Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031447.D
Acq On : 09 May 2024 17:16
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 10 01:58:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 01:50:23 2024
Response via : Initial Calibration

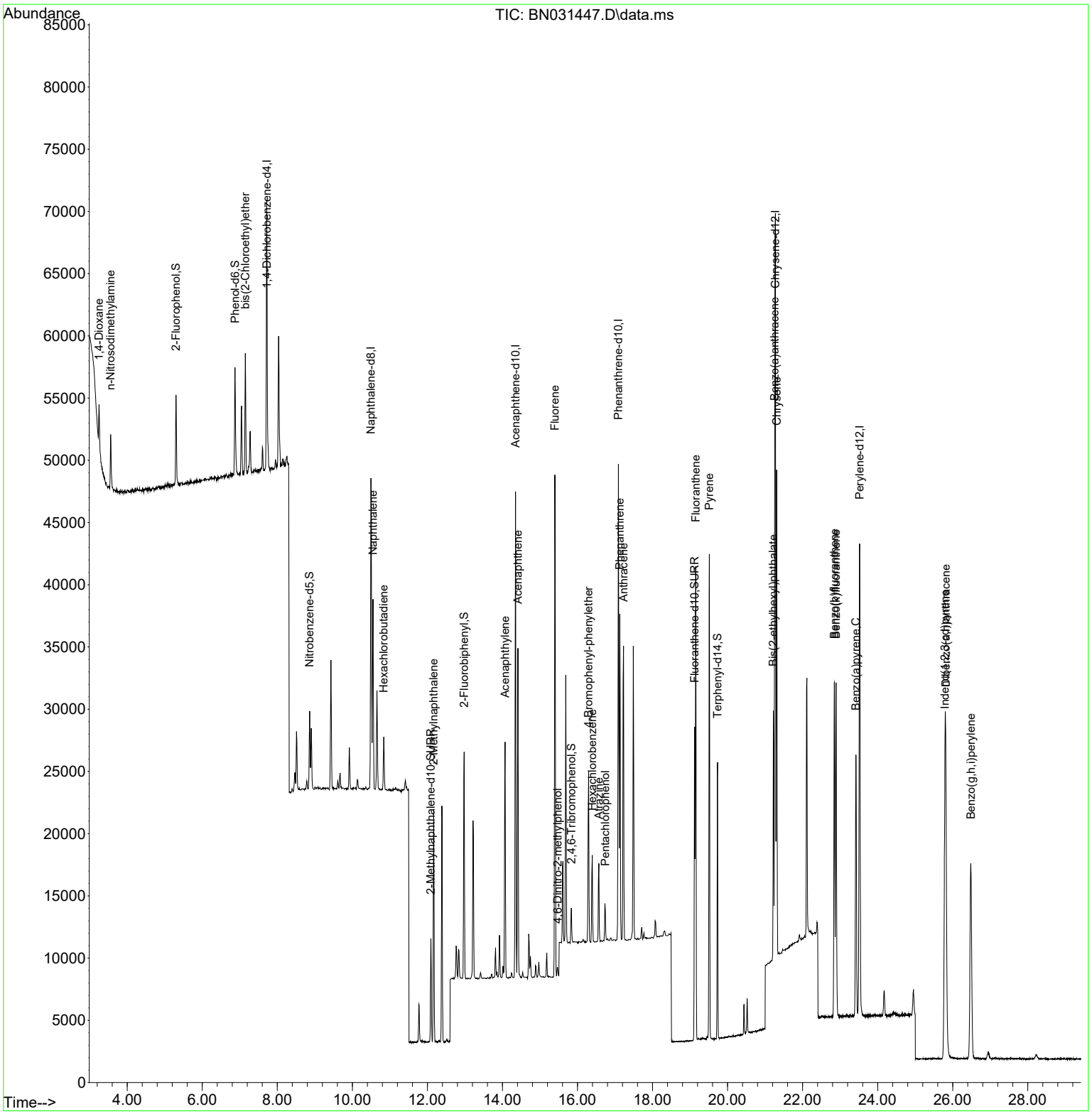
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.718	152	10361	0.400	ng		0.00
7) Naphthalene-d8	10.496	136	33993	0.400	ng		0.00
13) Acenaphthene-d10	14.349	164	21040	0.400	ng		0.00
19) Phenanthrene-d10	17.091	188	48314	0.400	ng		0.00
29) Chrysene-d12	21.274	240	43796	0.400	ng		0.00
35) Perylene-d12	23.519	264	48833	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	6119	0.252	ng		0.00
5) Phenol-d6	6.873	99	8212	0.285	ng		0.00
8) Nitrobenzene-d5	8.862	82	5070	0.170	ng		0.00
11) 2-Methylnaphthalene-d10	12.092	152	11184	0.222	ng		0.00
14) 2,4,6-Tribromophenol	15.837	330	1577	0.169	ng		0.00
15) 2-Fluorobiphenyl	12.981	172	16520	0.212	ng		0.00
27) Fluoranthene-d10	19.124	212	27037	0.207	ng		0.00
31) Terphenyl-d14	19.732	244	21294	0.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	2786	0.225	ng		92
3) n-Nitrosodimethylamine	3.558	42	2584	0.209	ng	#	91
6) bis(2-Chloroethyl)ether	7.148	93	6958	0.258	ng		98
9) Naphthalene	10.549	128	19213	0.202	ng	#	93
10) Hexachlorobutadiene	10.837	225	3390	0.171	ng	#	98
12) 2-Methylnaphthalene	12.168	142	13277	0.227	ng		95
16) Acenaphthylene	14.071	152	21596	0.234	ng		99
17) Acenaphthene	14.413	154	13302	0.210	ng		99
18) Fluorene	15.397	166	17678	0.216	ng		99
20) 4,6-Dinitro-2-methylph...	15.472	198	693	0.090	ng	#	12
21) 4-Bromophenyl-phenylether	16.296	248	5718	0.205	ng		95
22) Hexachlorobenzene	16.396	284	5722	0.179	ng		99
23) Atrazine	16.569	200	5240	0.240	ng		96
24) Pentachlorophenol	16.743	266	1656	0.126	ng		97
25) Phenanthrene	17.128	178	27209	0.196	ng		100
26) Anthracene	17.227	178	27201	0.233	ng		100
28) Fluoranthene	19.151	202	33420	0.197	ng		100
30) Pyrene	19.514	202	34916	0.198	ng		100
32) Benzo(a)anthracene	21.256	228	32831	0.217	ng		100
33) Chrysene	21.310	228	31465	0.200	ng		100
34) Bis(2-ethylhexyl)phtha...	21.220	149	19015	0.238	ng		99
36) Indeno(1,2,3-cd)pyrene	25.794	276	38261	0.194	ng		100
37) Benzo(b)fluoranthene	22.847	252	34732	0.181	ng	#	94
38) Benzo(k)fluoranthene	22.891	252	32668	0.174	ng	#	94
39) Benzo(a)pyrene	23.420	252	29878	0.186	ng	#	93
40) Dibenzo(a,h)anthracene	25.814	278	30559	0.197	ng		96
41) Benzo(g,h,i)perylene	26.484	276	32699	0.207	ng		96

