Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035279.D
Acq On : 25 Nov 2024 11:28
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 25 18:32:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 14:32:52 2024
Response via : Initial Calibration

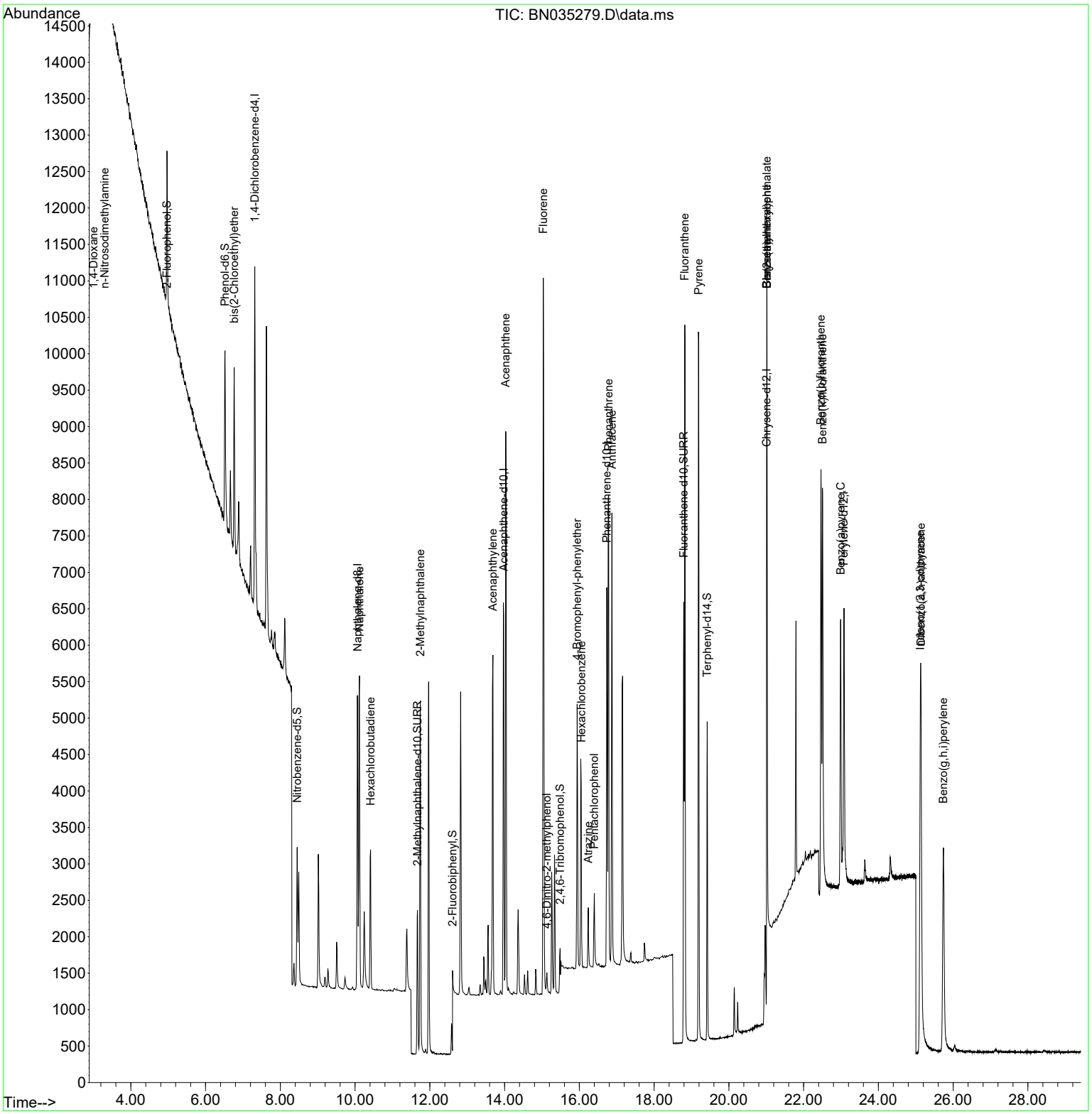
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.315	152	2200	0.400	ng		0.00
7) Naphthalene-d8	10.063	136	5326	0.400	ng		0.00
13) Acenaphthene-d10	13.976	164	2947	0.400	ng		0.00
19) Phenanthrene-d10	16.734	188	6895	0.400	ng		0.00
29) Chrysene-d12	21.008	240	586	0.400	ng		0.00
35) Perylene-d12	23.078	264	4692	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	1735	0.417	ng		0.00
5) Phenol-d6	6.521	99	2431	0.419	ng		0.00
8) Nitrobenzene-d5	8.451	82	1846	0.427	ng		0.00
11) 2-Methylnaphthalene-d10	11.667	152	2873	0.385	ng		0.00
14) 2,4,6-Tribromophenol	15.484	330	531	0.353	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	721	0.443	ng		0.00
27) Fluoranthene-d10	18.792	212	6669	0.361	ng		0.00
31) Terphenyl-d14	19.419	244	4254	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	631	0.399	ng		100
3) n-Nitrosodimethylamine	3.300	42	624	0.381	ng		100
6) bis(2-Chloroethyl)ether	6.766	93	1971	0.403	ng		100
9) Naphthalene	10.116	128	5810	0.393	ng		100
10) Hexachlorobutadiene	10.415	225	1664	0.400	ng	#	100
12) 2-Methylnaphthalene	11.742	142	3623	0.375	ng		100
16) Acenaphthylene	13.688	152	5556	0.375	ng		100
17) Acenaphthene	14.030	154	3465	0.371	ng		100
18) Fluorene	15.035	166	4816	0.368	ng		100
20) 4,6-Dinitro-2-methylph...	15.131	198	233	0.423	ng		100
21) 4-Bromophenyl-phenylether	15.940	248	1623	0.371	ng		100
22) Hexachlorobenzene	16.051	284	2429	0.388	ng		100
23) Atrazine	16.238	200	689	0.374	ng		100
24) Pentachlorophenol	16.399	266	544	0.362	ng		100
25) Phenanthrene	16.784	178	7798	0.368	ng		100
26) Anthracene	16.871	178	6280	0.345	ng		100
28) Fluoranthene	18.820	202	9240	0.346	ng		100
30) Pyrene	19.192	202	8957	0.420	ng		100
32) Benzo(a)anthracene	21.017	228	8100	0.397	ng		100
33) Chrysene	21.017	228	8100	0.397	ng		100
34) Bis(2-ethylhexyl)phtha...	21.017	149	533	0.207	ng	#	100
36) Indeno(1,2,3-cd)pyrene	25.122	276	7146	0.372	ng		100
37) Benzo(b)fluoranthene	22.464	252	6813	0.334	ng		100
38) Benzo(k)fluoranthene	22.505	252	7659	0.355	ng		100
39) Benzo(a)pyrene	22.990	252	5365	0.344	ng		100
40) Dibenzo(a,h)anthracene	25.139	278	5194	0.358	ng		100
41) Benzo(g,h,i)perylene	25.738	276	5823	0.347	ng		100

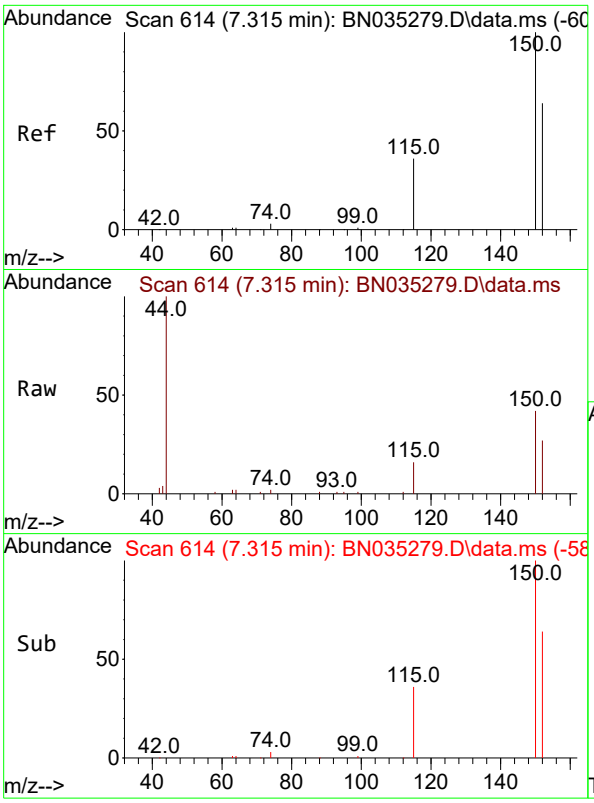
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112524\
Data File : BN035279.D
Acq On : 25 Nov 2024 11:28
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 25 18:32:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 14:32:52 2024
Response via : Initial Calibration



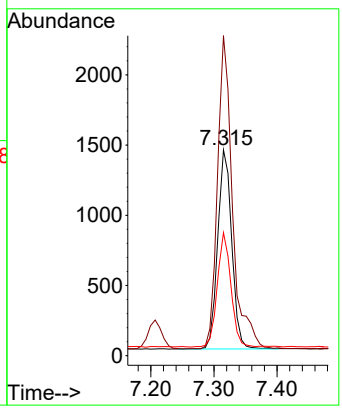


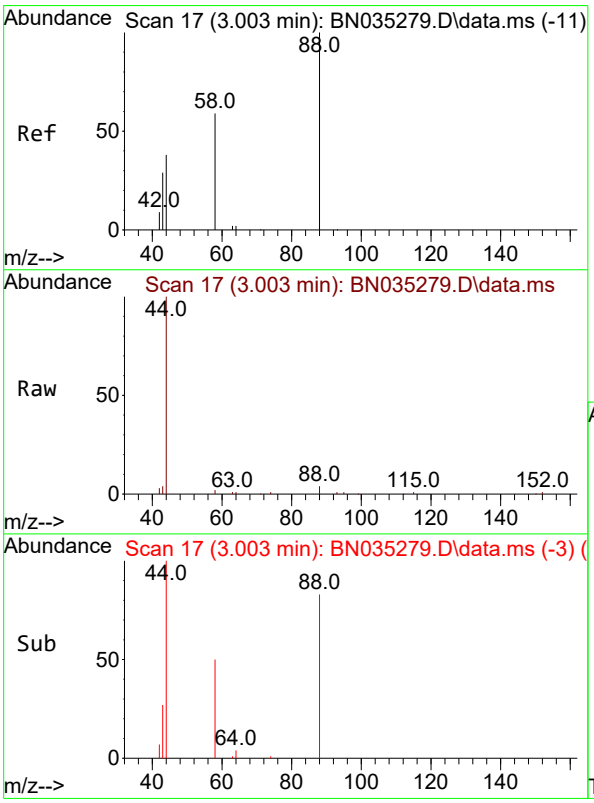
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.315 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2200

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.5	186.7
115	59.8	47.8	71.8

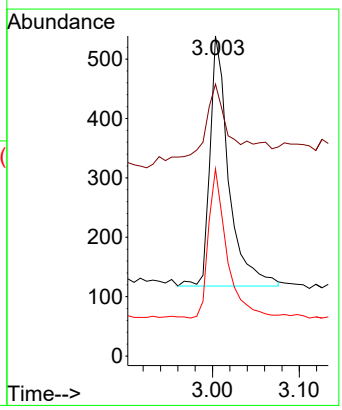


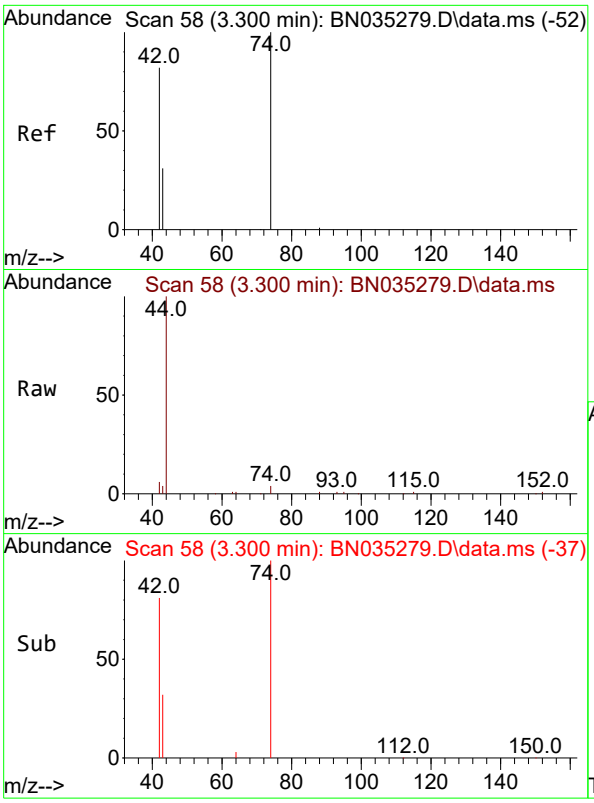


#2
1,4-Dioxane
Concen: 0.399 ng
RT: 3.003 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion: 88 Resp: 631

