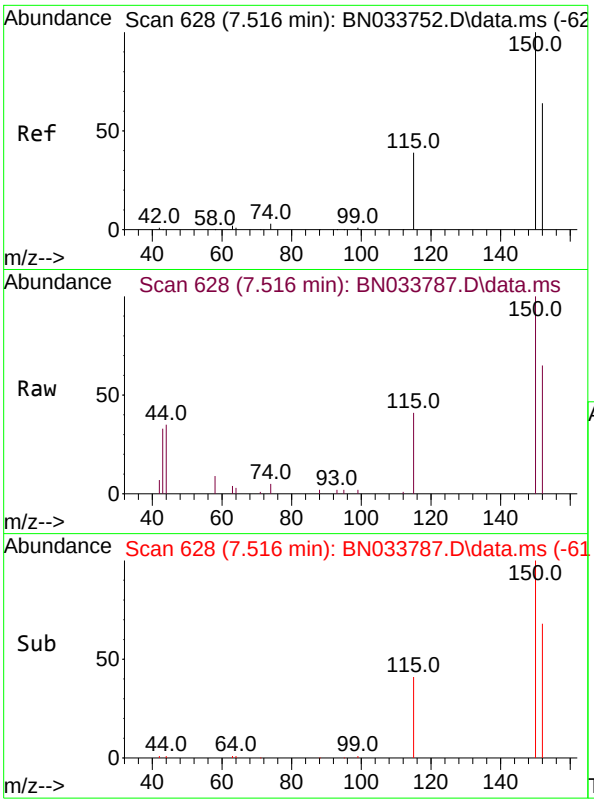
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033787.D
Acq On : 06 Sep 2024 17:55
Operator : MA/JU
Sample : IDOC-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Quant Time: Sep 06 18:21:55 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 18:36:01 2024
Response via : Initial Calibration



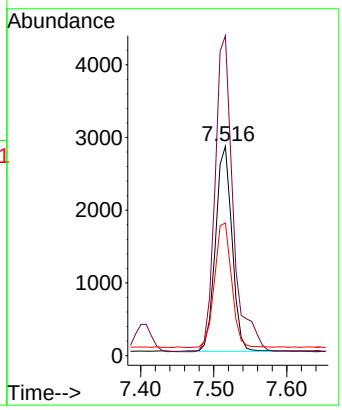


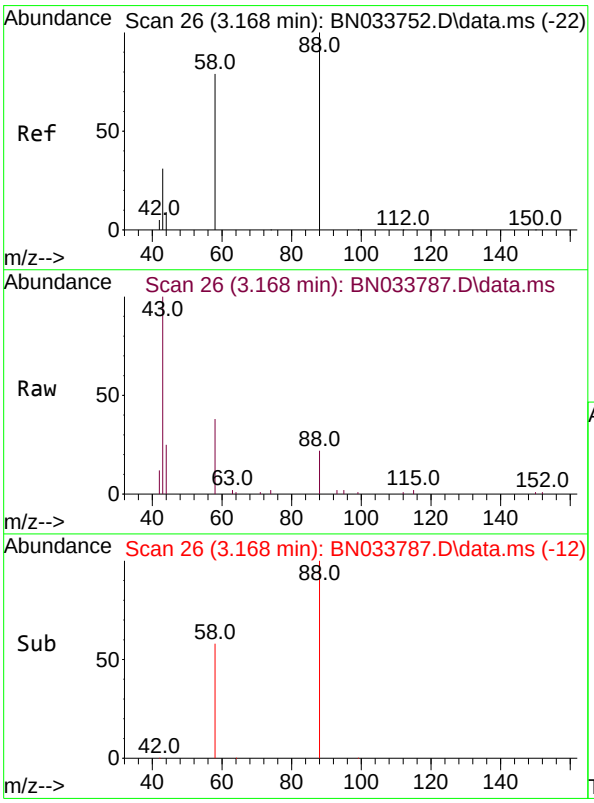
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.516 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:152 Resp: 4406

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.3	184.9
115	63.4	51.0	76.4

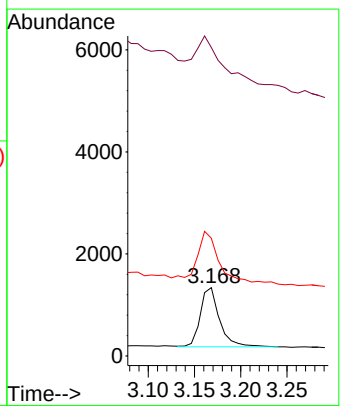


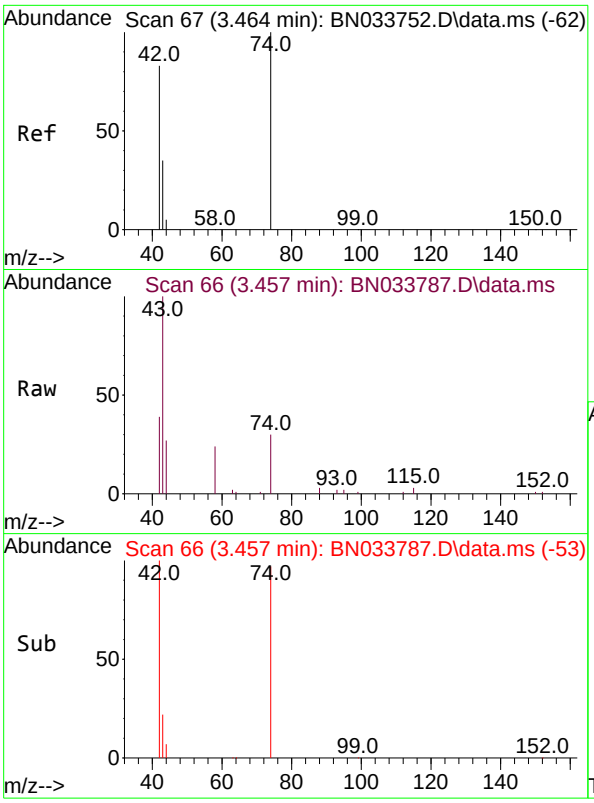


#2
1,4-Dioxane
Concen: 0.334 ng
RT: 3.168 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion: 88 Resp: 1672

Ion	Ratio	Lower	Upper
88	100		
43	119.4	29.0	43.4#
58	101.9	64.1	96.1#



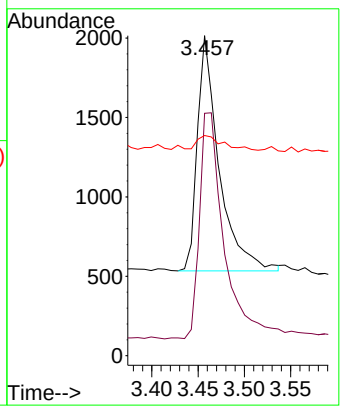


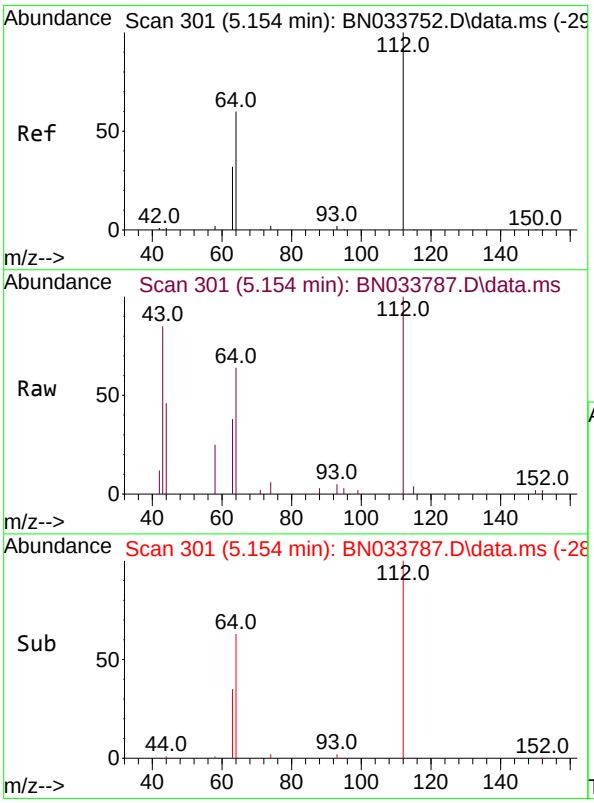
#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.457 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion: 42 Resp: 2423

Ion	Ratio	Lower	Upper
42	100		
74	108.5	93.5	140.3
44	8.3	7.4	11.0

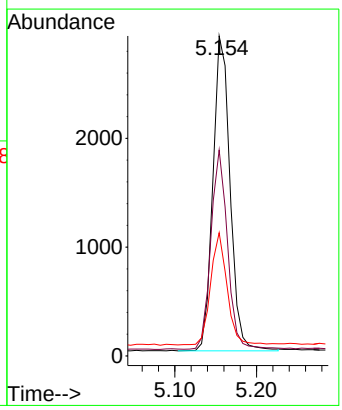


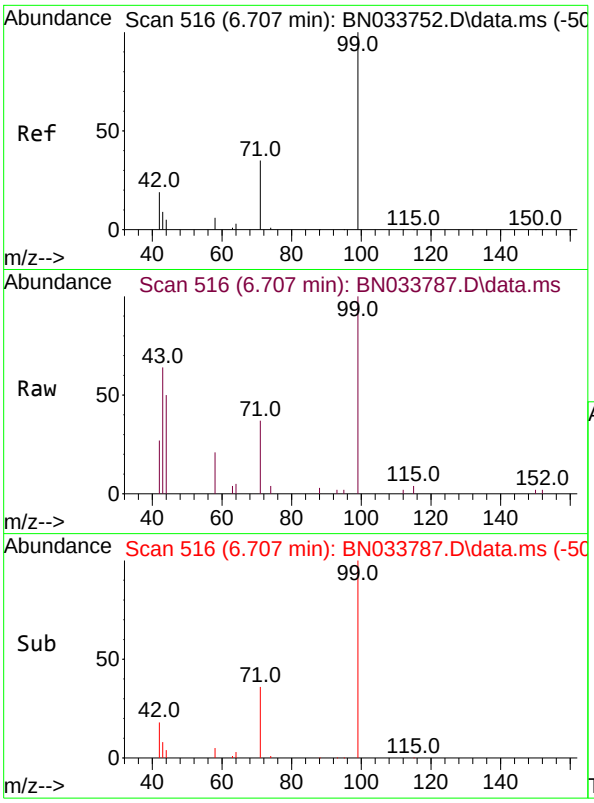


#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:112 Resp: 4220

Ion	Ratio	Lower	Upper
112	100		
64	61.5	47.6	71.4
63	34.4	25.9	38.9



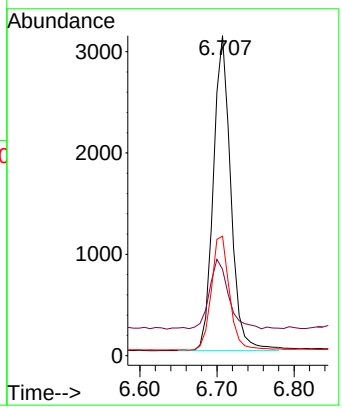


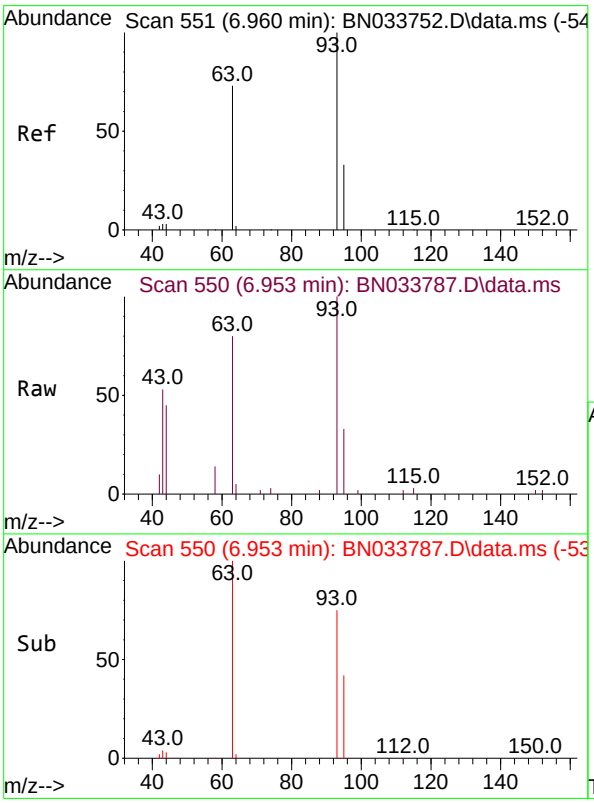
#5
Phenol-d6
Concen: 0.306 ng
RT: 6.707 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion: 99 Resp: 4879

Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.0	27.0
71	37.6	28.7	43.1

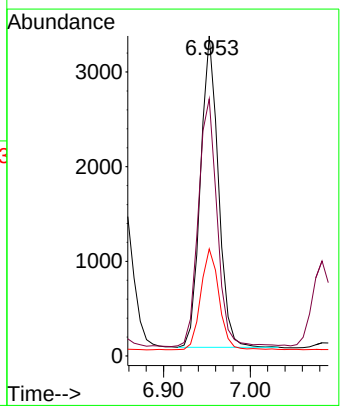


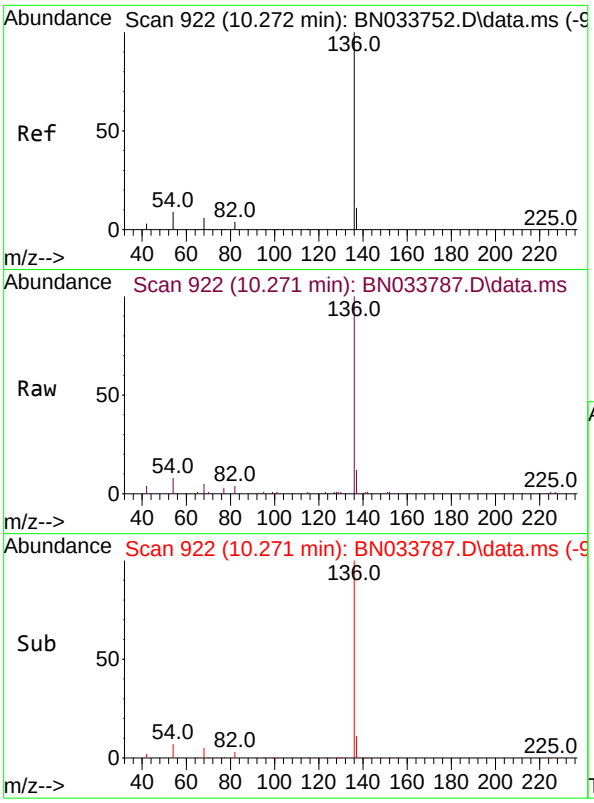


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 6.953 min Scan# 550
Delta R.T. -0.007 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion: 93 Resp: 4707

Ion	Ratio	Lower	Upper
93	100		
63	83.7	64.4	96.6
95	33.1	26.5	39.7



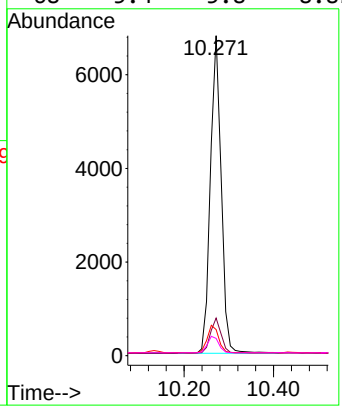


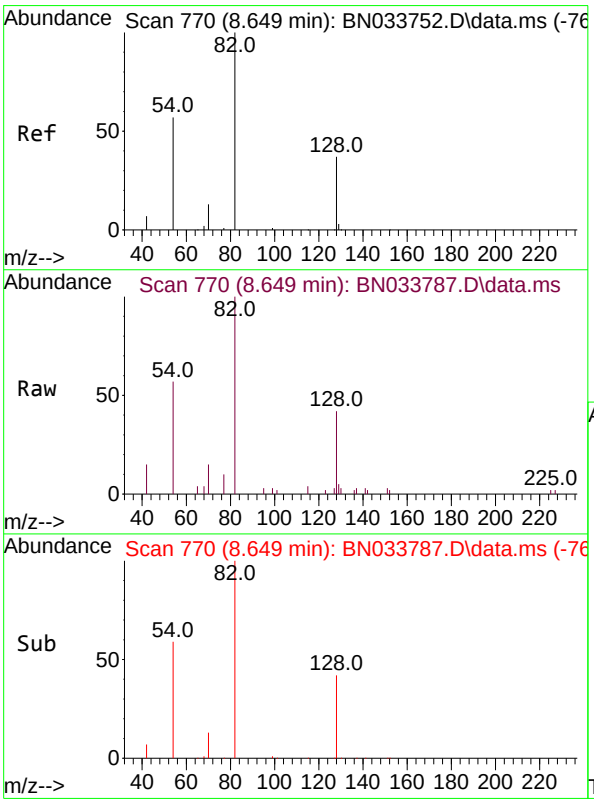
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.271 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:136 Resp: 11375

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	8.2	8.1	12.1
68	5.4	5.8	8.8#

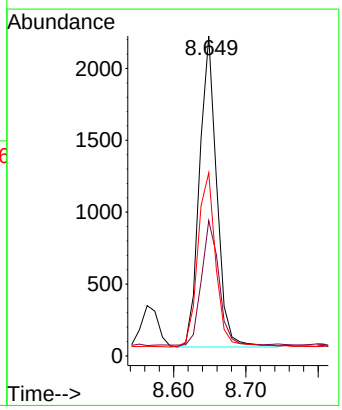


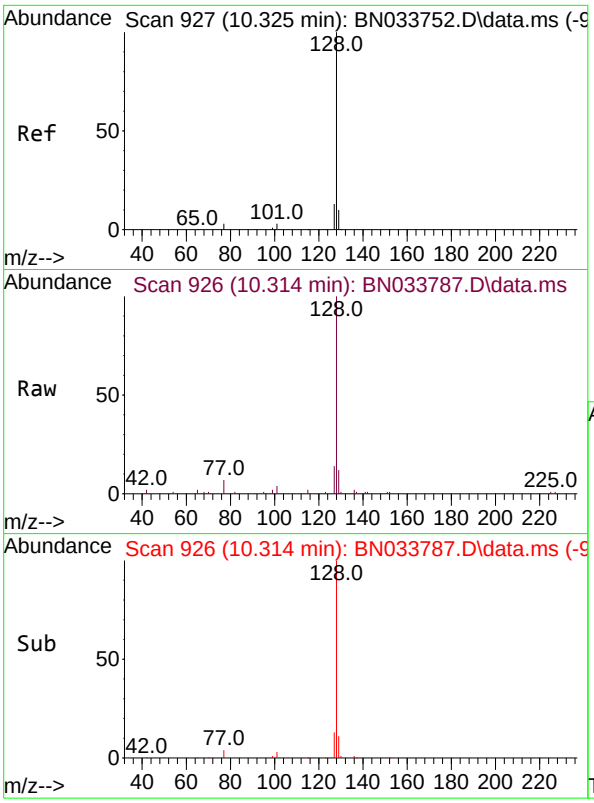


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion: 82 Resp: 3608

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.3	46.9
54	57.2	46.9	70.3



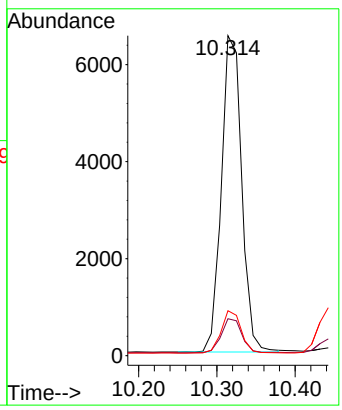


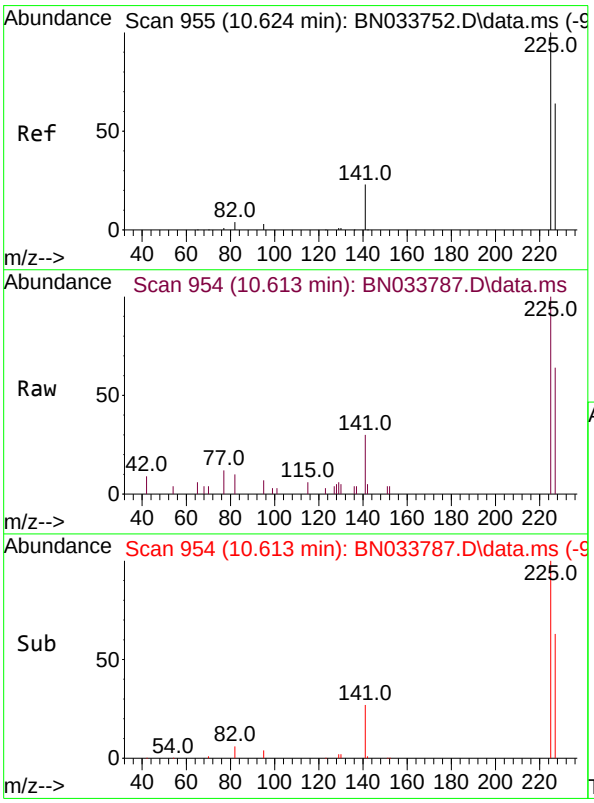
#9
Naphthalene
Concen: 0.386 ng
RT: 10.314 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:128 Resp: 11741