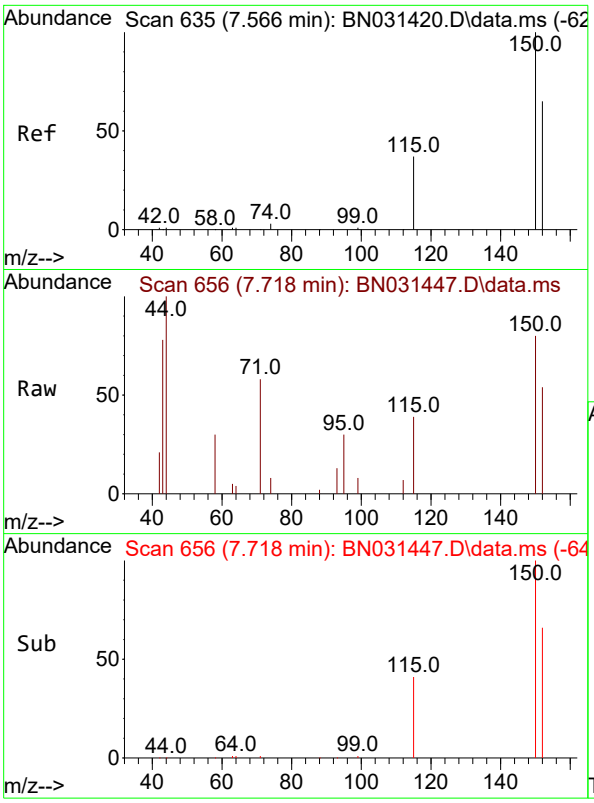
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031447.D
Acq On : 09 May 2024 17:16
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 10 01:58:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 01:50:23 2024
Response via : Initial Calibration