Ion	Ratio	Lower	Upper
88	100		
43	60.1	48.1	72.1
58	58.6	46.9	70.3



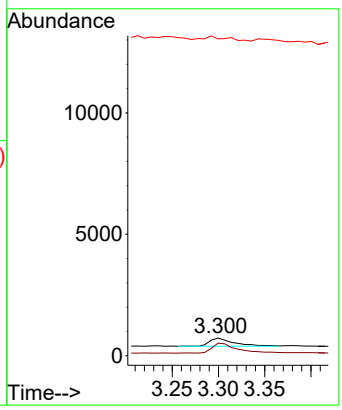


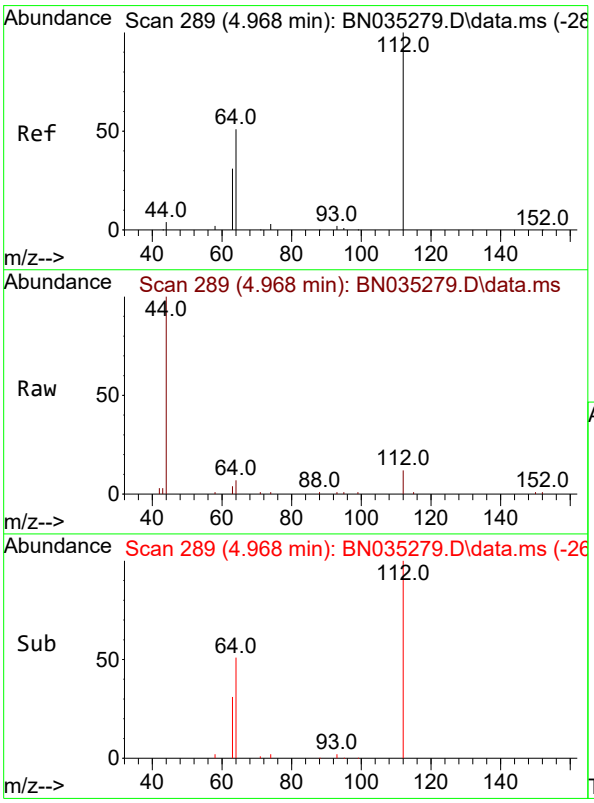
#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.300 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 624

Ion	Ratio	Lower	Upper
42	100		
74	128.4	102.7	154.1
44	42.6	34.1	51.1

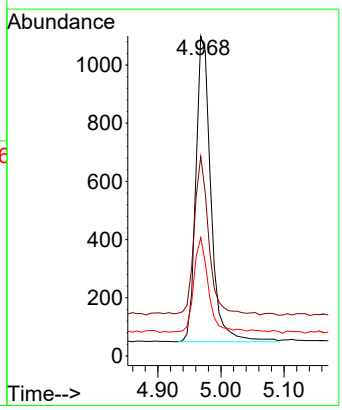


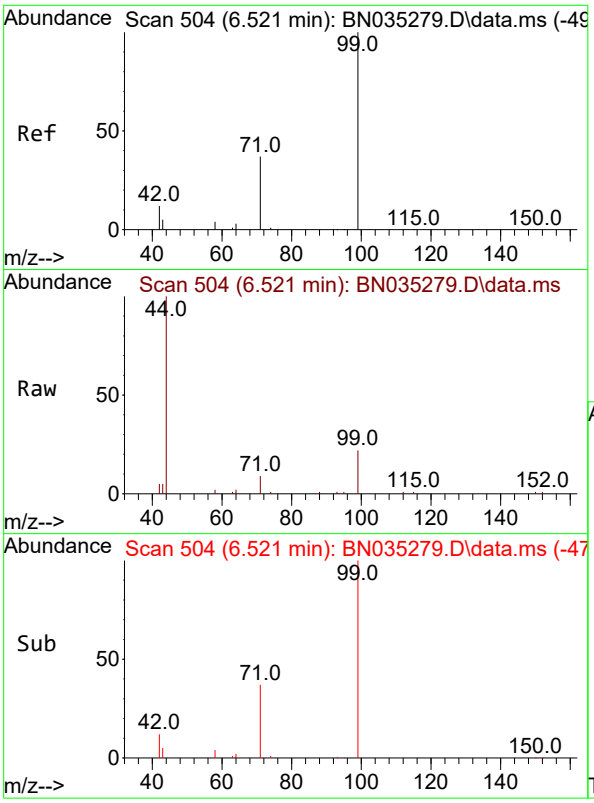


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 4.968 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:112 Resp: 1735

Ion	Ratio	Lower	Upper
112	100		
64	50.5	40.4	60.6
63	29.8	23.8	35.8



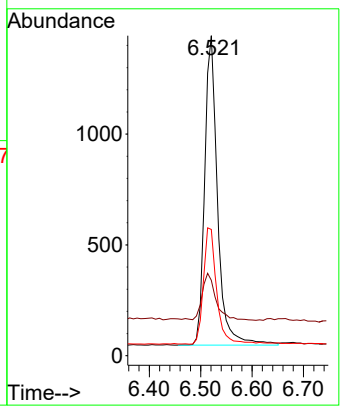


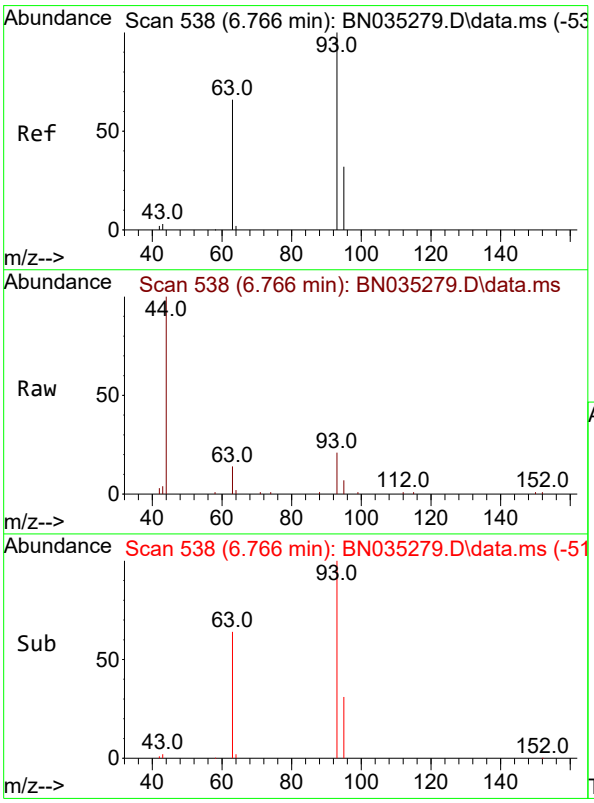
#5
Phenol-d6
Concen: 0.419 ng
RT: 6.521 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 2431

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.8	19.2
71	39.3	31.4	47.2

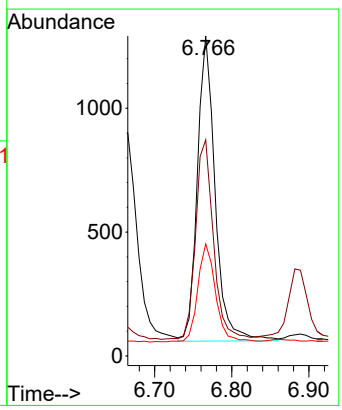


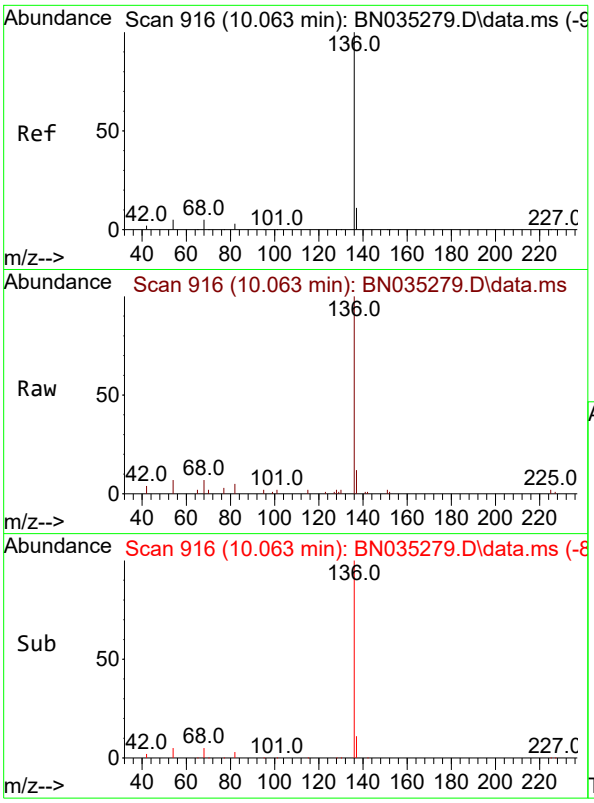


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 6.766 min Scan# 538
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion: 93 Resp: 1971

Ion	Ratio	Lower	Upper
93	100		
63	65.4	52.3	78.5
95	31.9	25.5	38.3



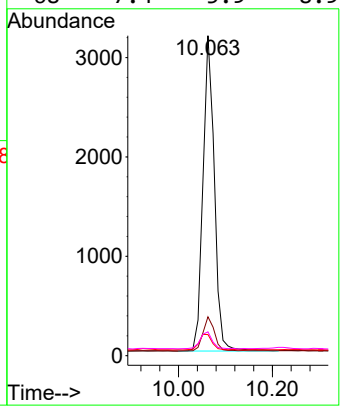


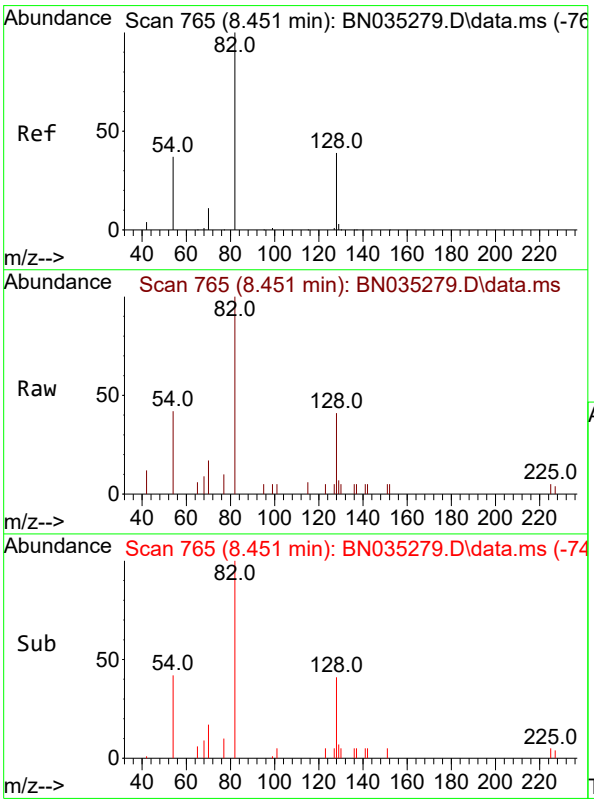
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.063 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 5326