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	14.1	10.8	16.2

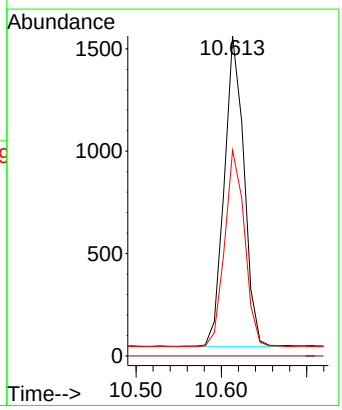


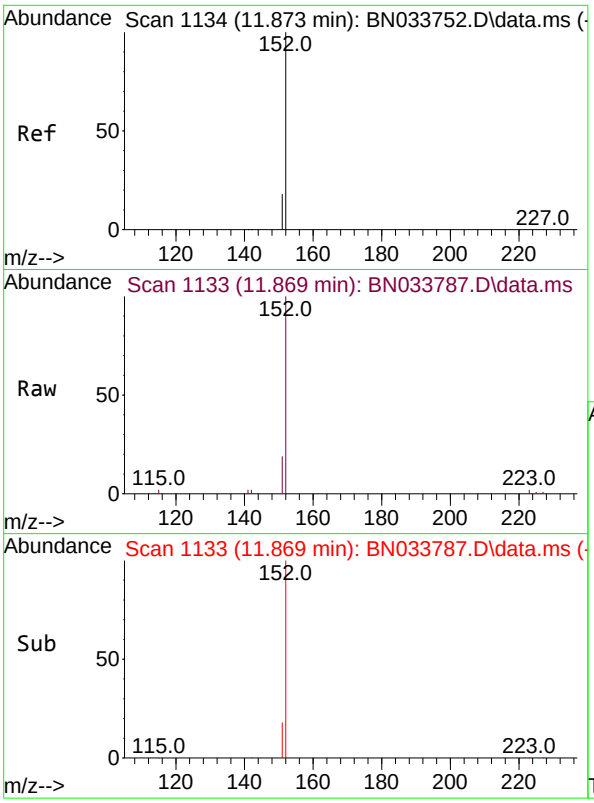


#10
Hexachlorobutadiene
Concen: 0.384 ng
RT: 10.613 min Scan# 954
Delta R.T. -0.011 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:225 Resp: 2429

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.2	76.8



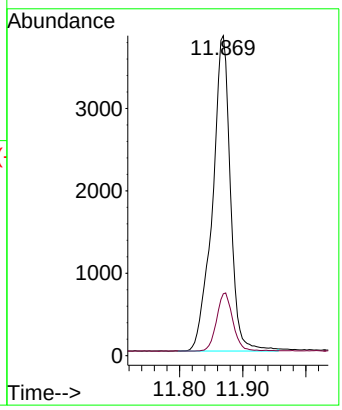


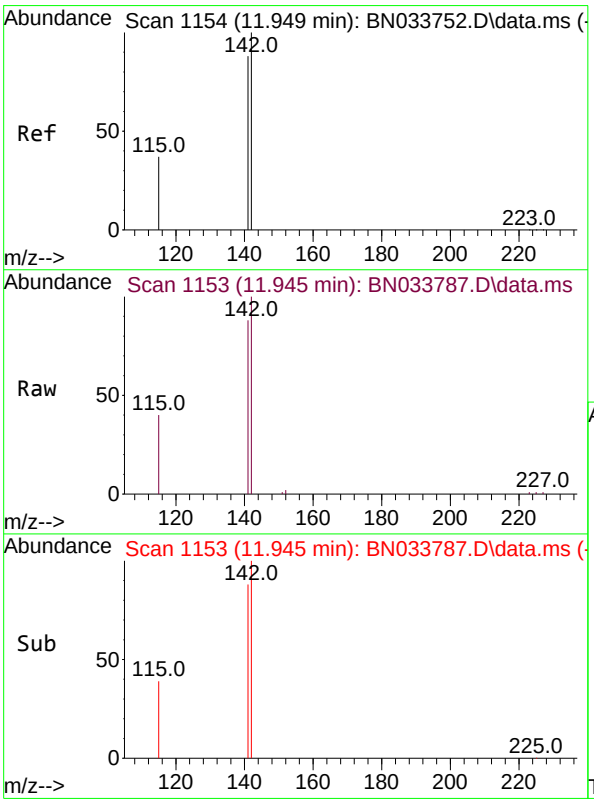
#11
2-Methylnaphthalene-d10
Concen: 0.471 ng
RT: 11.869 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:152 Resp: 7572

Ion	Ratio	Lower	Upper
152	100		
151	16.7	16.7	25.1#

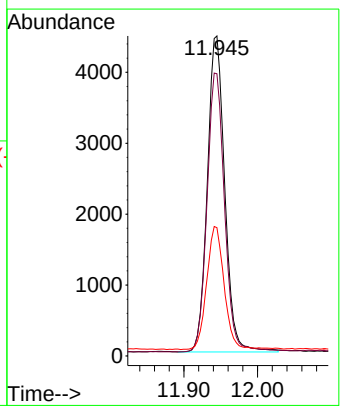


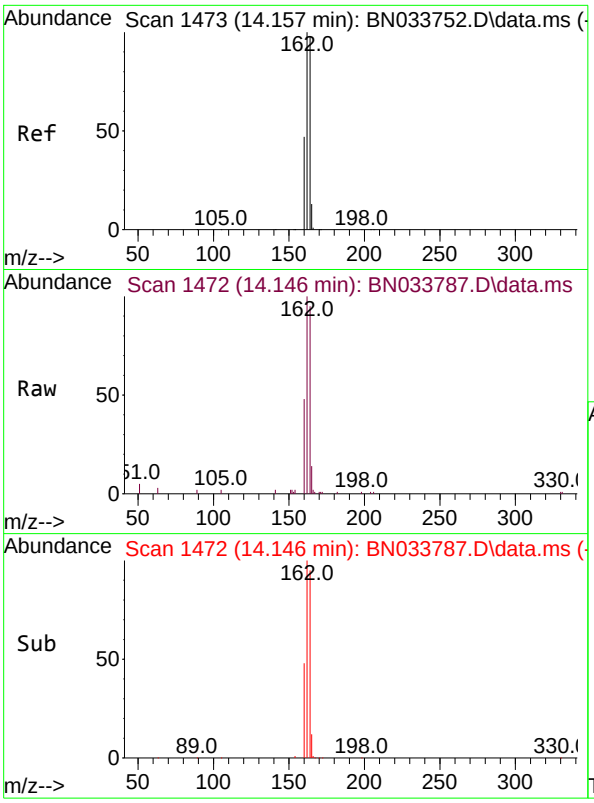


#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 11.945 min Scan# 1153
Delta R.T. -0.004 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:142 Resp: 7329

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.9	106.3
115	40.1	31.0	46.4



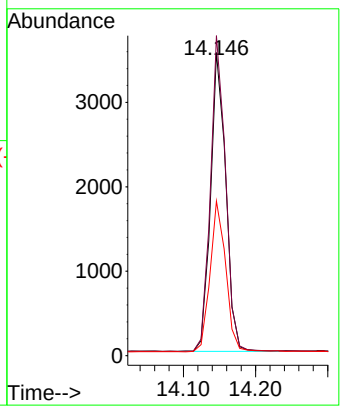


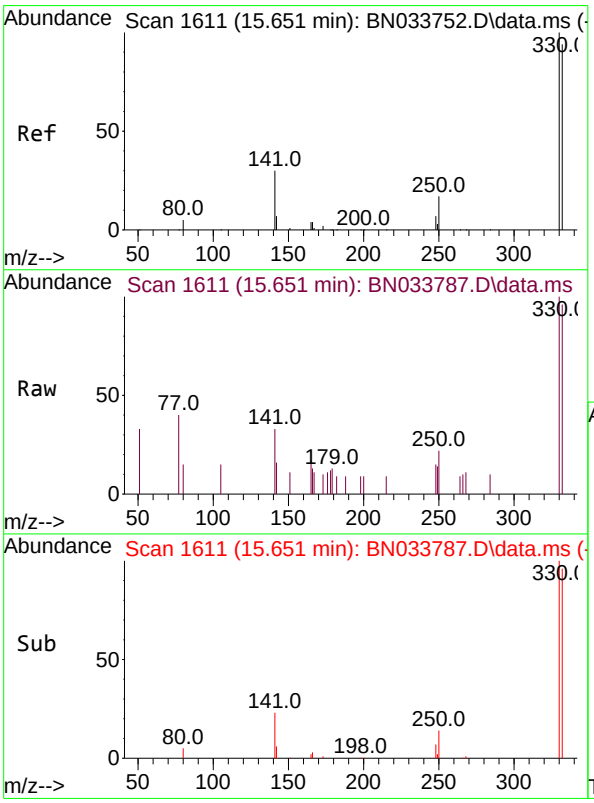
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:164 Resp: 5189

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.0	123.0
160	51.0	39.1	58.7

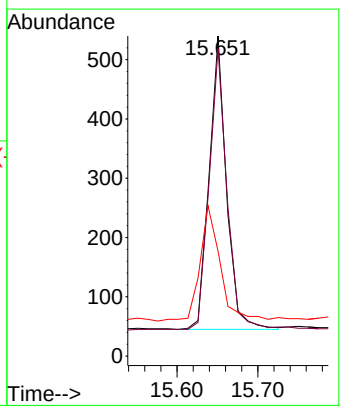


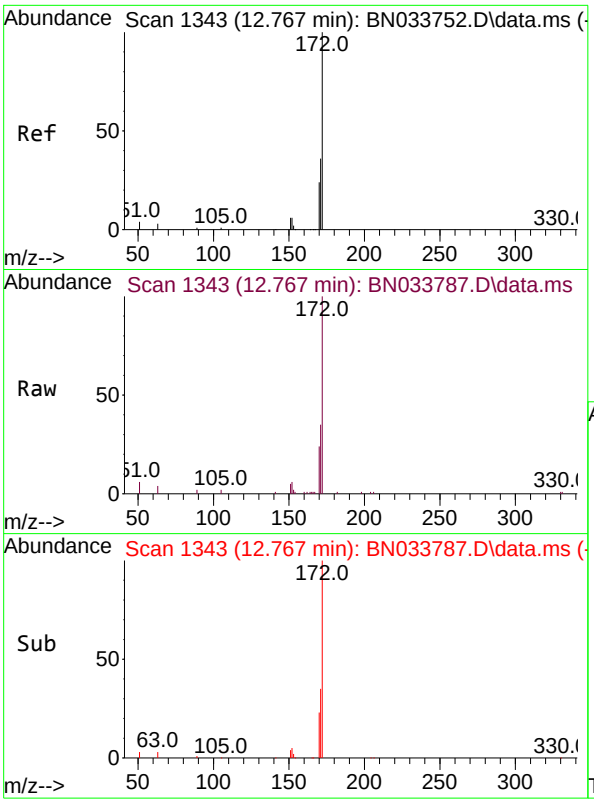


#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:330 Resp: 741

Ion	Ratio	Lower	Upper
330	100		
332	97.4	74.2	111.4
141	46.8	33.9	50.9



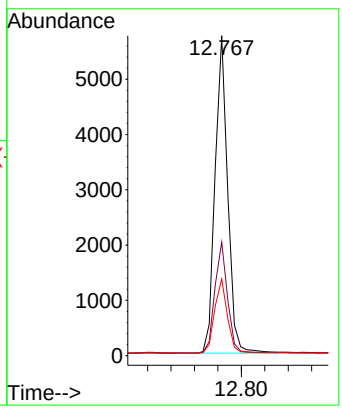


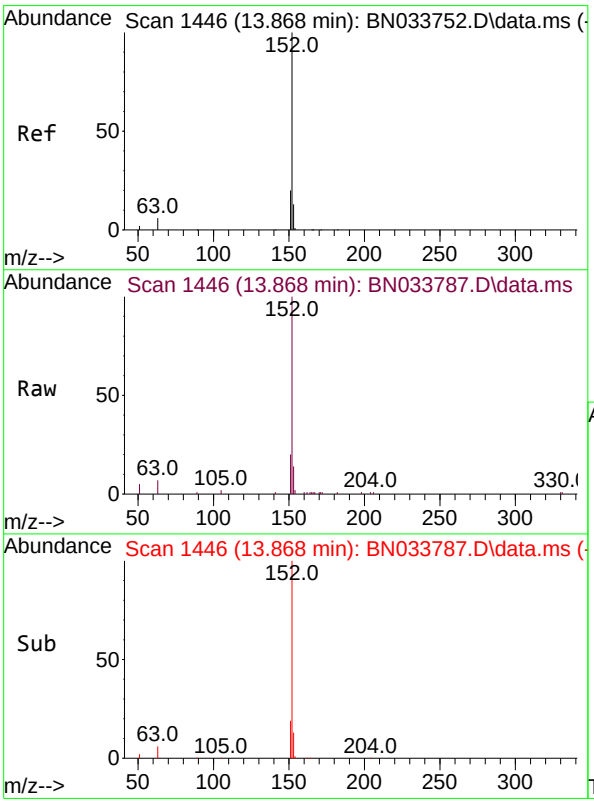
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.767 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:172 Resp: 8559