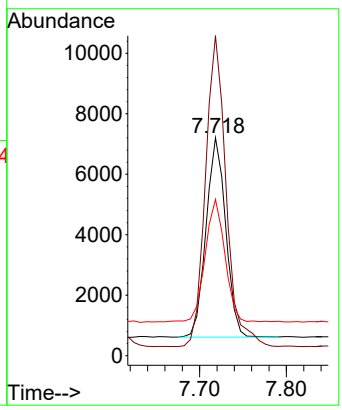


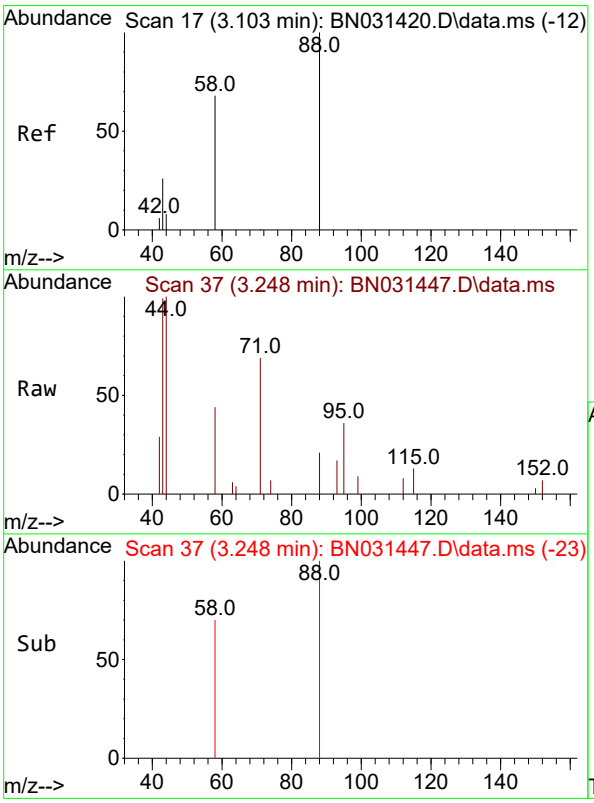
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.718 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 10361

Ion	Ratio	Lower	Upper
152	100		
150	146.8	119.3	178.9
115	71.7	54.8	82.2

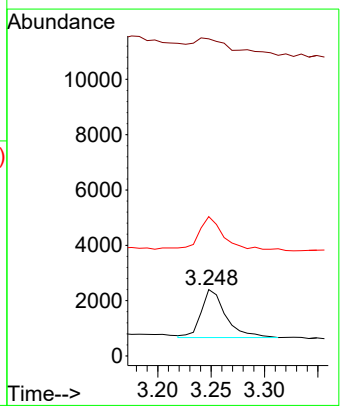


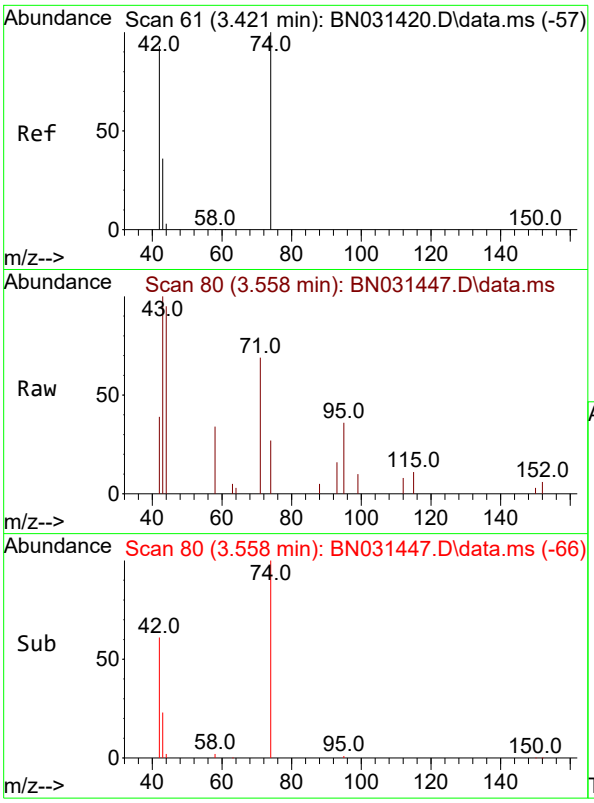


#2
1,4-Dioxane
Concen: 0.225 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion: 88 Resp: 2786