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	6.6	5.3	7.9
68	7.4	5.9	8.9

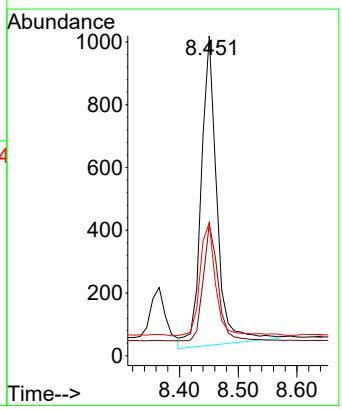


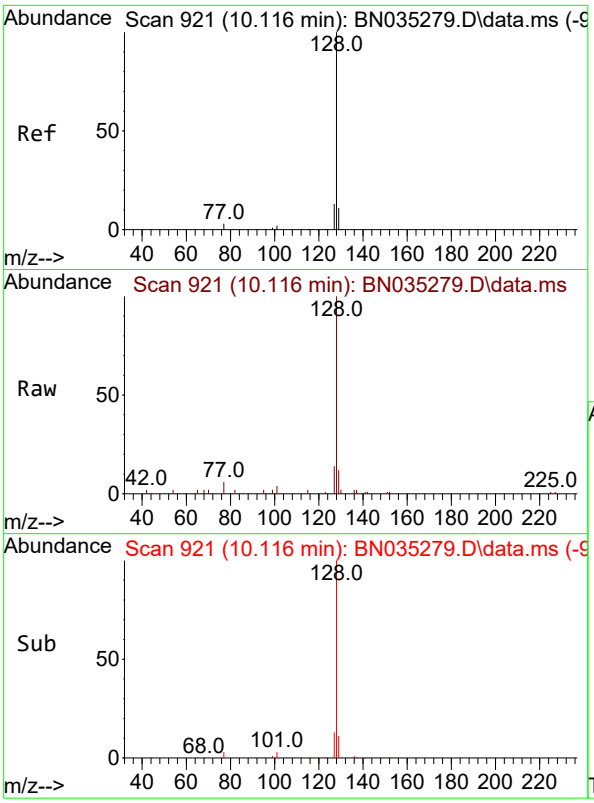


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.451 min Scan# 765
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion: 82 Resp: 1846

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	41.6	33.3	49.9



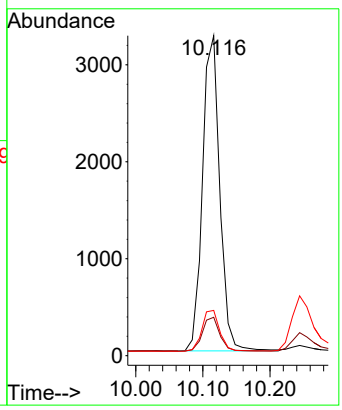


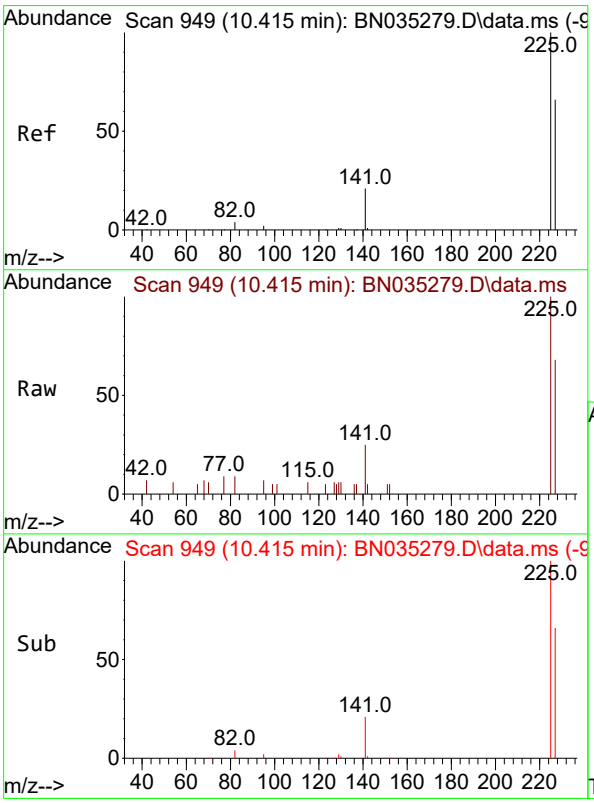
#9
Naphthalene
Concen: 0.393 ng
RT: 10.116 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 5810

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.1	11.3	16.9

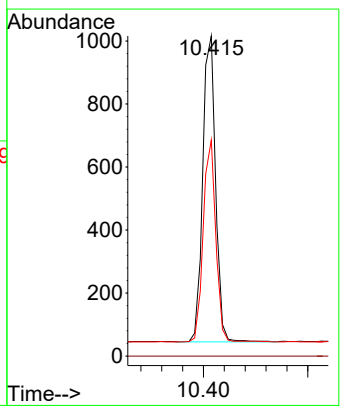


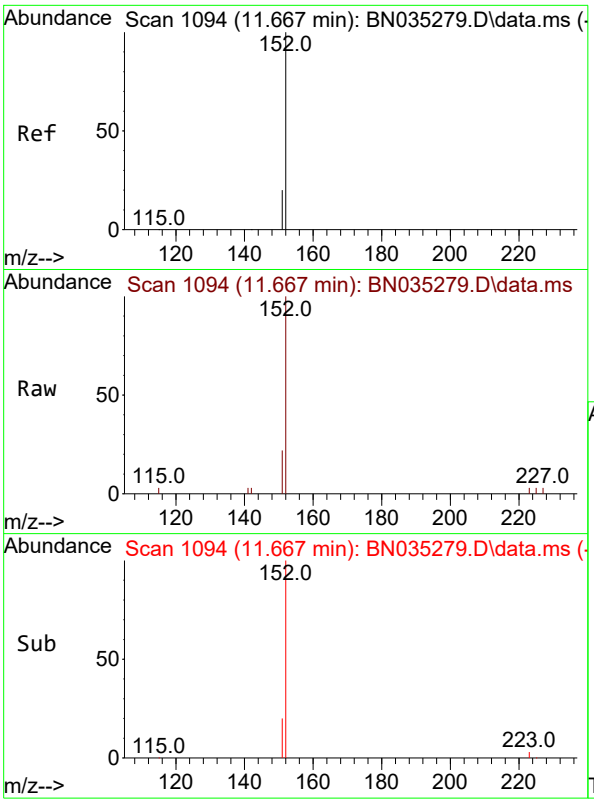


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:225 Resp: 1664

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.3	76.9



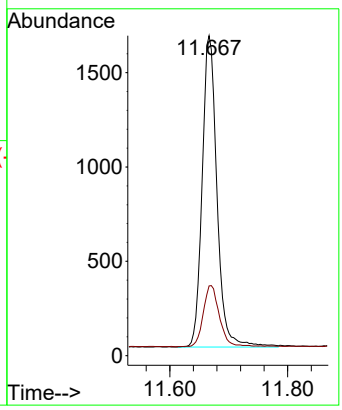


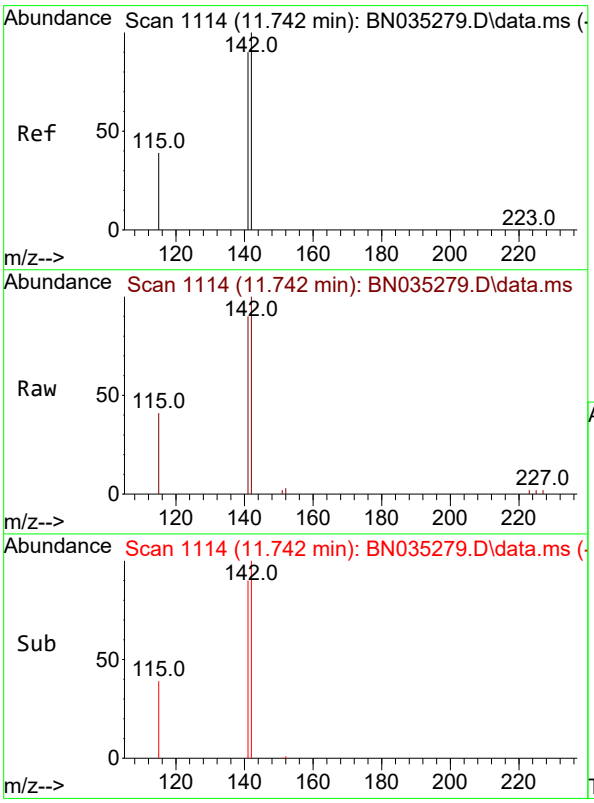
#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.667 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 2873

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.2	25.8

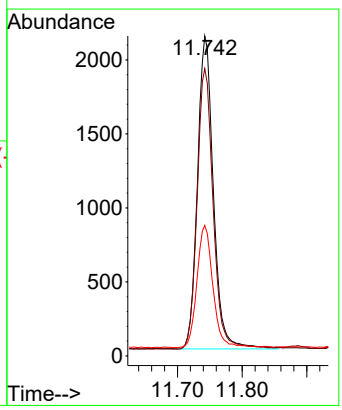


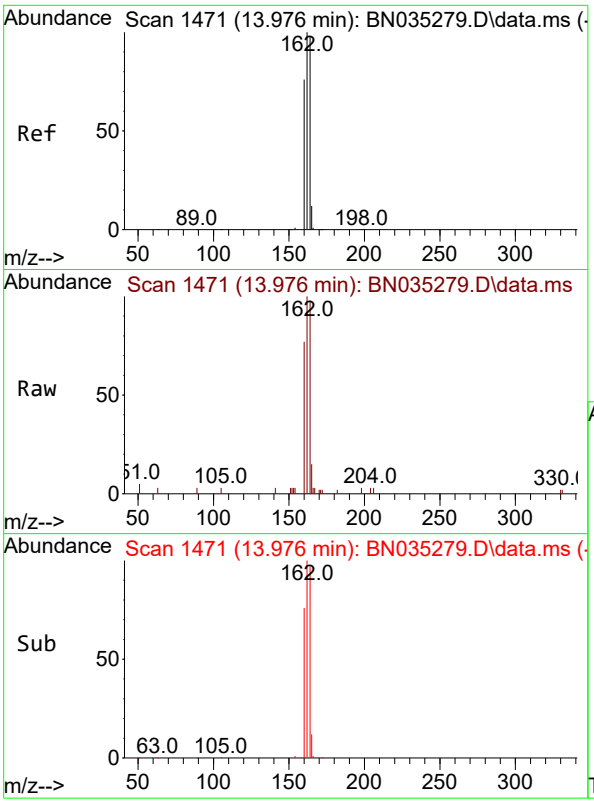


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 11.742 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:142 Resp: 3623

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.8	107.8
115	40.8	32.6	49.0



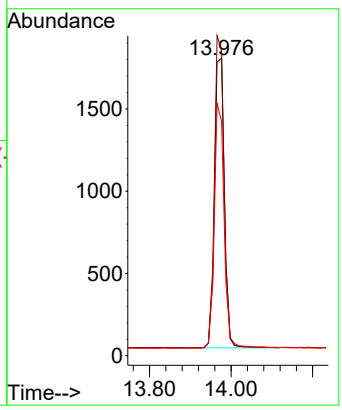


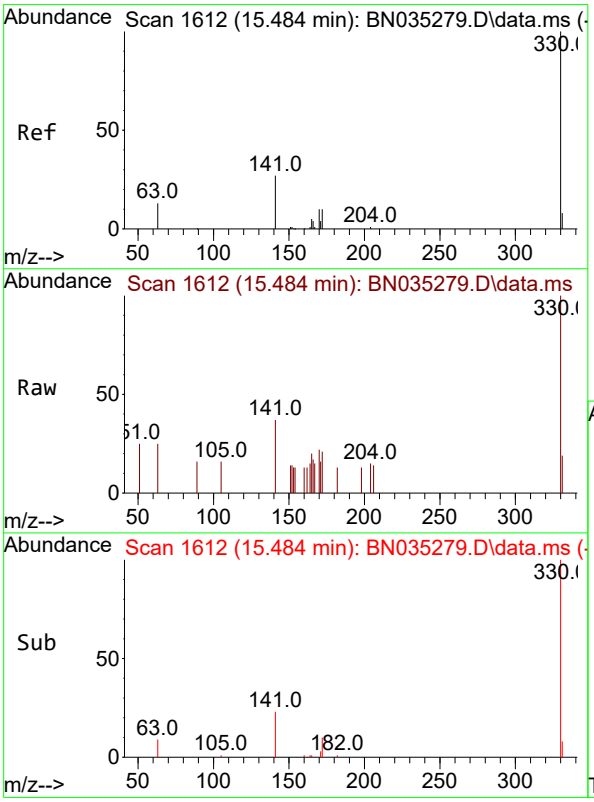
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.976 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 2947