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.9	19.7	29.5

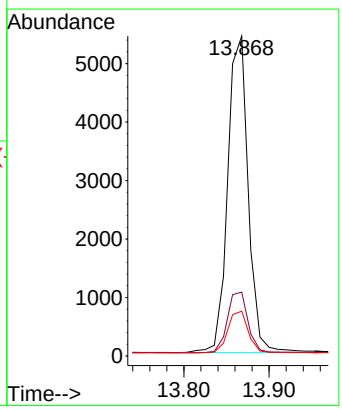


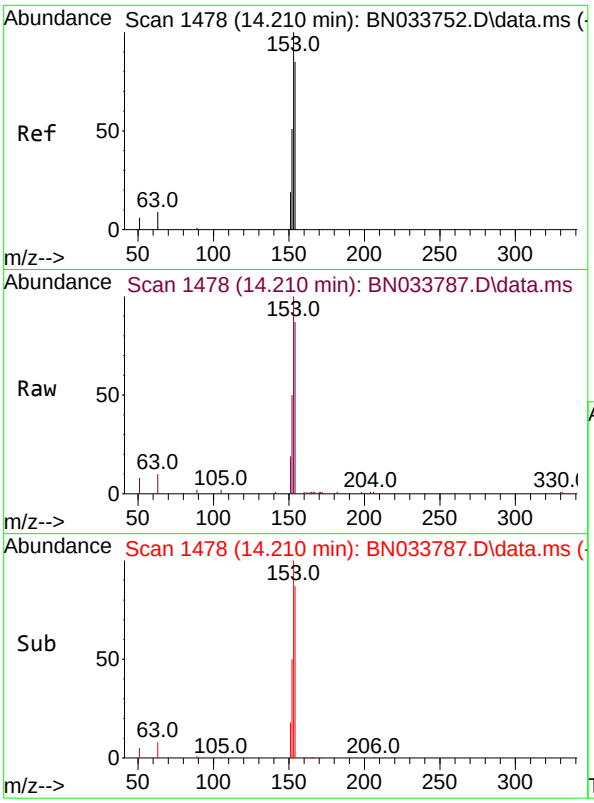


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.868 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:152 Resp: 8991

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



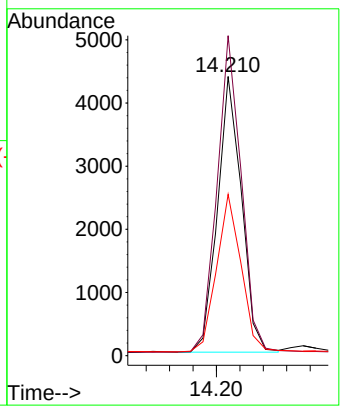


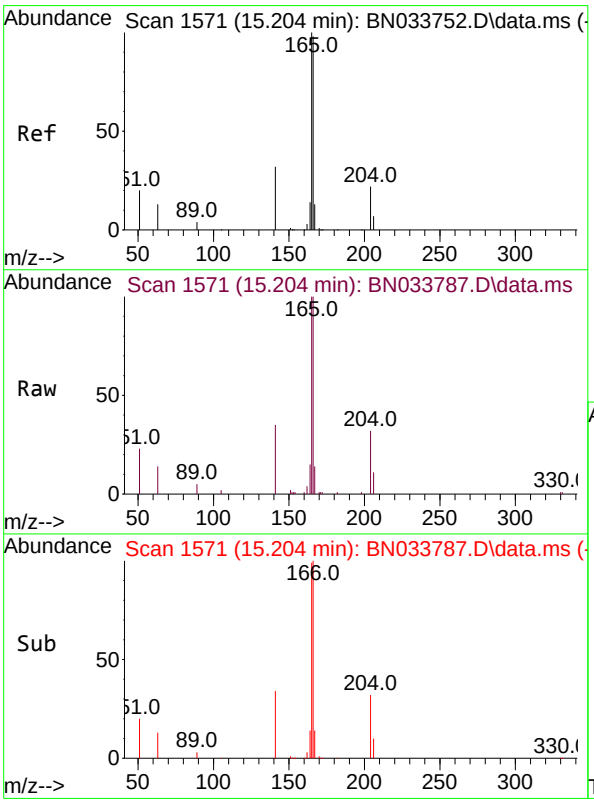
#17
Acenaphthene
Concen: 0.403 ng
RT: 14.210 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:154 Resp: 6202

Ion	Ratio	Lower	Upper
154	100		
153	115.4	91.4	137.2
152	58.3	45.8	68.6

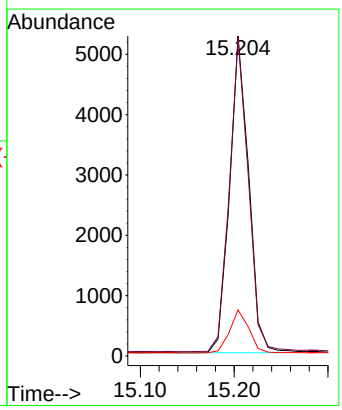


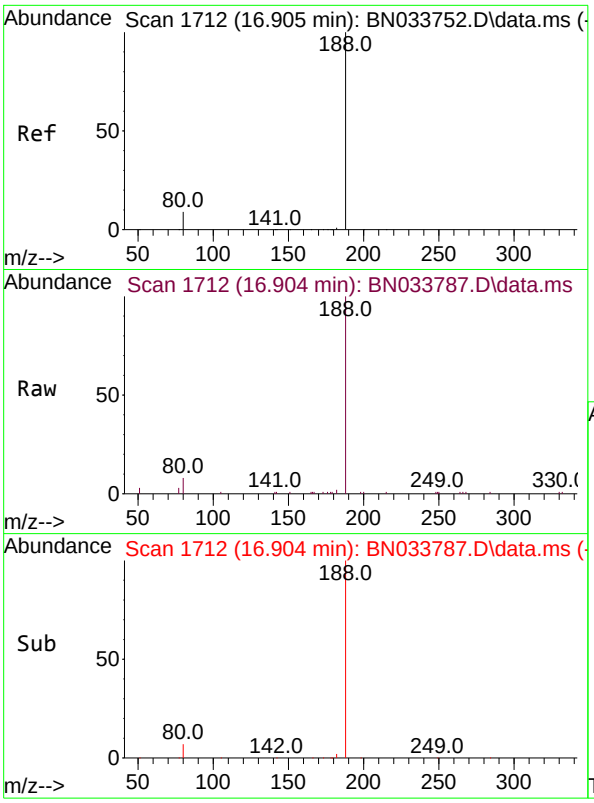


#18
Fluorene
Concen: 0.390 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:166 Resp: 7393

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.8	118.2
167	13.7	10.6	16.0



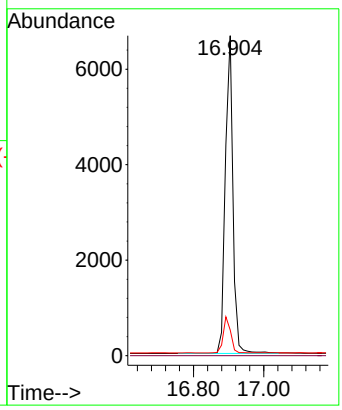


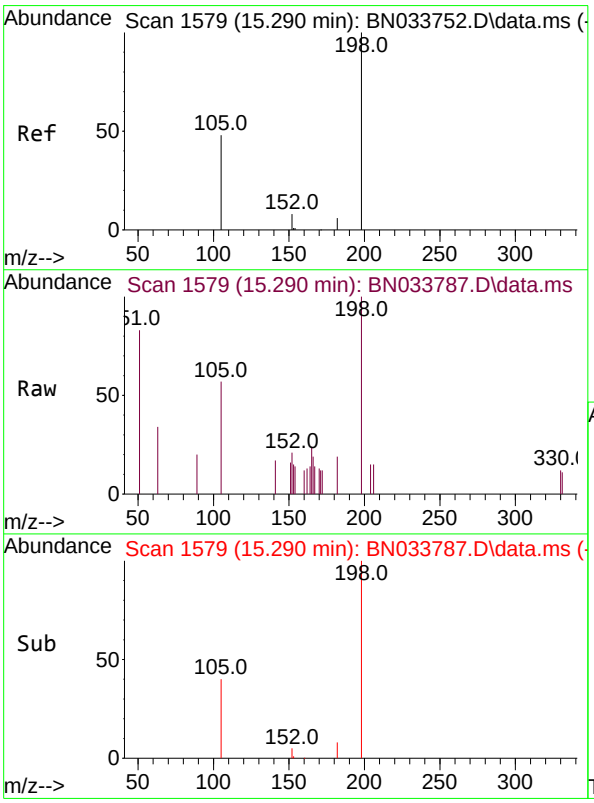
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:188 Resp: 10000

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.9	11.9

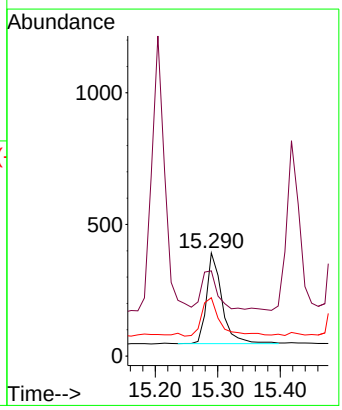


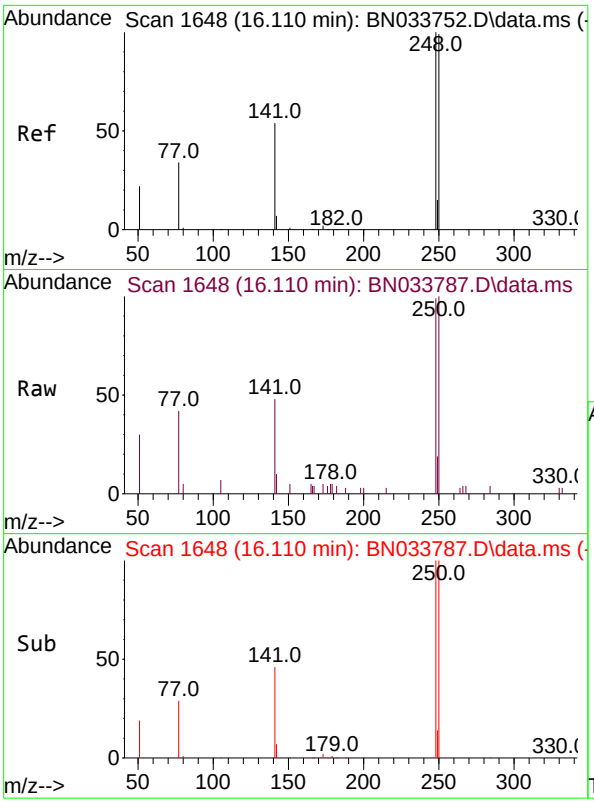


#20
4,6-Dinitro-2-methylphenol
Concen: 0.376 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:198 Resp: 593