Ion	Ratio	Lower	Upper
88	100		
43	54.8	39.0	58.6
58	75.2	54.9	82.3



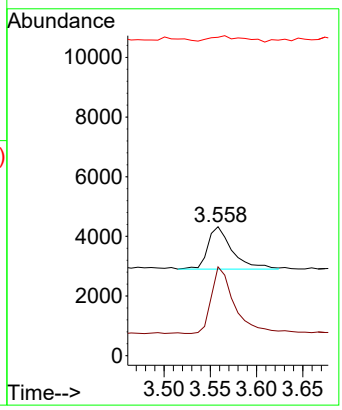


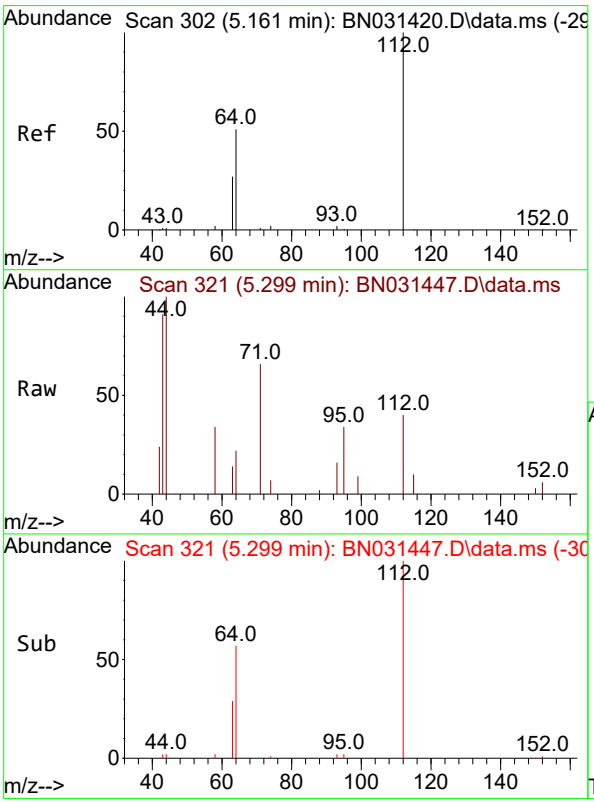
#3
n-Nitrosodimethylamine
Concen: 0.209 ng
RT: 3.558 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 2584

Ion	Ratio	Lower	Upper
42	100		
74	147.6	126.4	189.6
44	19.3	6.9	10.3#

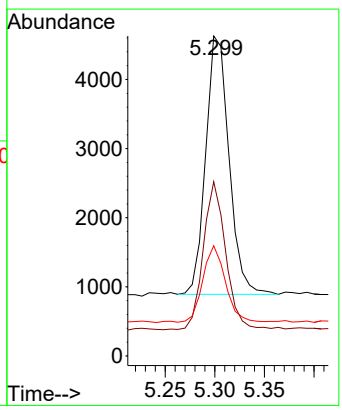


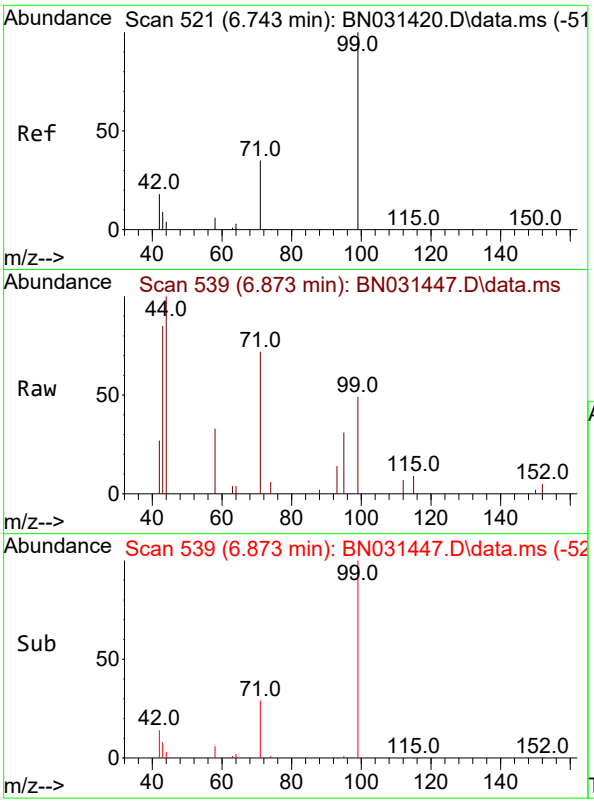


#4
2-Fluorophenol
Concen: 0.252 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:112 Resp: 6119