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.0	123.0
160	78.7	63.0	94.4

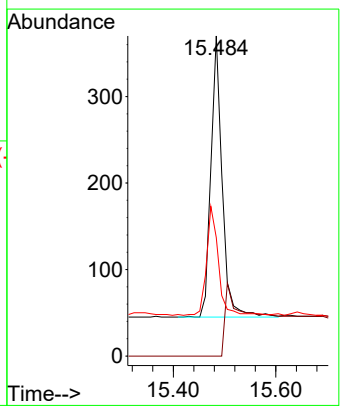


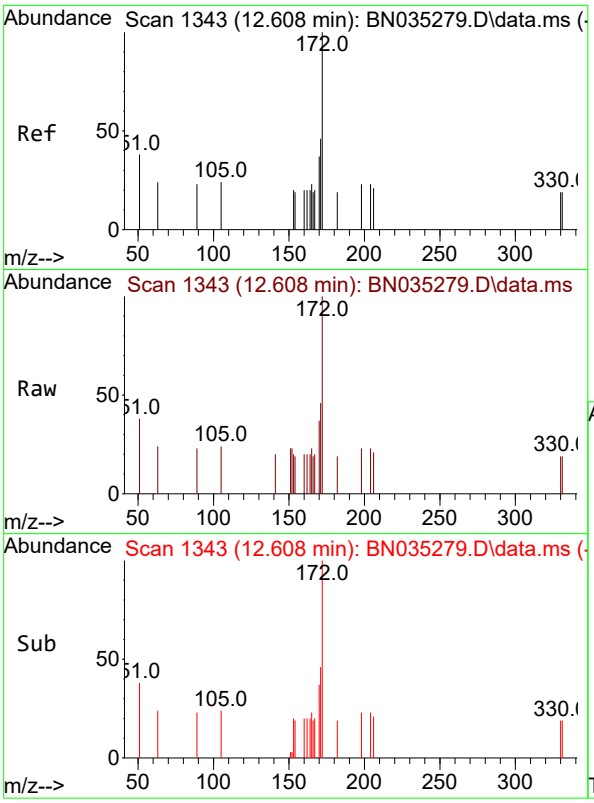


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.484 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:330 Resp: 531

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.5	32.4	48.6



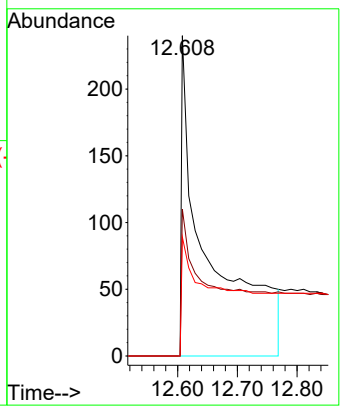


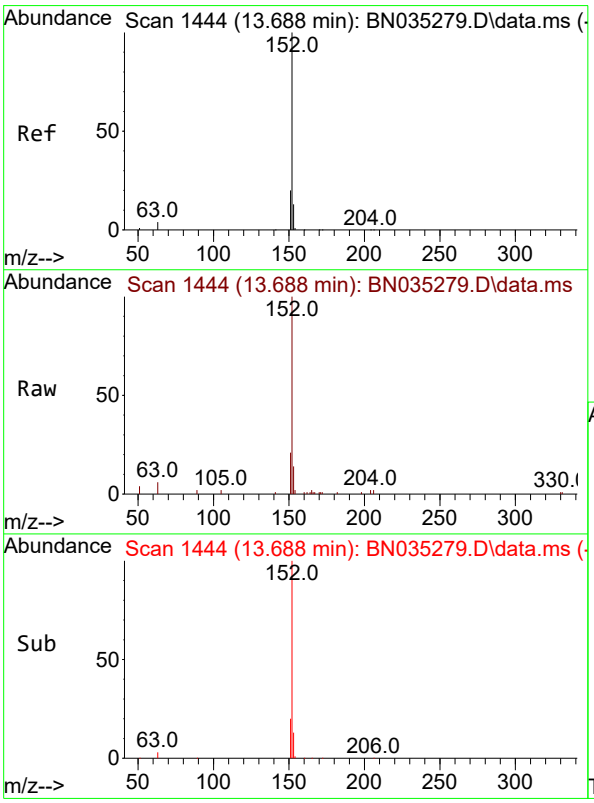
#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 12.608 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 721

Ion	Ratio	Lower	Upper
172	100		
171	45.8	36.6	55.0
170	37.1	29.7	44.5

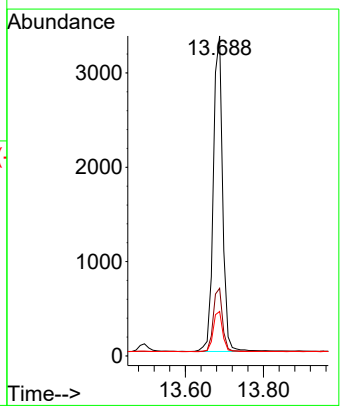


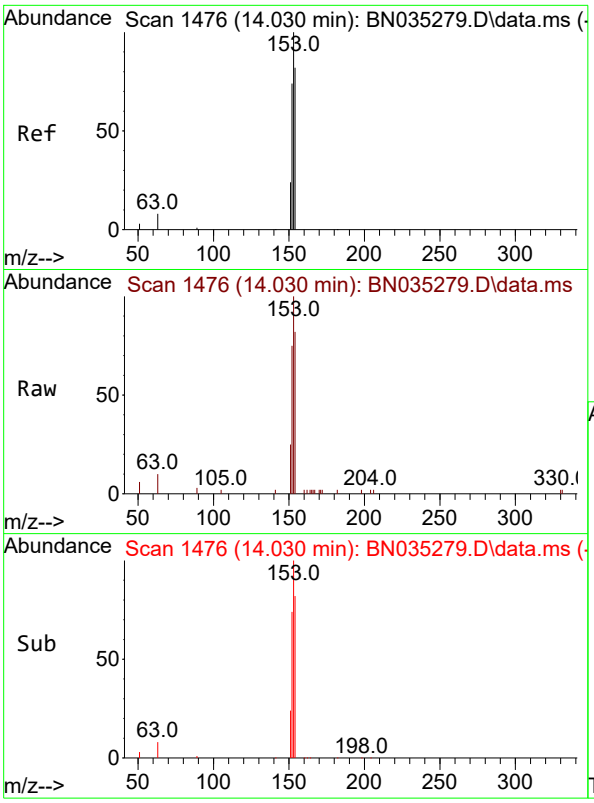


#16
Acenaphthylene
Concen: 0.375 ng
RT: 13.688 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:152 Resp: 5556

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.8	10.2	15.4



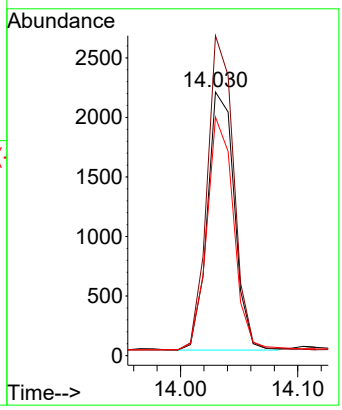


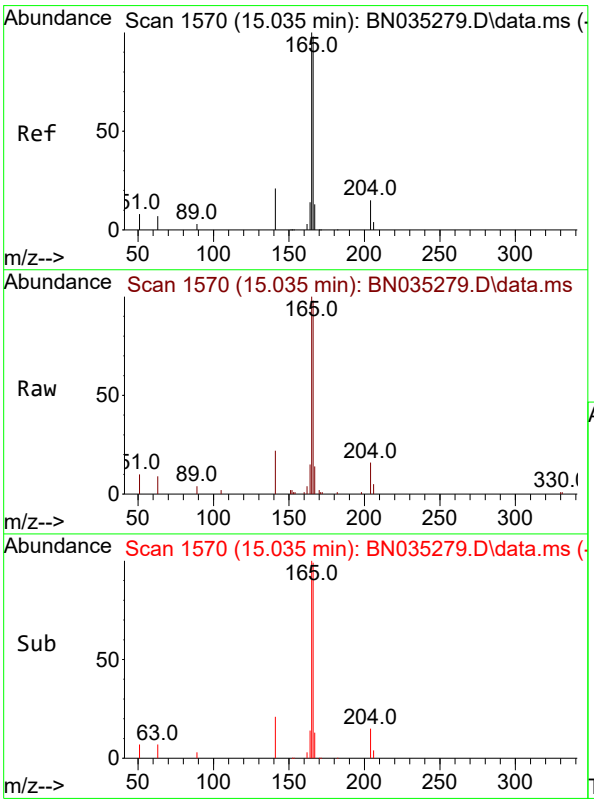
#17
Acenaphthene
Concen: 0.371 ng
RT: 14.030 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 3465

Ion	Ratio	Lower	Upper
154	100		
153	120.1	96.1	144.1
152	90.2	72.2	108.2

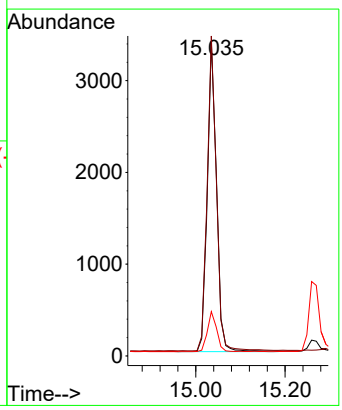


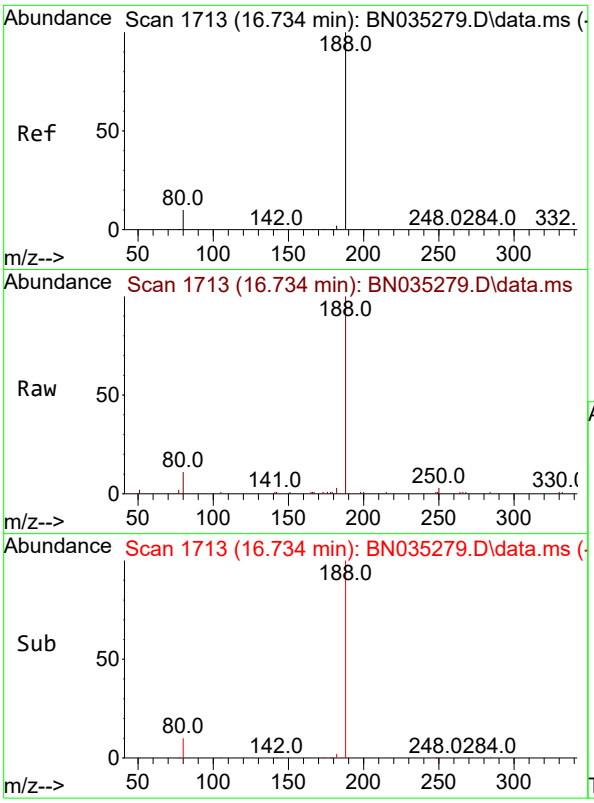


#18
Fluorene
Concen: 0.368 ng
RT: 15.035 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:166 Resp: 4816