Ion	Ratio	Lower	Upper
198	100		
51	82.7	92.8	139.2#
105	56.6	59.4	89.0#



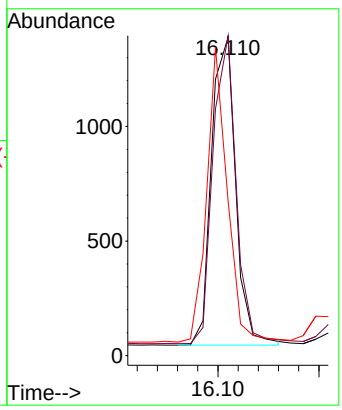


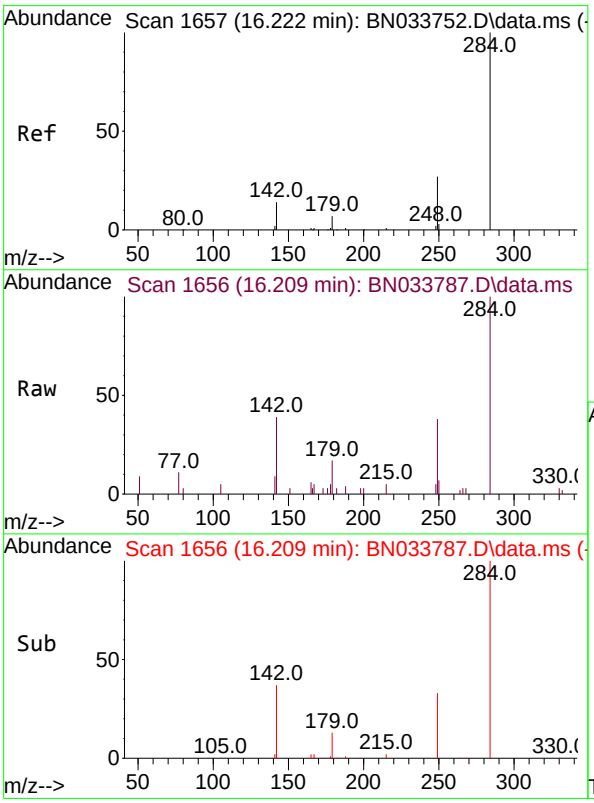
#21
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.110 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:248 Resp: 2229

Ion	Ratio	Lower	Upper
248	100		
250	100.5	79.5	119.3
141	48.5	44.9	67.3

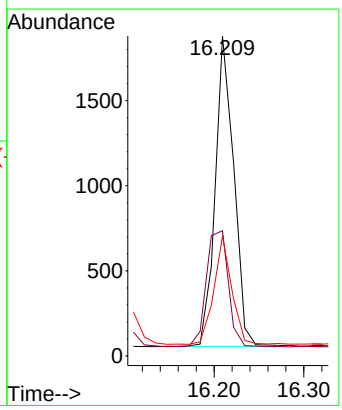


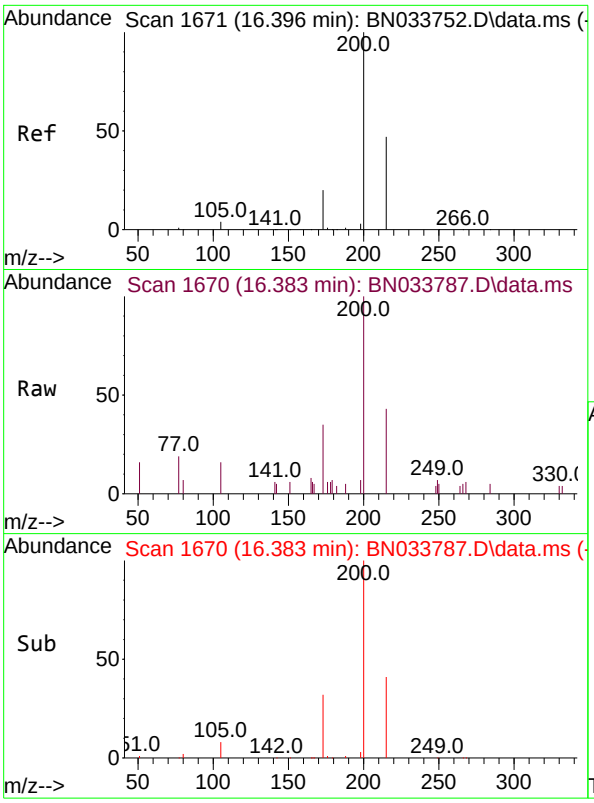


#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:284 Resp: 2619

Ion	Ratio	Lower	Upper
284	100		
142	44.1	32.8	49.2
249	33.4	26.2	39.2



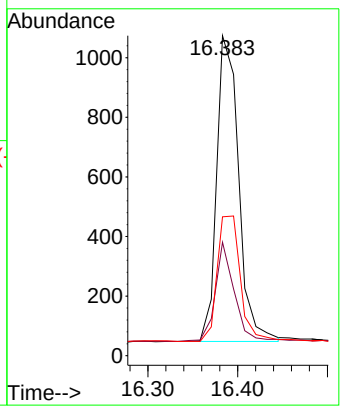


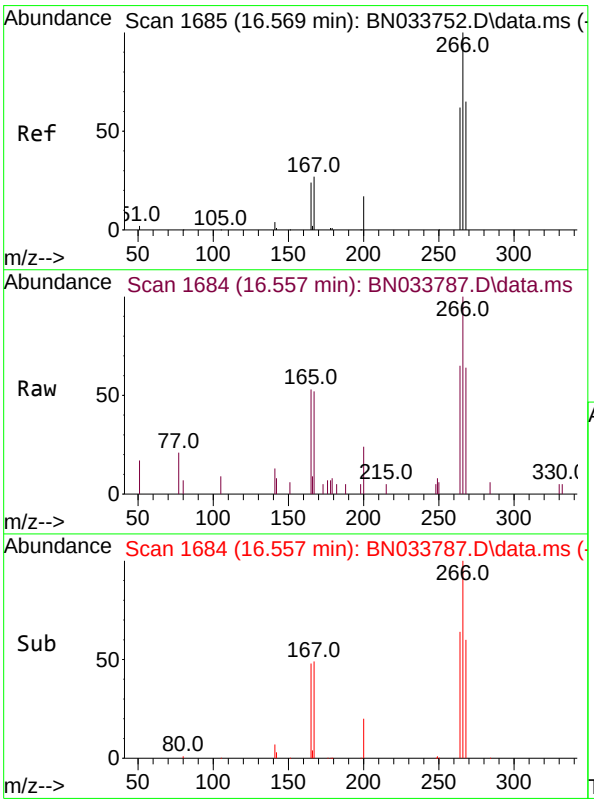
#23
Atrazine
Concen: 0.376 ng
RT: 16.383 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:200 Resp: 1740

Ion	Ratio	Lower	Upper
200	100		
173	35.5	18.2	27.4#
215	43.4	39.0	58.4

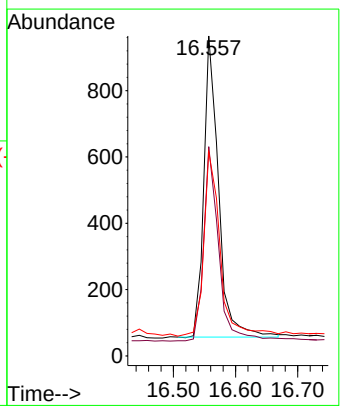


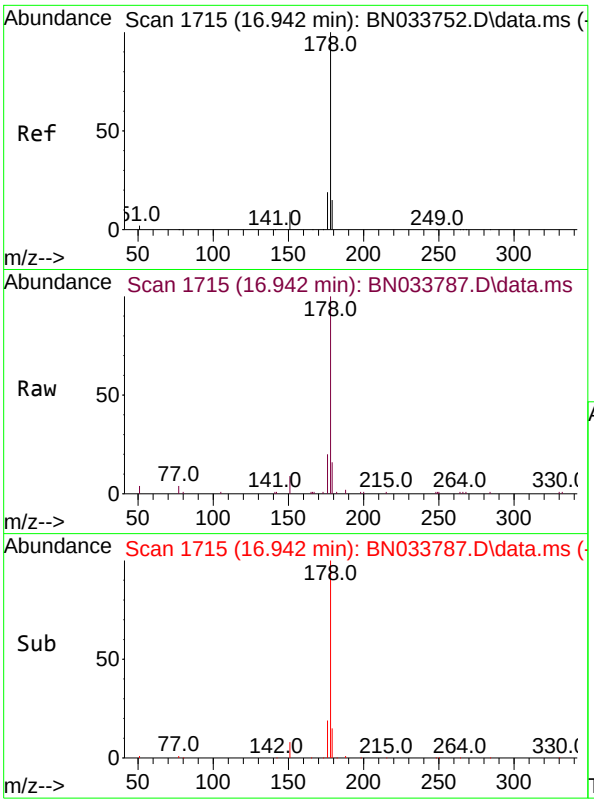


#24
Pentachlorophenol
Concen: 0.551 ng
RT: 16.557 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:266 Resp: 1497

Ion	Ratio	Lower	Upper
266	100		
264	65.8	49.6	74.4
268	67.8	52.2	78.4



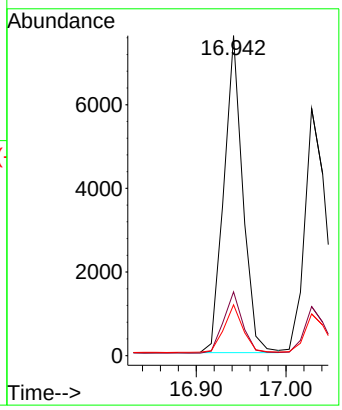


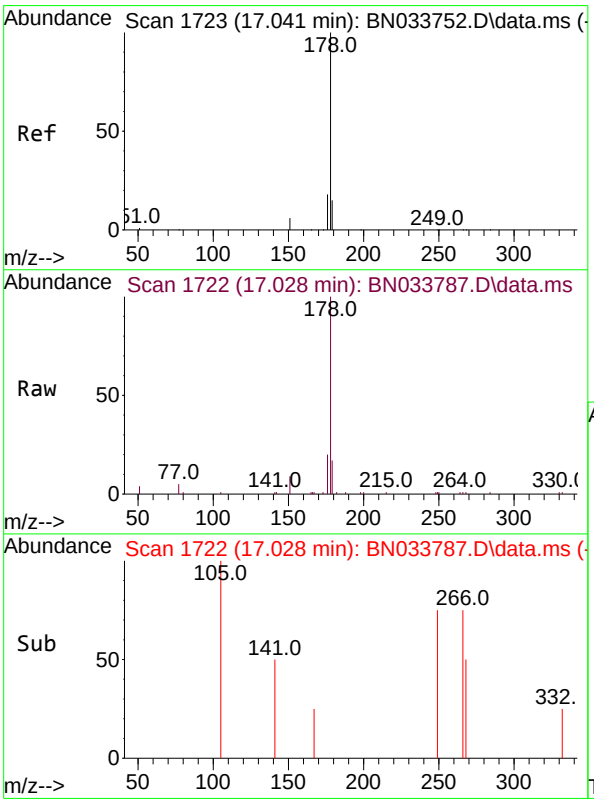
#25
Phenanthrene
Concen: 0.403 ng
RT: 16.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:178 Resp: 11115