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.0	66.0
63	29.2	22.2	33.4



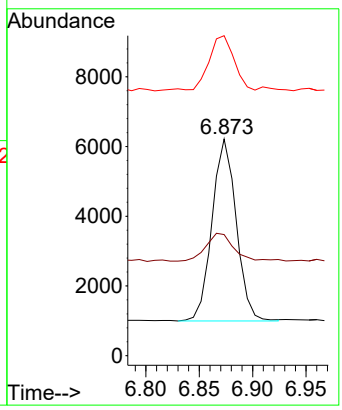


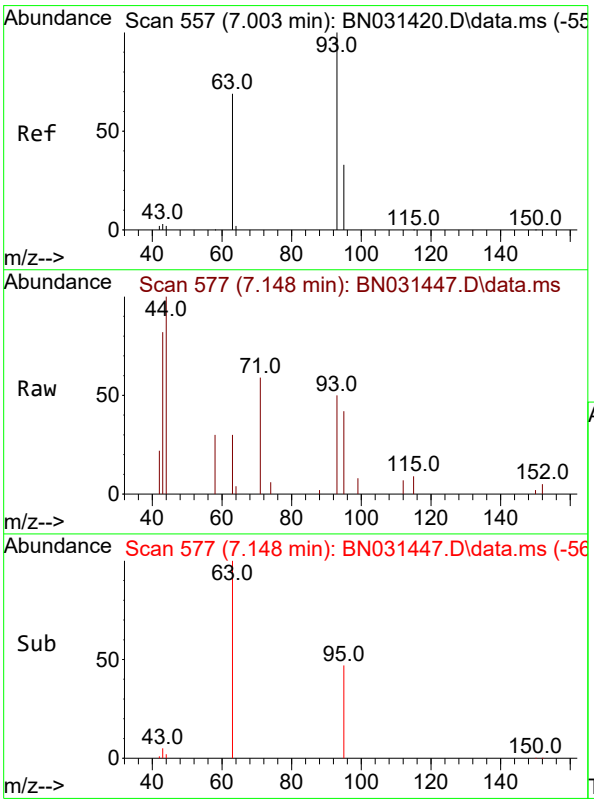
#5
Phenol-d6
Concen: 0.285 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 8212

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	32.2	26.1	39.1

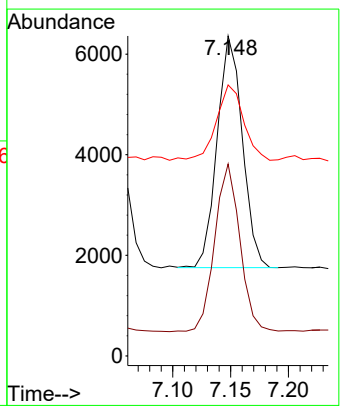


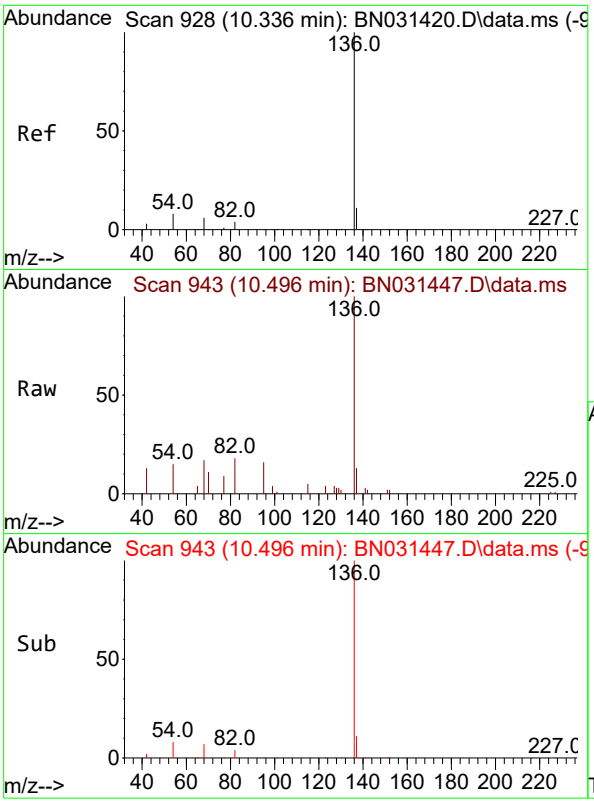


#6
bis(2-Chloroethyl)ether
Concen: 0.258 ng
RT: 7.148 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion: 93 Resp: 6958

Ion	Ratio	Lower	Upper
93	100		
63	72.4	56.6	85.0
95	35.3	27.3	40.9



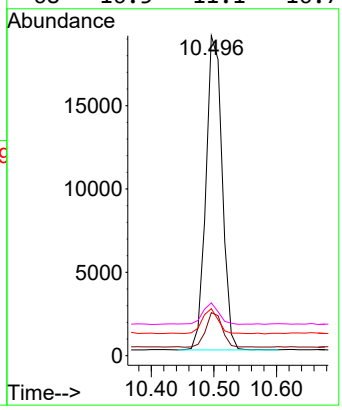


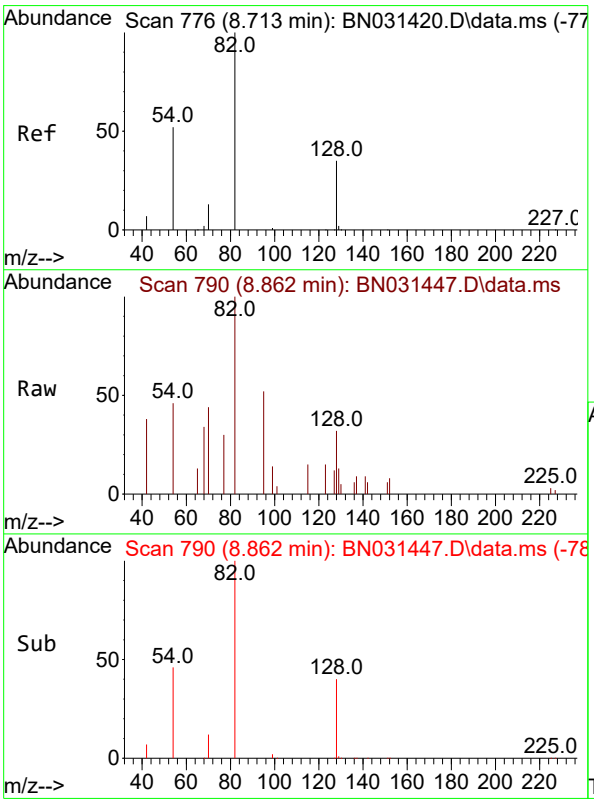
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 33993

Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.1	15.1
54	14.7	10.5	15.7
68	16.5	11.1	16.7

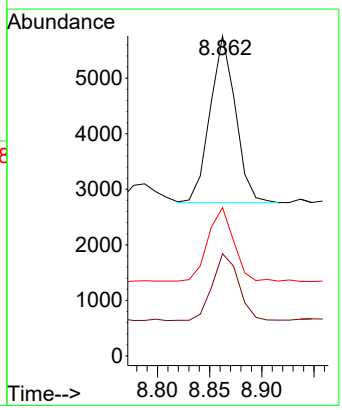


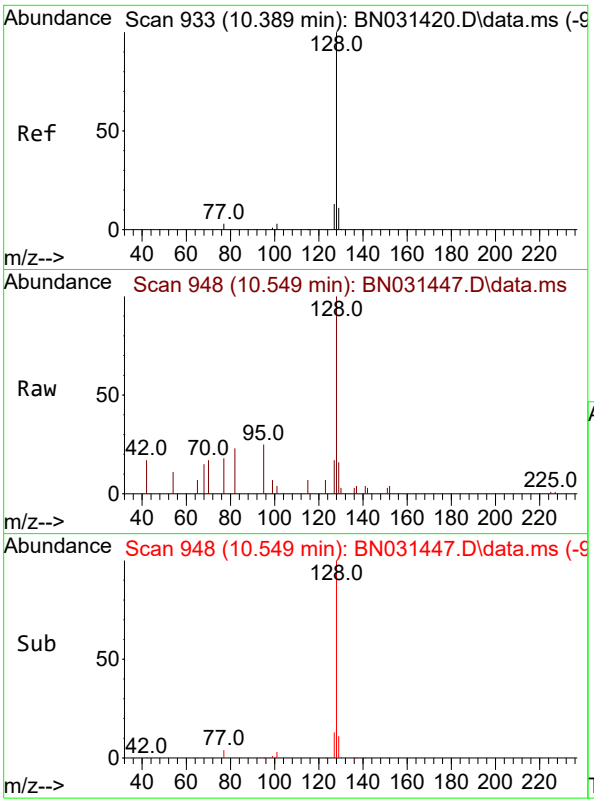


#8
Nitrobenzene-d5
Concen: 0.170 ng
RT: 8.862 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion: 82 Resp: 5070

Ion	Ratio	Lower	Upper
82	100		
128	31.9	29.0	43.6
54	46.4	37.2	55.8



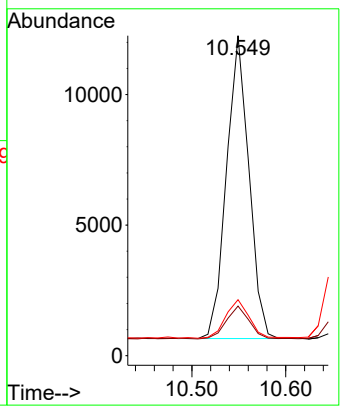


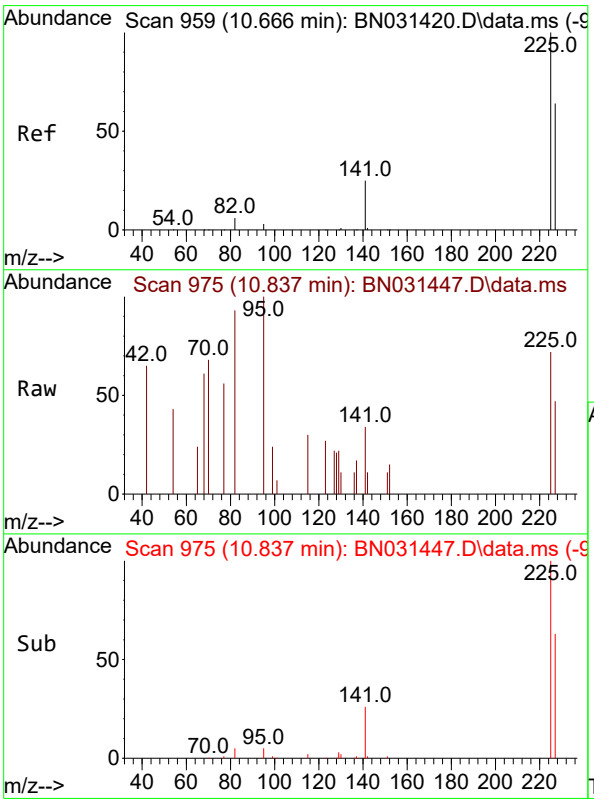
#9
Naphthalene
Concen: 0.202 ng
RT: 10.549 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 19213