Ion	Ratio	Lower	Upper
166	100		
165	101.5	81.2	121.8
167	13.1	10.5	15.7



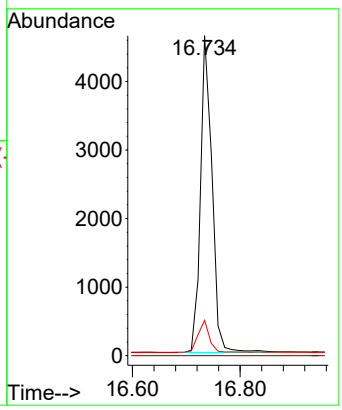


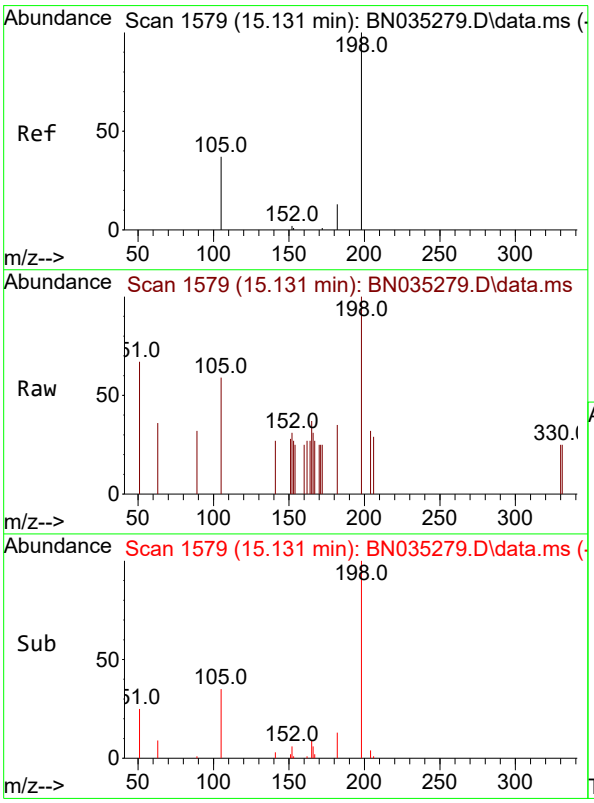
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 6895

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	8.9	13.3

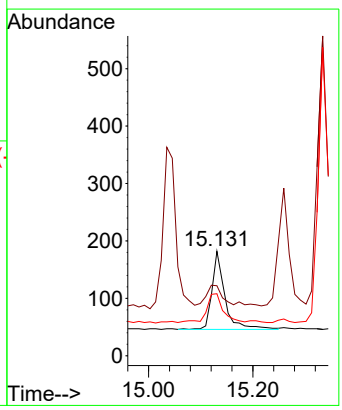


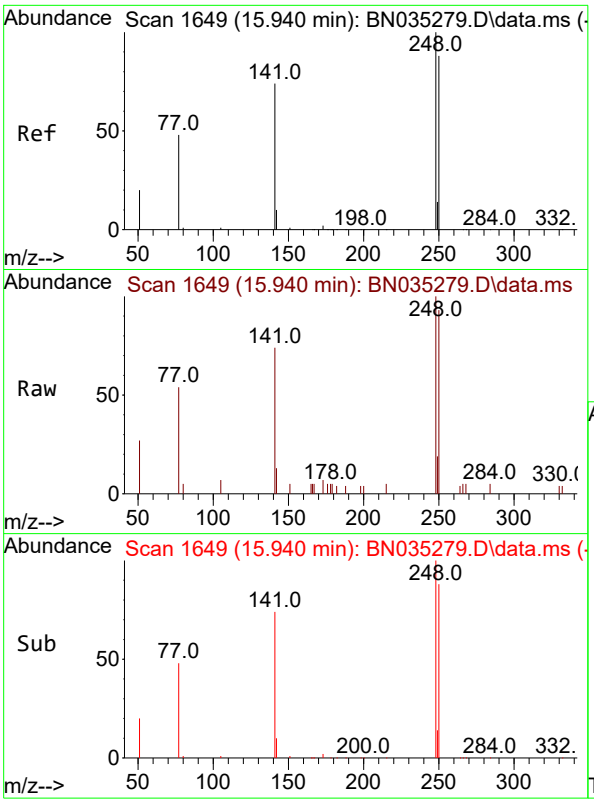


#20
4,6-Dinitro-2-methylphenol
Concen: 0.423 ng
RT: 15.131 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:198 Resp: 233

Ion	Ratio	Lower	Upper
198	100		
51	67.0	53.6	80.4
105	59.3	47.4	71.2



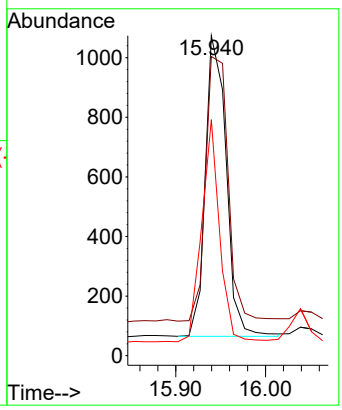


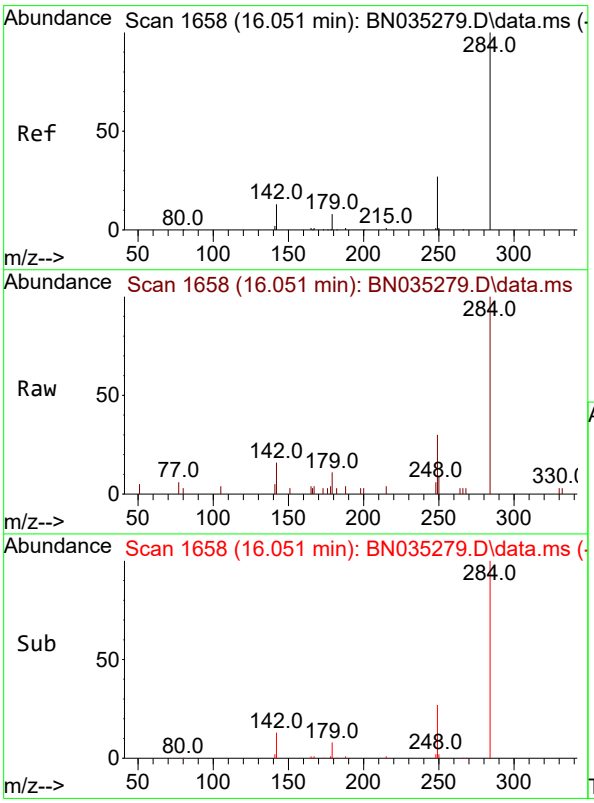
#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 15.940 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 1623

Ion	Ratio	Lower	Upper
248	100		
250	93.5	74.8	112.2
141	73.7	59.0	88.4

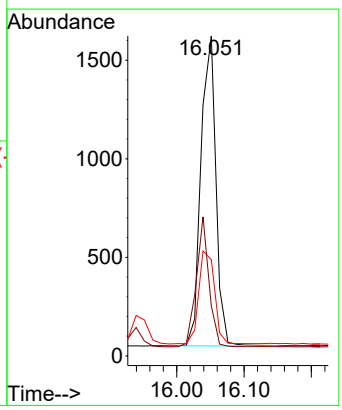


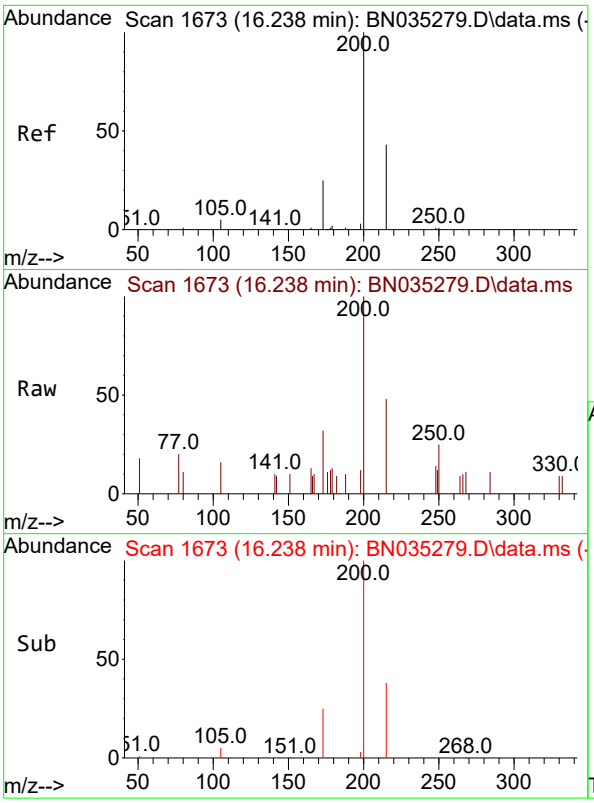


#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.051 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:284 Resp: 2429

Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.7	43.1
249	31.7	25.4	38.0



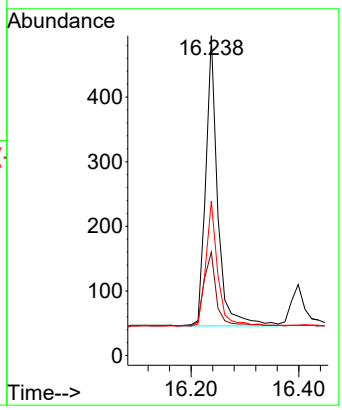


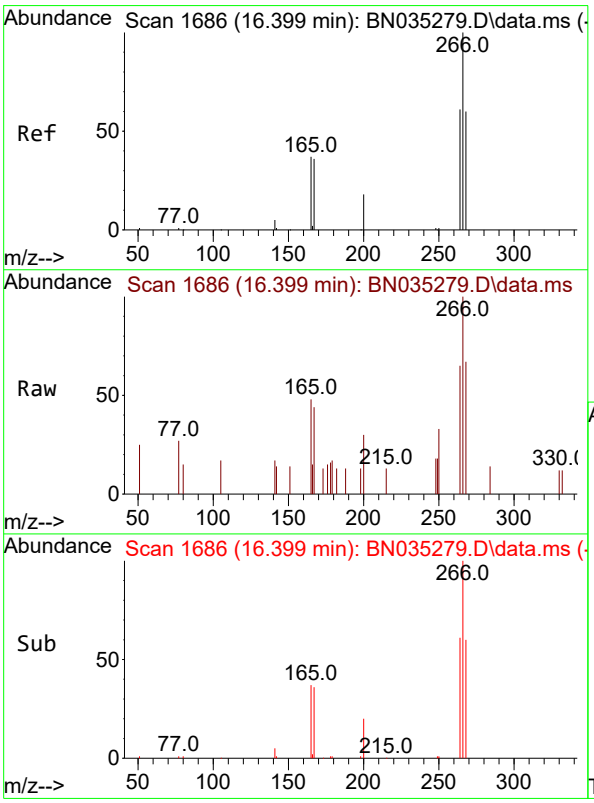
#23
Atrazine
Concen: 0.374 ng
RT: 16.238 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 689

Ion	Ratio	Lower	Upper
200	100		
173	32.3	25.8	38.8
215	48.3	38.6	58.0

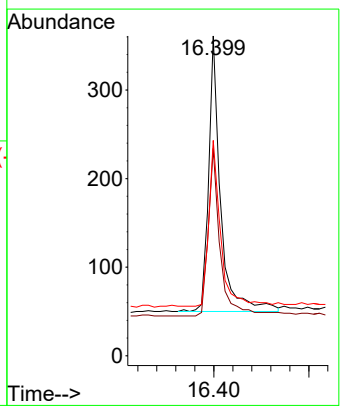


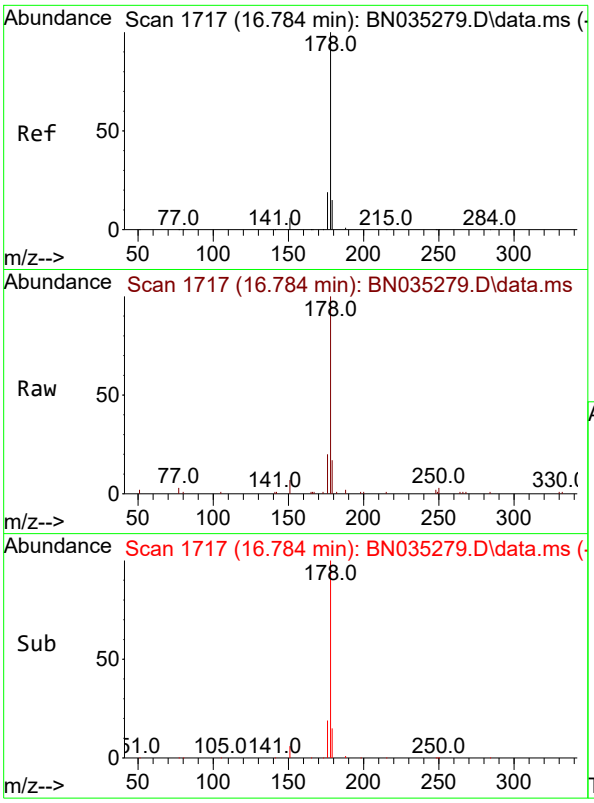


#24
Pentachlorophenol
Concen: 0.362 ng
RT: 16.399 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:266 Resp: 544