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.2	12.2	18.4

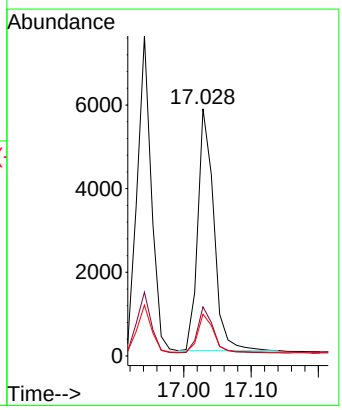


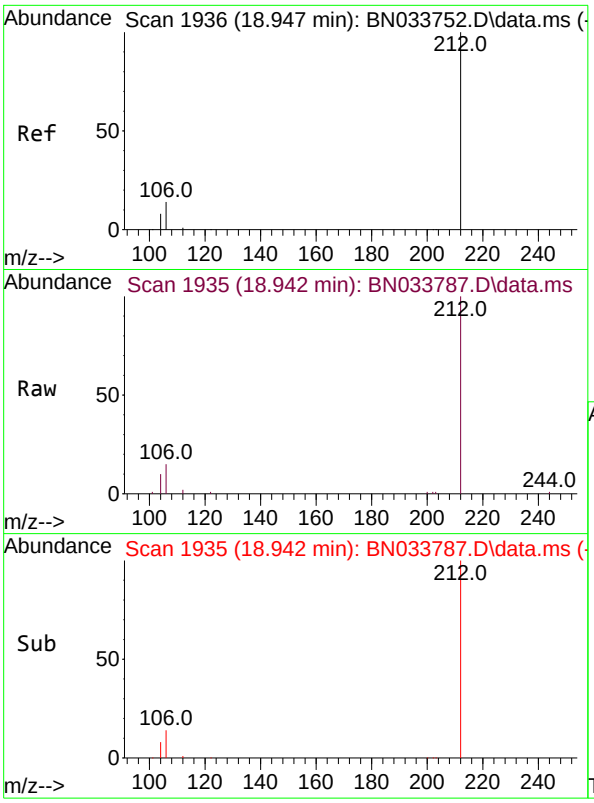


#26
Anthracene
Concen: 0.400 ng
RT: 17.028 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:178 Resp: 9581

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.6	12.4	18.6



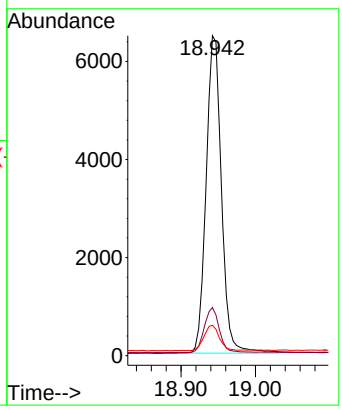


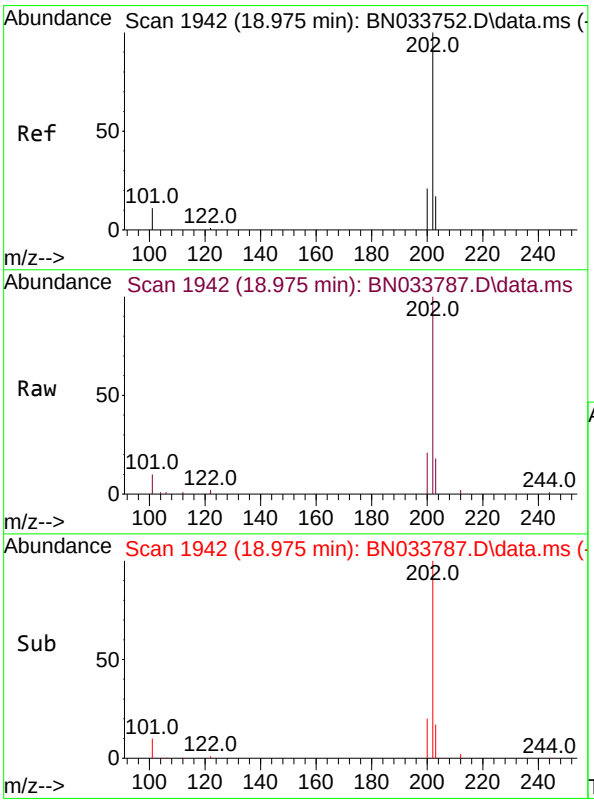
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 18.942 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:212 Resp: 9257

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.5	17.3
104	8.0	6.6	9.8

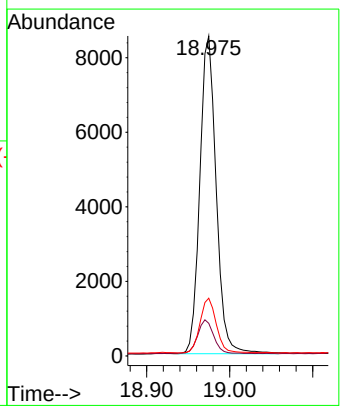


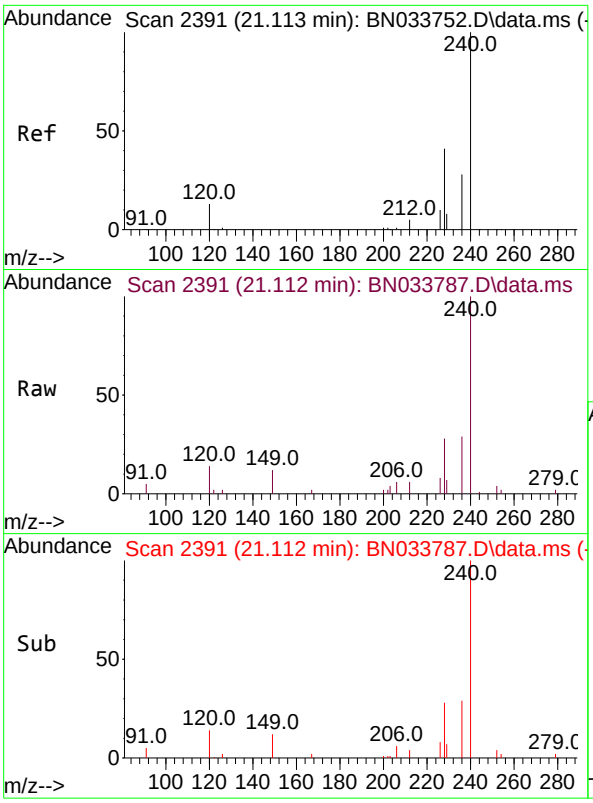


#28
Fluoranthene
Concen: 0.379 ng
RT: 18.975 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:202 Resp: 11716

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.2	13.8
203	17.1	13.8	20.6



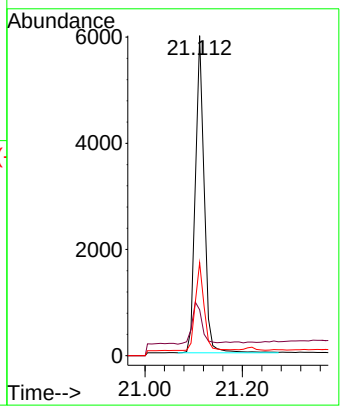


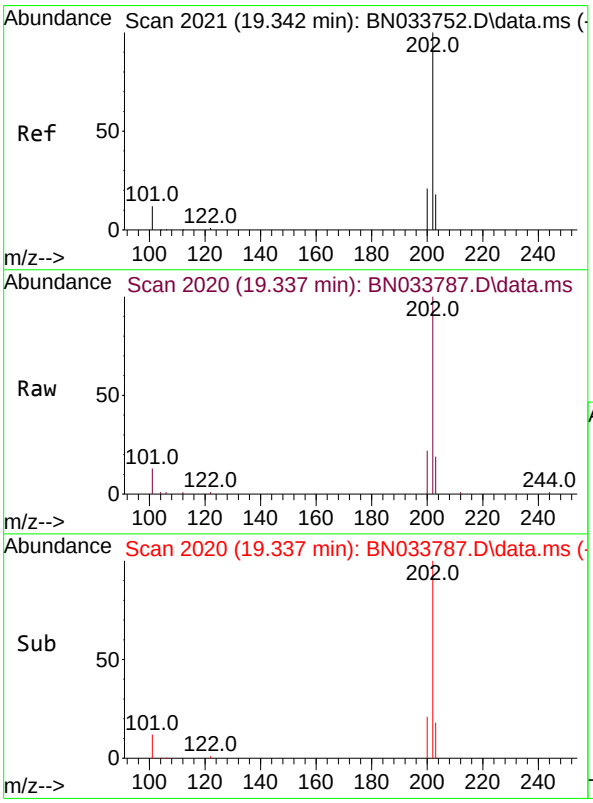
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:240 Resp: 7497

Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.7	20.5
236	29.0	23.4	35.2

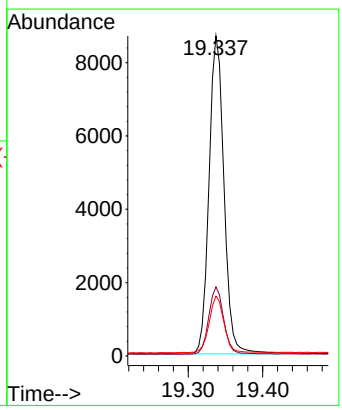


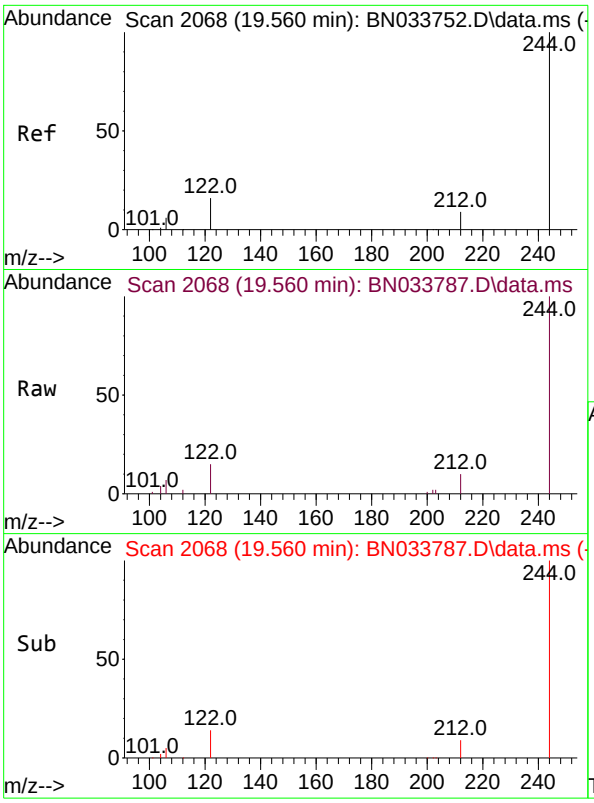


#30
Pyrene
Concen: 0.401 ng
RT: 19.337 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:202 Resp: 12111