Ion	Ratio	Lower	Upper
128	100		
129	15.5	10.2	15.4#
127	17.5	11.7	17.5

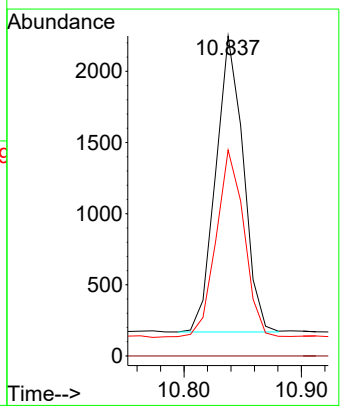


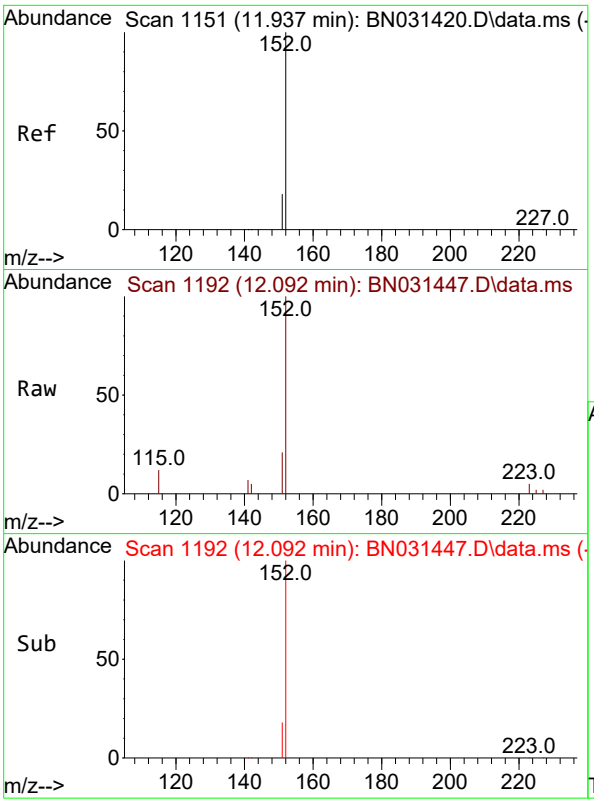


#10
Hexachlorobutadiene
Concen: 0.171 ng
RT: 10.837 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:225 Resp: 3390

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.7	76.1



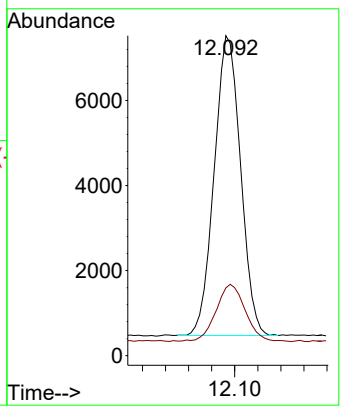


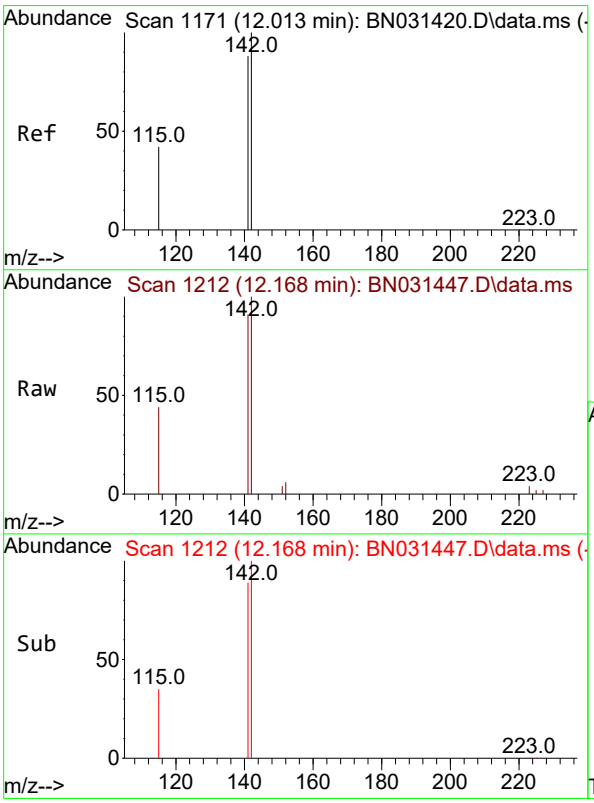
#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 11184