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.3	73.9
268	60.8	48.6	73.0



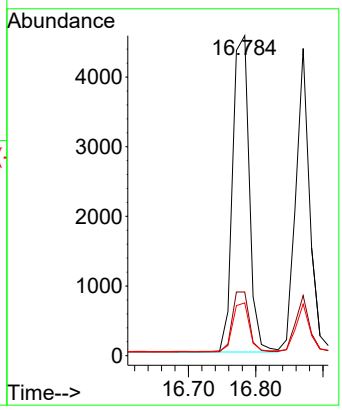


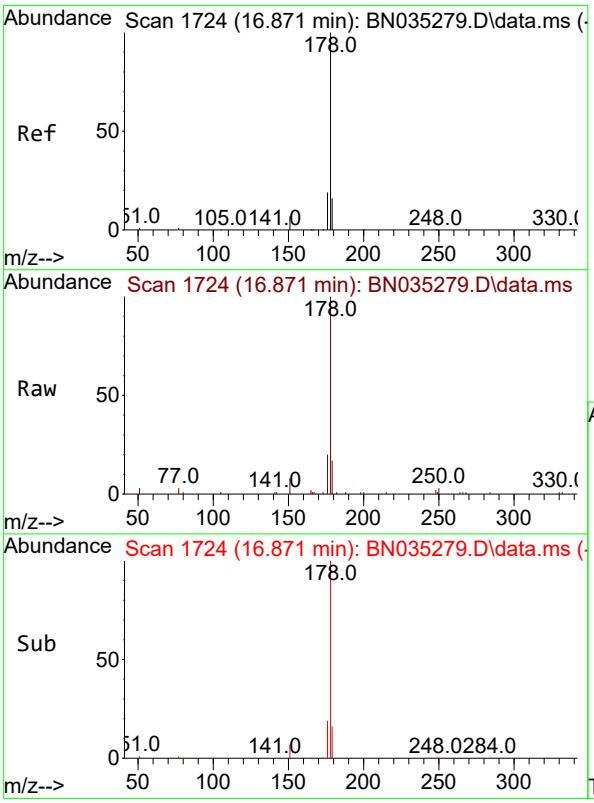
#25
Phenanthrene
Concen: 0.368 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 7798

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.7	12.6	18.8

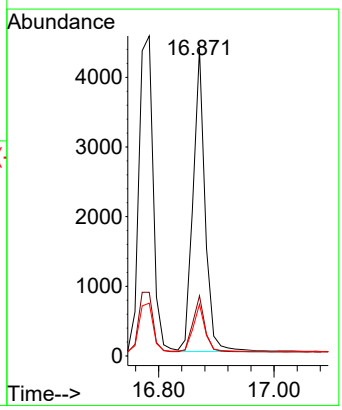


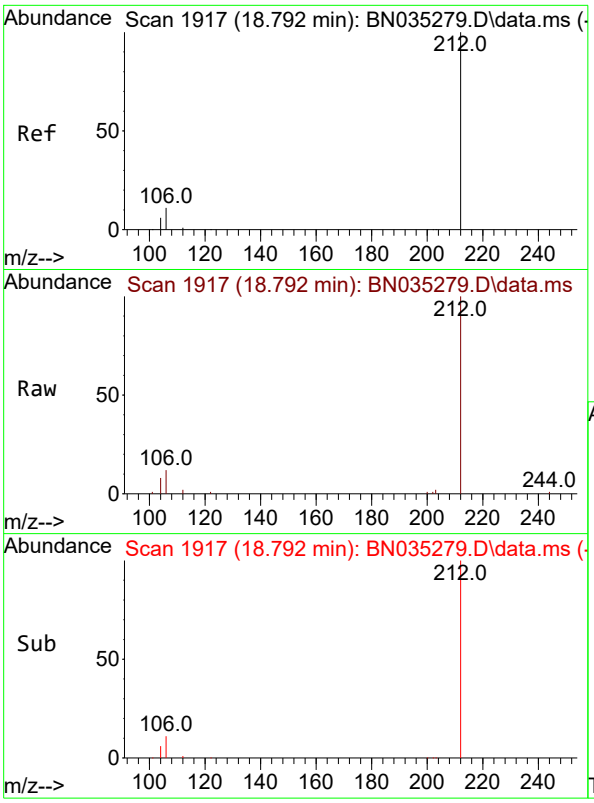


#26
Anthracene
Concen: 0.345 ng
RT: 16.871 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:178 Resp: 6280

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.4	18.6



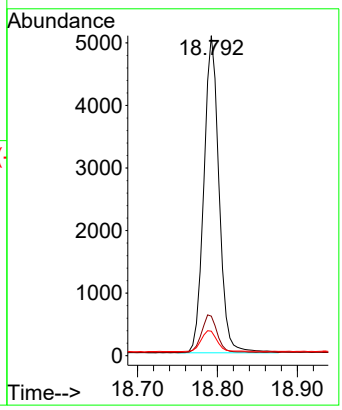


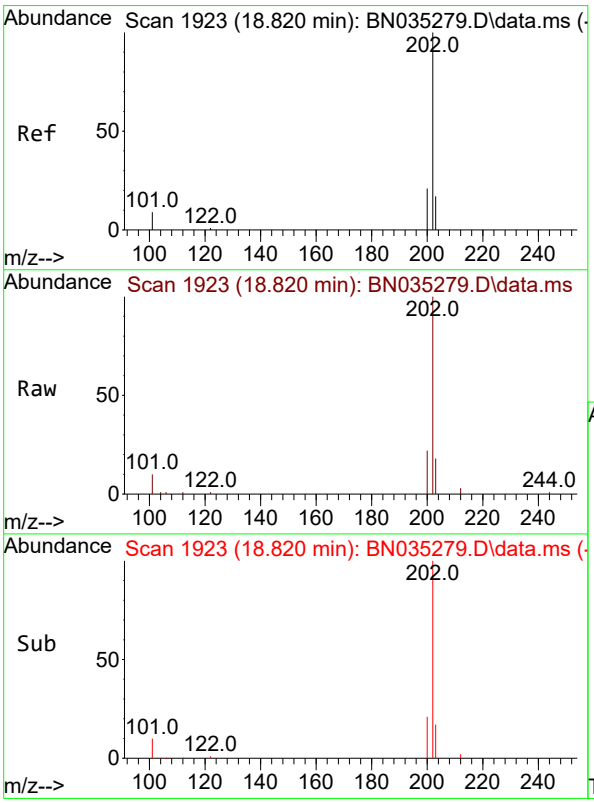
#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 18.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 6669

Ion	Ratio	Lower	Upper
212	100		
106	12.3	9.8	14.8
104	7.0	5.6	8.4

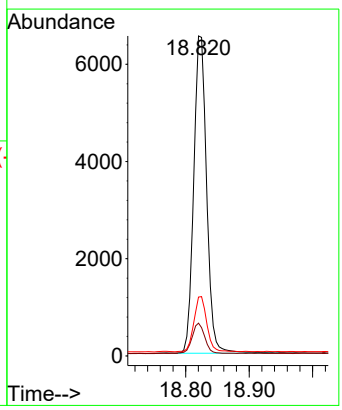


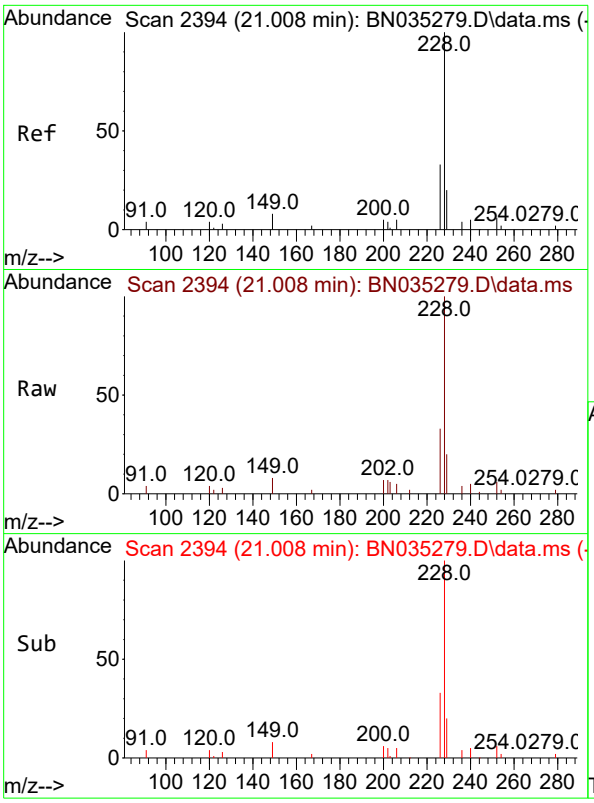


#28
Fluoranthene
Concen: 0.346 ng
RT: 18.820 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:202 Resp: 9240

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.6	11.4
203	17.3	13.8	20.8



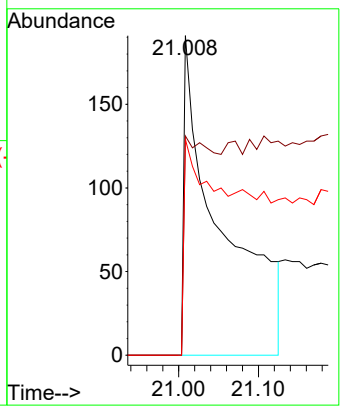


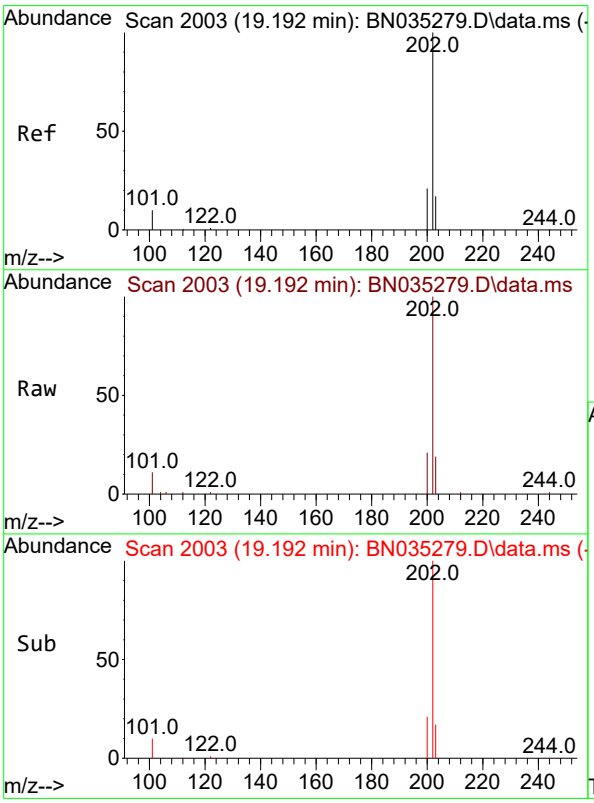
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 586