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.0	14.4	21.6



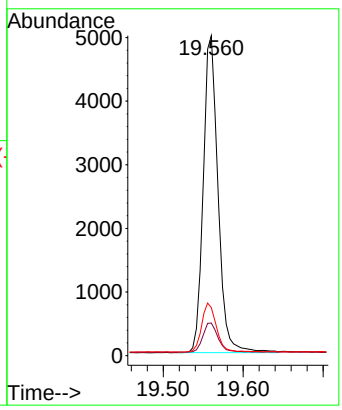


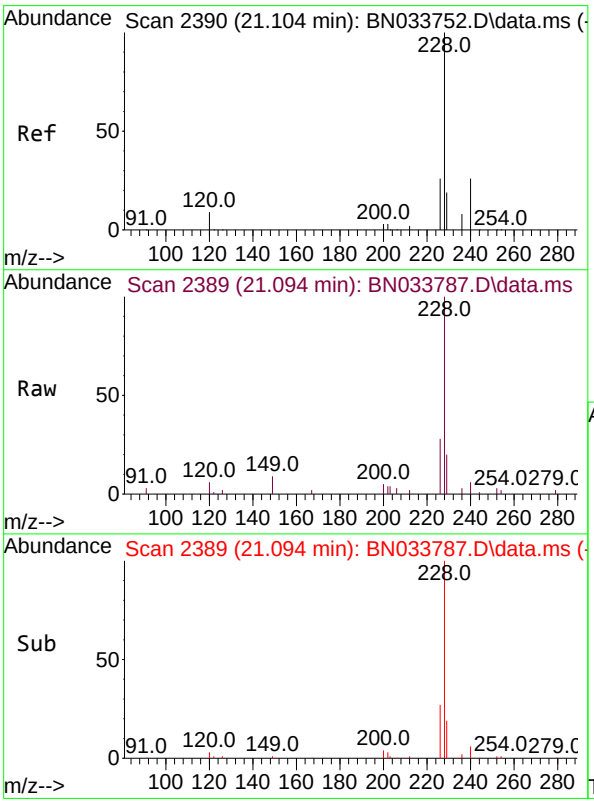
#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.560 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:244 Resp: 6388

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	15.0	13.2	19.8

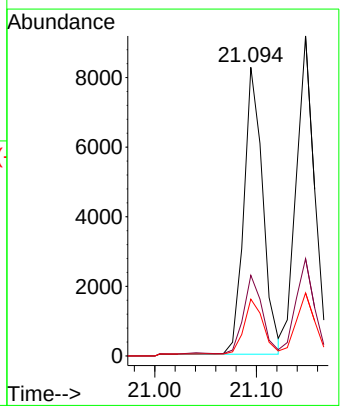


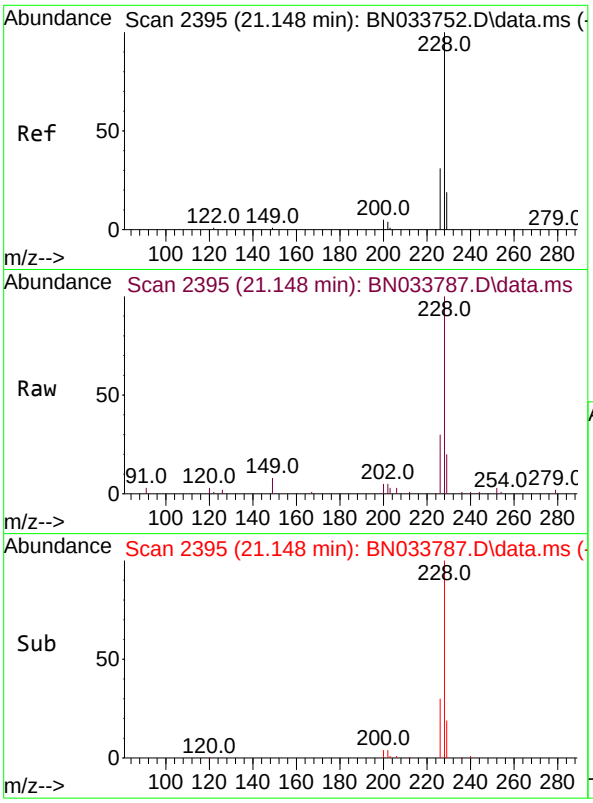


#32
Benzo(a)anthracene
Concen: 0.398 ng
RT: 21.094 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:228 Resp: 10641

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.2	31.8
229	19.7	15.9	23.9



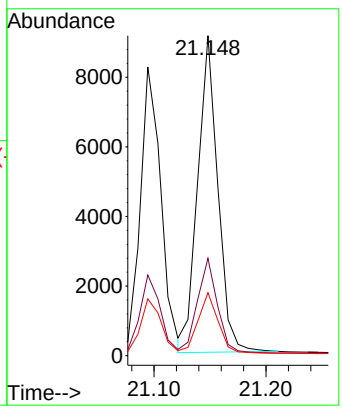


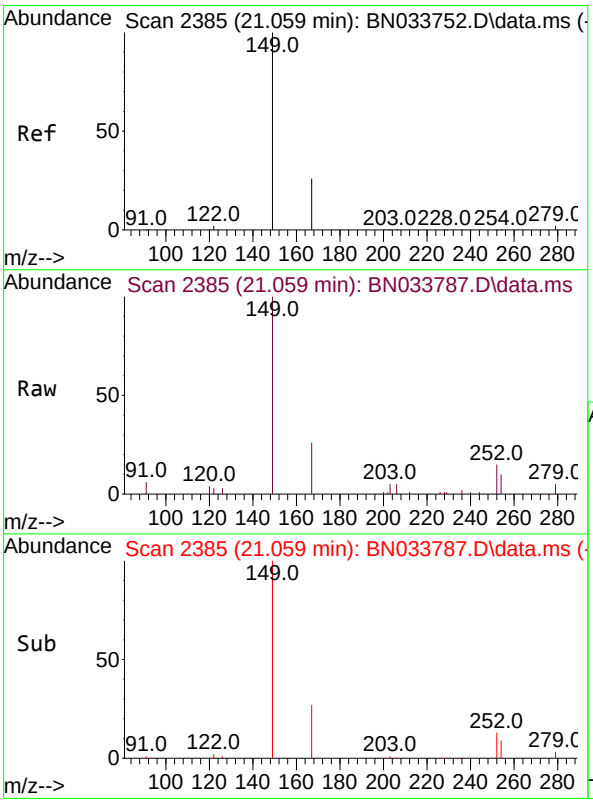
#33
Chrysene
Concen: 0.429 ng
RT: 21.148 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:228 Resp: 11359

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.7	15.6	23.4

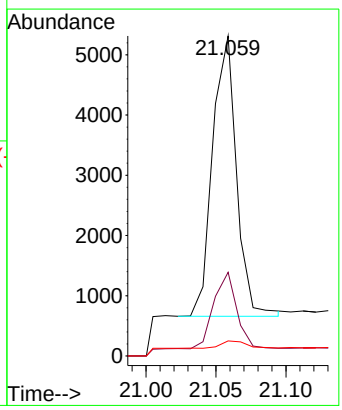


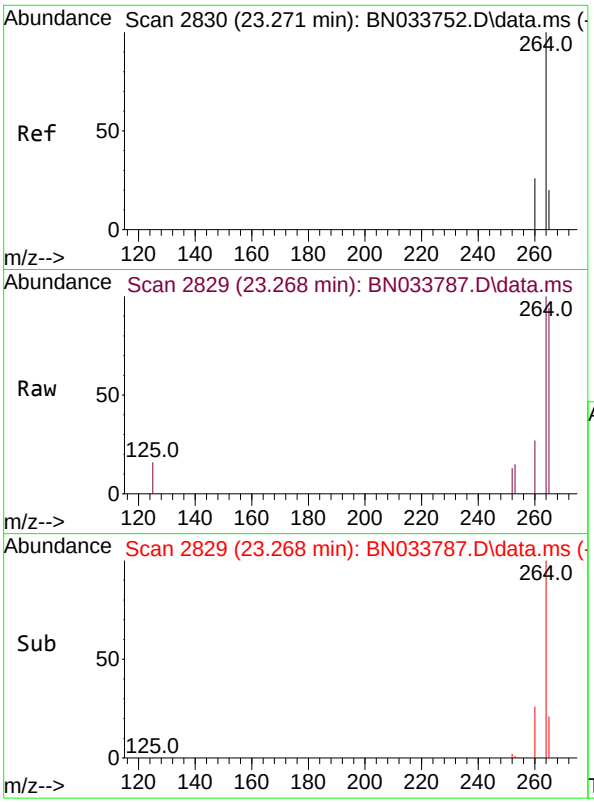


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.379 ng
RT: 21.059 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:149 Resp: 5535

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	2.9	2.4	3.6



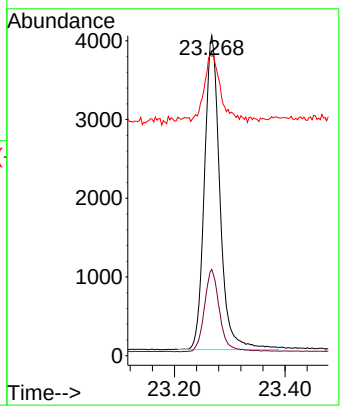


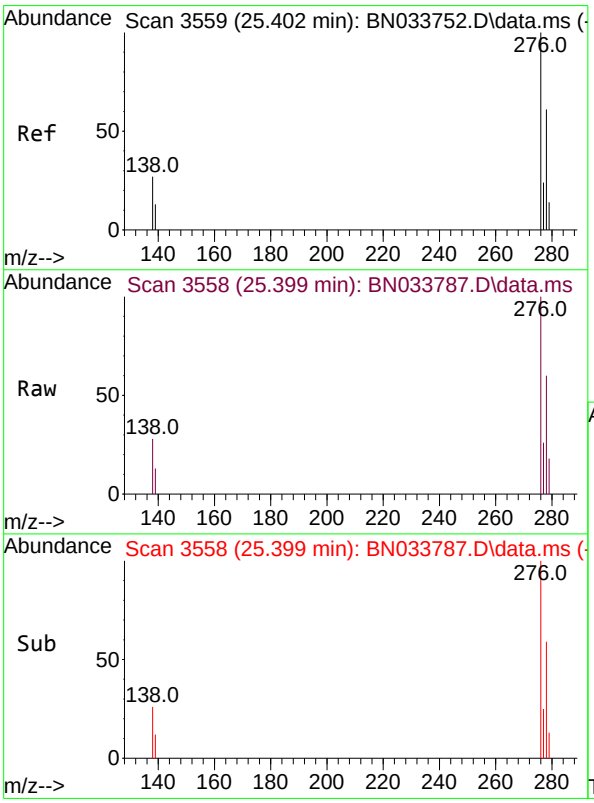
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.268 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:264 Resp: 7770