Ion	Ratio	Lower	Upper
240	100		
120	68.6	54.9	82.3
236	67.5	54.0	81.0

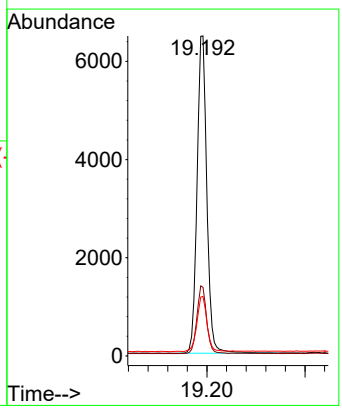


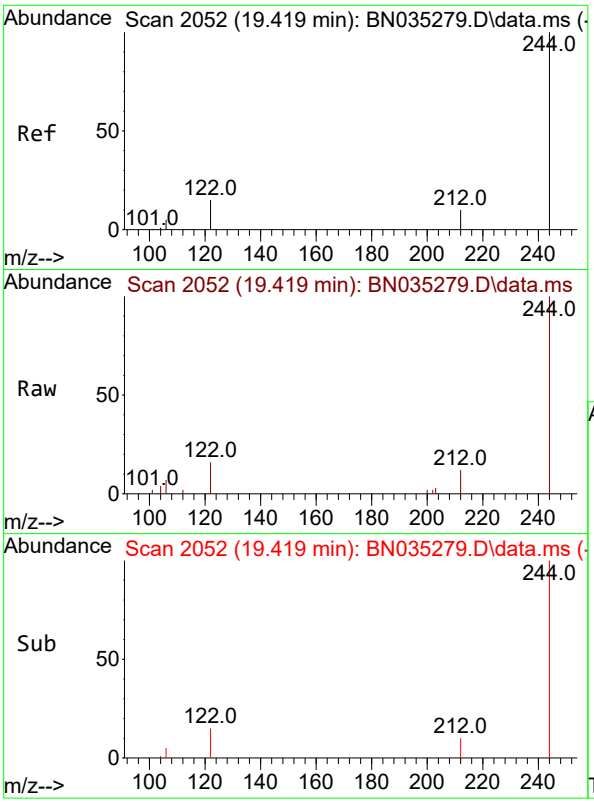


#30
Pyrene
Concen: 0.420 ng
RT: 19.192 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:202 Resp: 8957

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



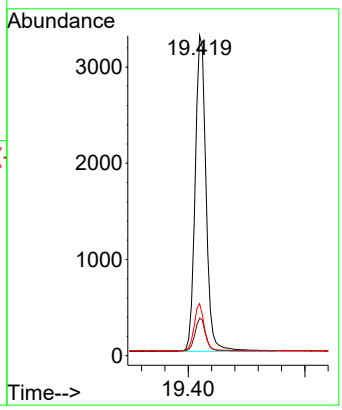


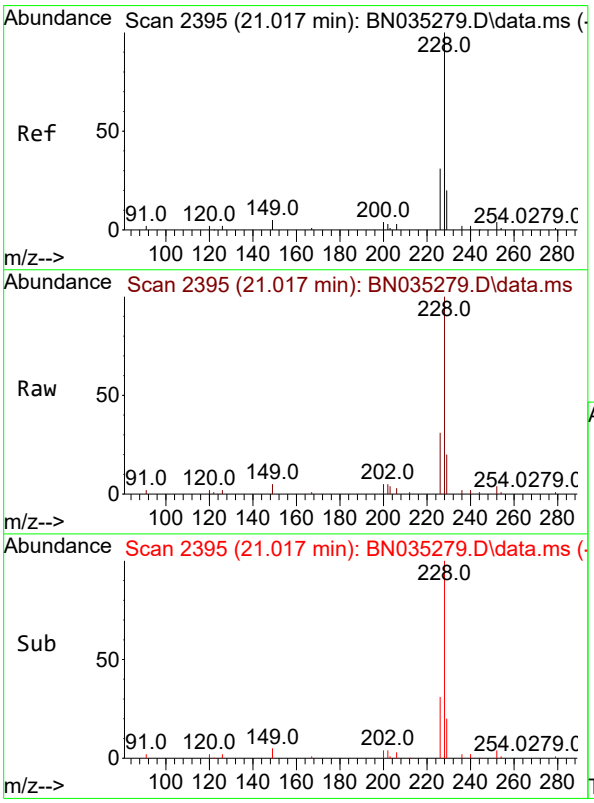
#31
Terphenyl-d14
Concen: 0.393 ng
RT: 19.419 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 4254

Ion	Ratio	Lower	Upper
244	100		
212	11.7	9.4	14.0
122	16.2	13.0	19.4

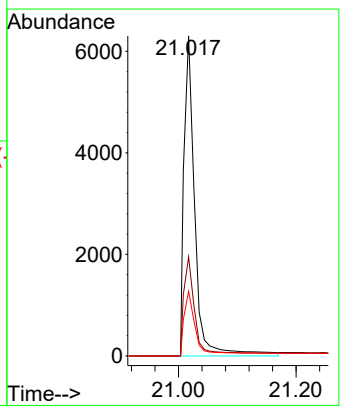


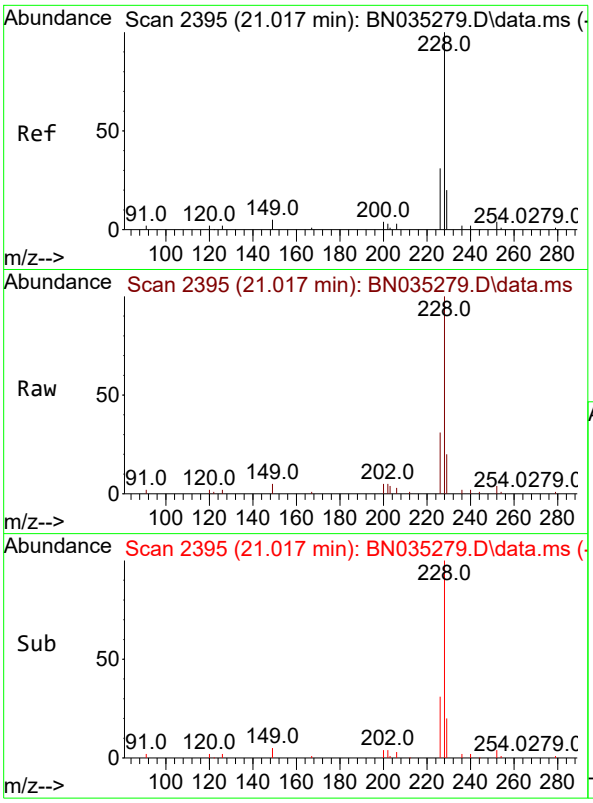


#32
Benzo(a)anthracene
Concen: 0.397 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:228 Resp: 8100

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	20.2	16.2	24.2



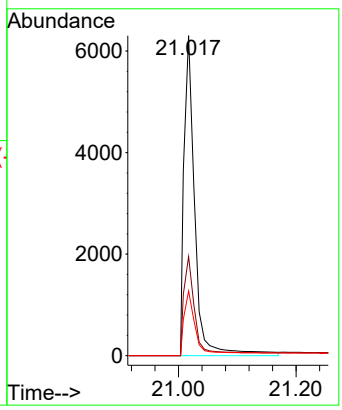


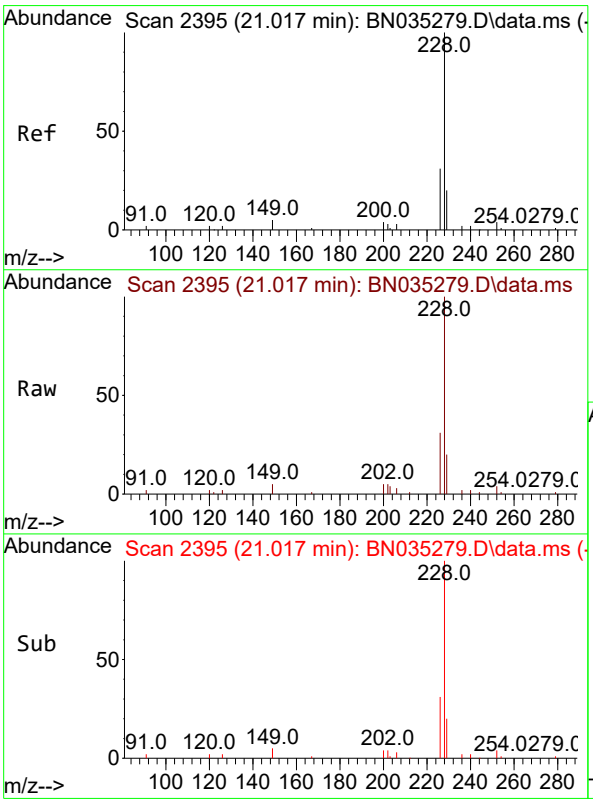
#33
Chrysene
Concen: 0.397 ng
RT: 21.017 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 8100

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	20.2	16.2	24.2

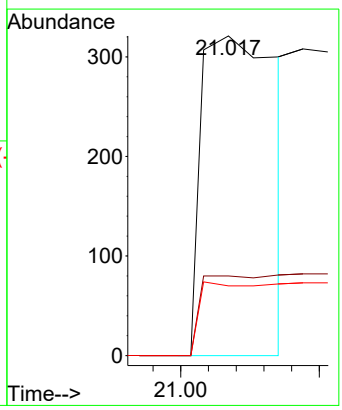


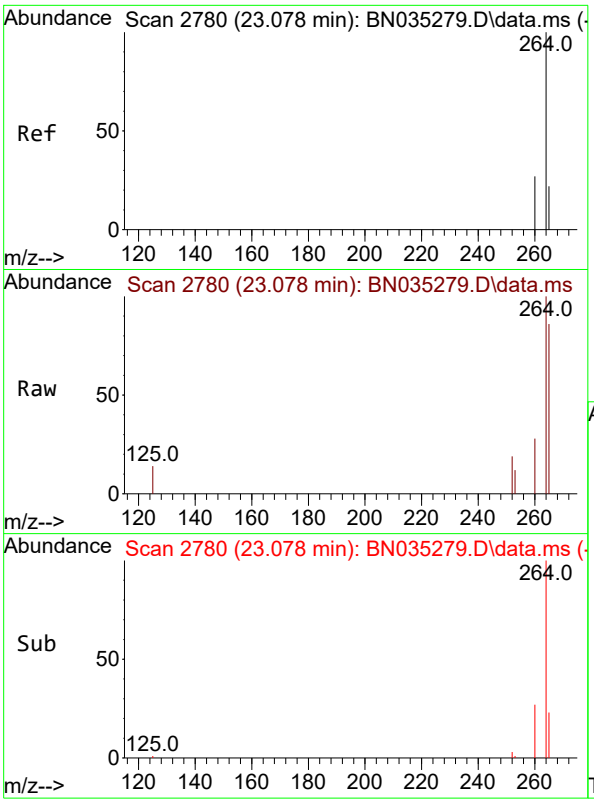


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.207 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:149 Resp: 533

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	16.3	13.0	19.6



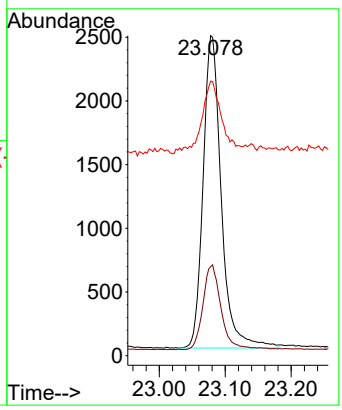


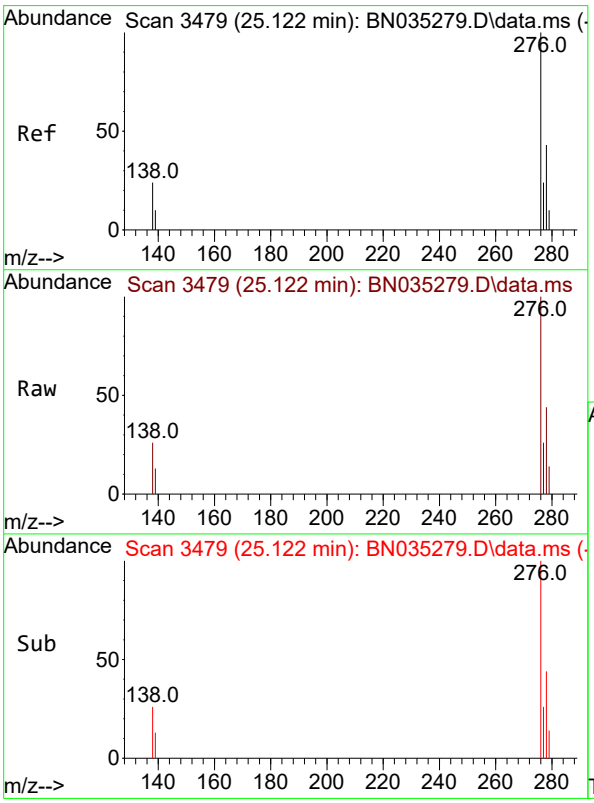
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.078 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 4692