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.1	31.7
265	93.6	72.0	108.0

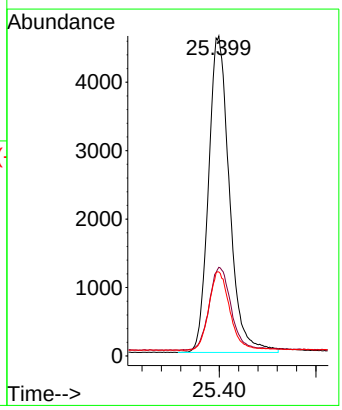


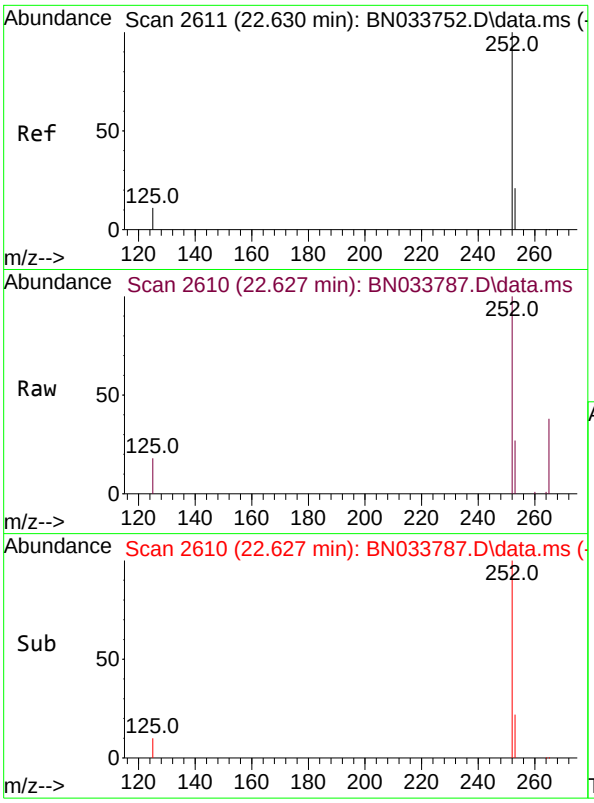


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.433 ng
RT: 25.399 min Scan# 3558
Delta R.T. -0.003 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:276 Resp: 13902

Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.0	34.6
277	25.3	20.2	30.4



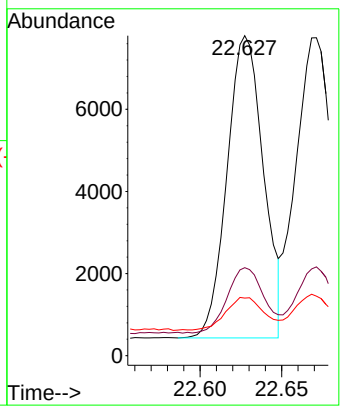


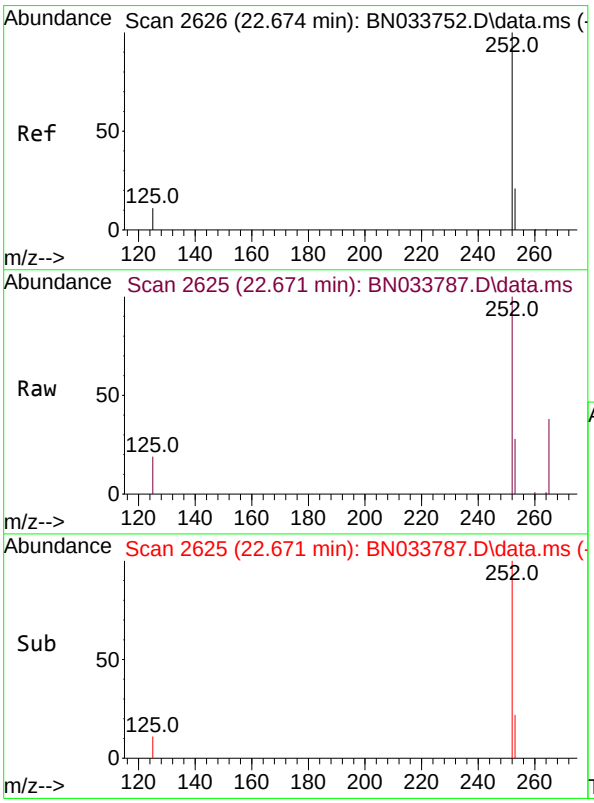
#37
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.627 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:252 Resp: 11396

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.8	32.6
125	18.0	15.4	23.0

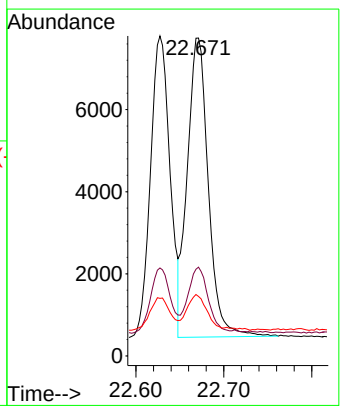


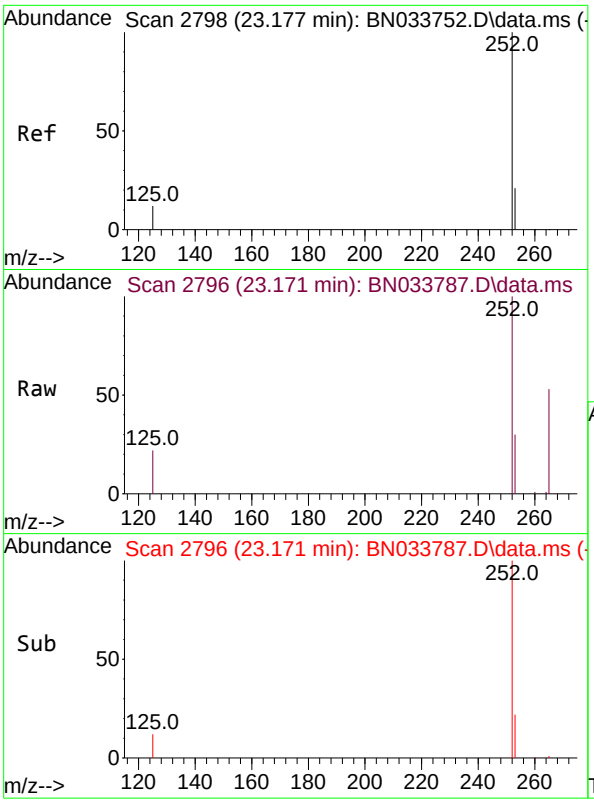


#38
Benzo(k)fluoranthene
Concen: 0.436 ng
RT: 22.671 min Scan# 2625
Delta R.T. -0.003 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:252 Resp: 12137

Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.8	32.8
125	18.7	15.4	23.2



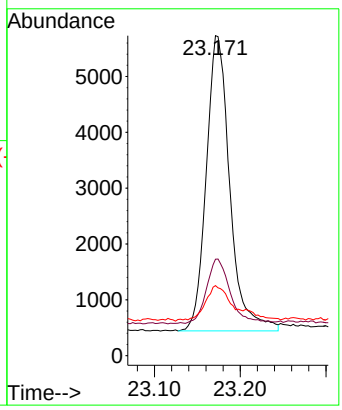


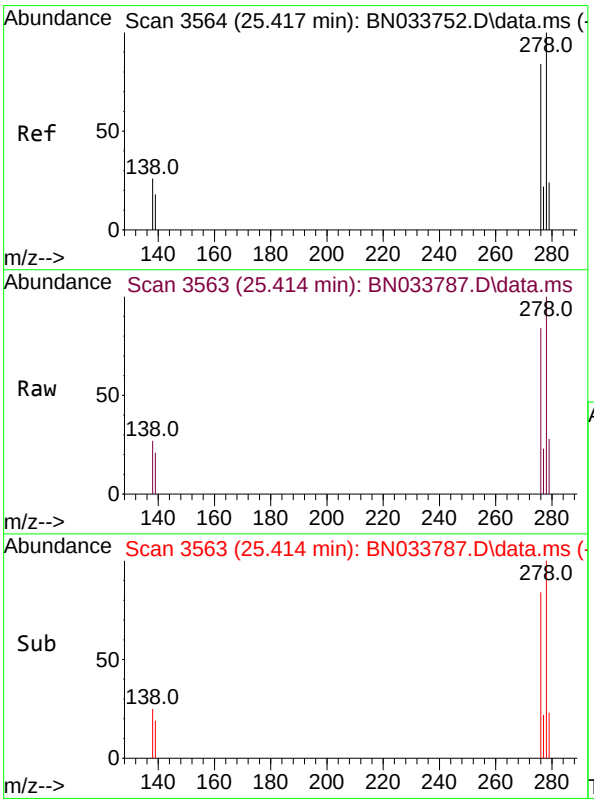
#39
Benzo(a)pyrene
Concen: 0.424 ng
RT: 23.171 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:252 Resp: 10110

Ion	Ratio	Lower	Upper
252	100		
253	30.1	24.0	36.0
125	21.9	19.1	28.7

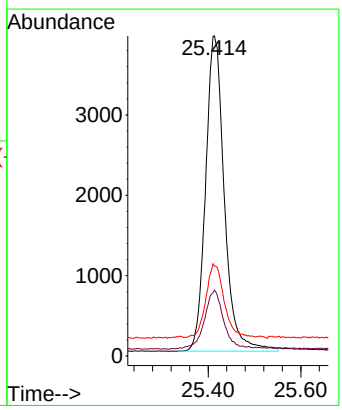


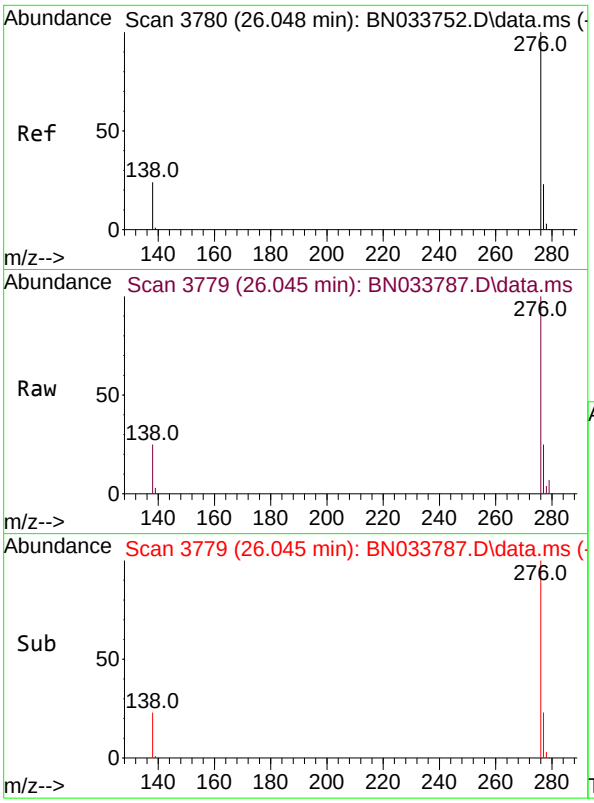


#40
Dibenzo(a,h)anthracene
Concen: 0.429 ng
RT: 25.414 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Tgt Ion:278 Resp: 11031

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.7	25.1
279	28.1	23.4	35.0





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 26.045 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN033787.D
Acq: 06 Sep 2024 17:55

Instrument :
BNA_N
ClientSampleId :
IDOC-02

Tgt Ion:276 Resp: 10952

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.3	30.5
138	25.2	20.9	31.3