Ion	Ratio	Lower	Upper
264	100		
260	27.9	22.3	33.5
265	85.8	68.6	103.0

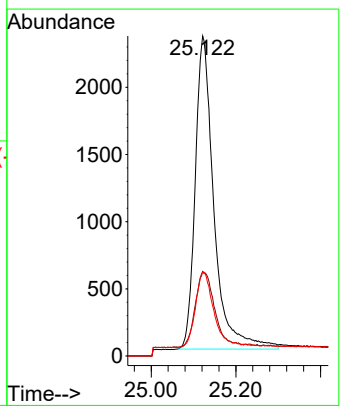


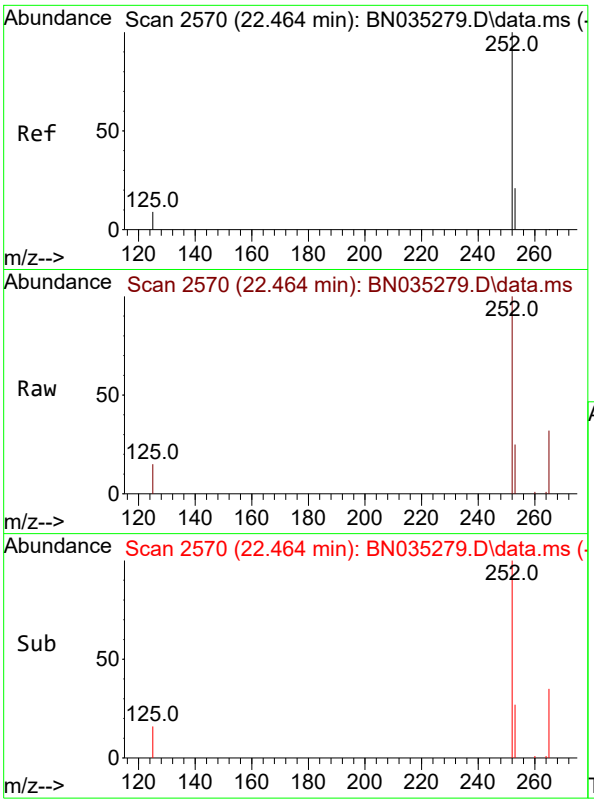


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng
RT: 25.122 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:276 Resp: 7146

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.8	28.2
277	22.8	18.2	27.4



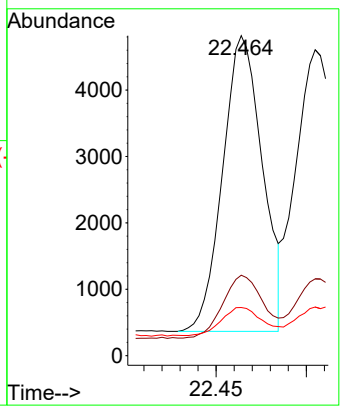


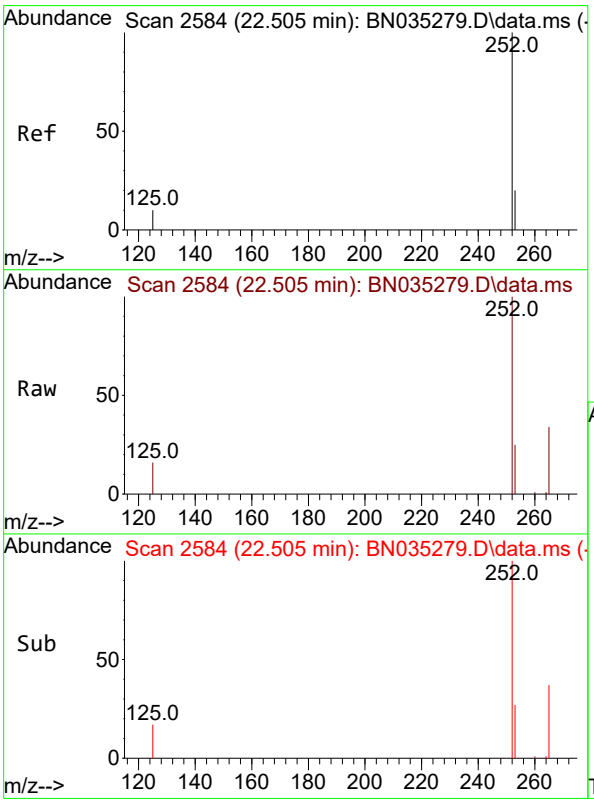
#37
Benzo(b)fluoranthene
Concen: 0.334 ng
RT: 22.464 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 6813

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	15.0	12.0	18.0

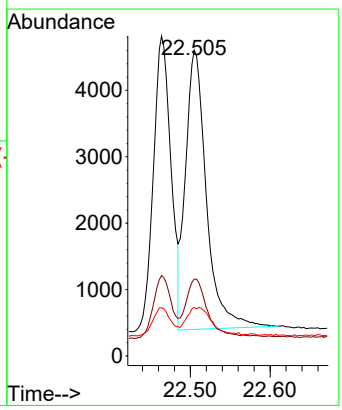


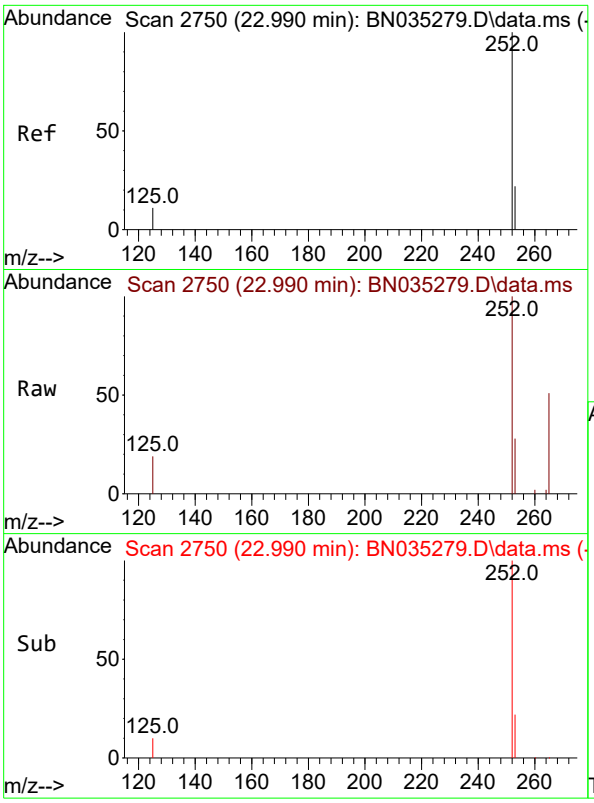


#38
Benzo(k)fluoranthene
Concen: 0.355 ng
RT: 22.505 min Scan# 2584
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:252 Resp: 7659

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	15.9	12.7	19.1



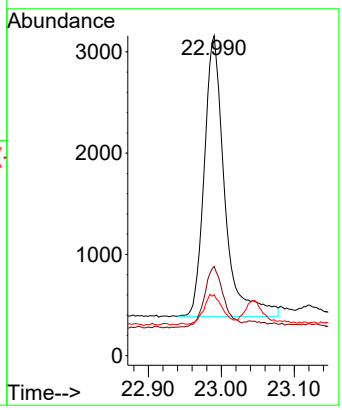


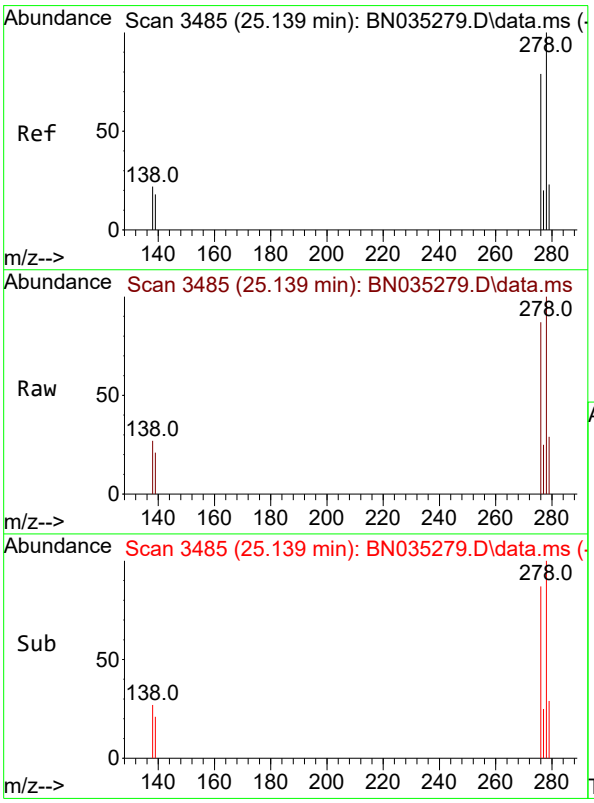
#39
Benzo(a)pyrene
Concen: 0.344 ng
RT: 22.990 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 5365

Ion	Ratio	Lower	Upper
252	100		
253	27.9	22.3	33.5
125	19.1	15.3	22.9

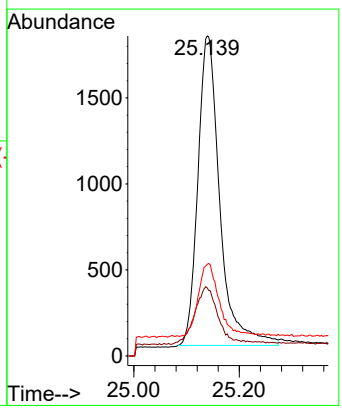


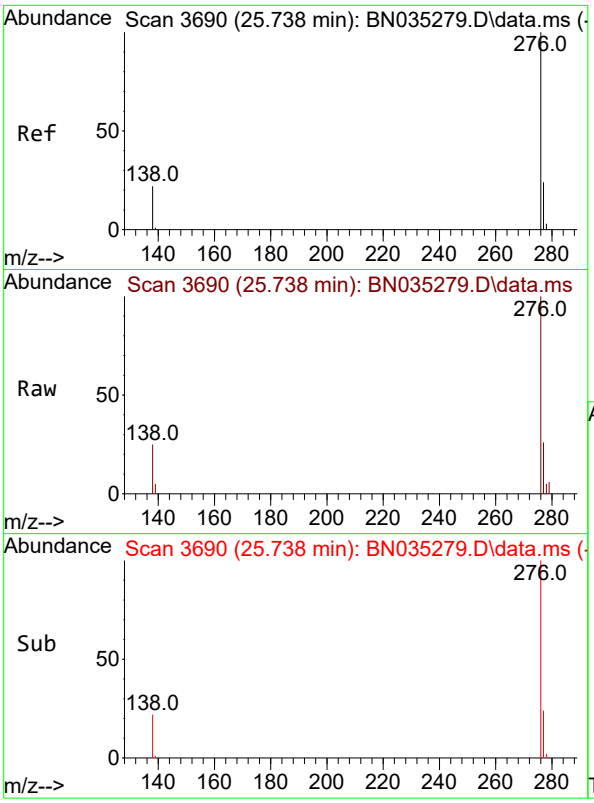


#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 25.139 min Scan# 3485
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Tgt Ion:278 Resp: 5194

Ion	Ratio	Lower	Upper
278	100		
139	21.3	17.0	25.6
279	28.7	23.0	34.4





#41
Benzo(g,h,i)perylene
Concen: 0.347 ng
RT: 25.738 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035279.D
Acq: 25 Nov 2024 11:28

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 5823

Ion	Ratio	Lower	Upper
276	100		
277	26.4	21.1	31.7
138	24.8	19.8	29.8