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.6	25.0

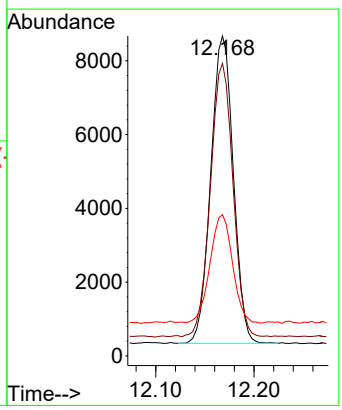


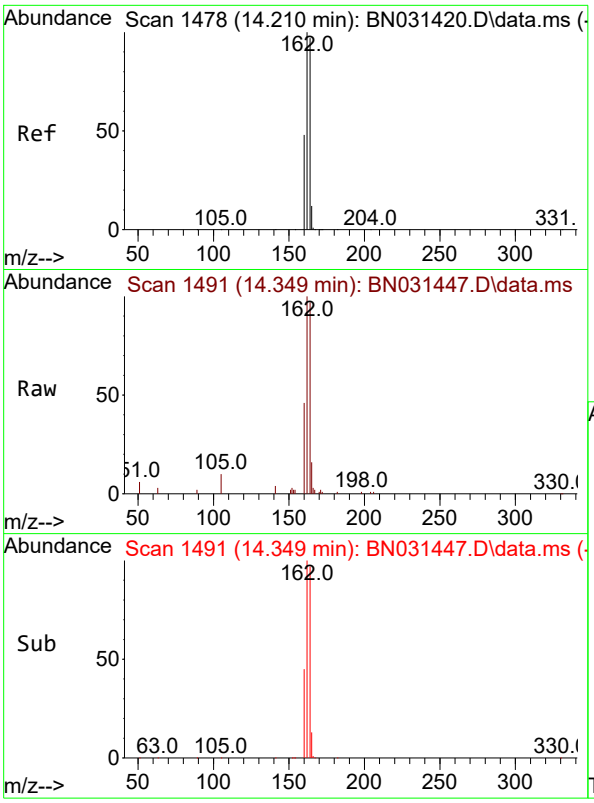


#12
2-Methylnaphthalene
Concen: 0.227 ng
RT: 12.168 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:142 Resp: 13277

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.0	106.6
115	44.2	30.2	45.2



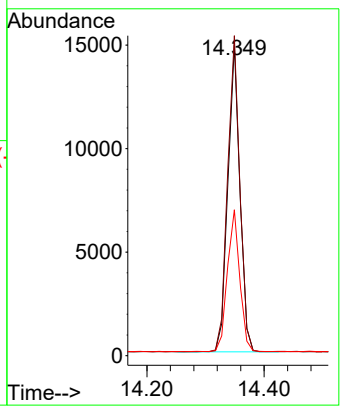


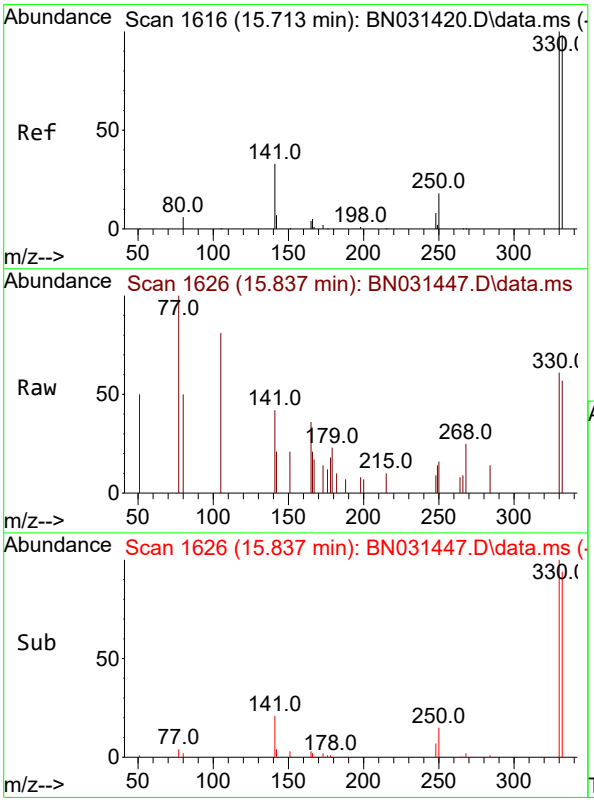
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.349 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 21040

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.2	121.8
160	46.9	37.0	55.6

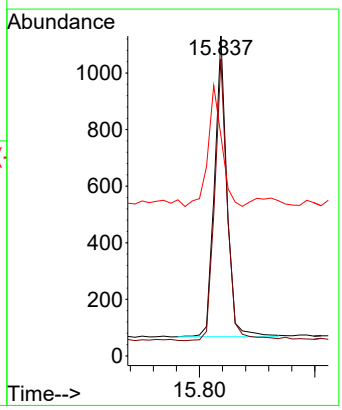


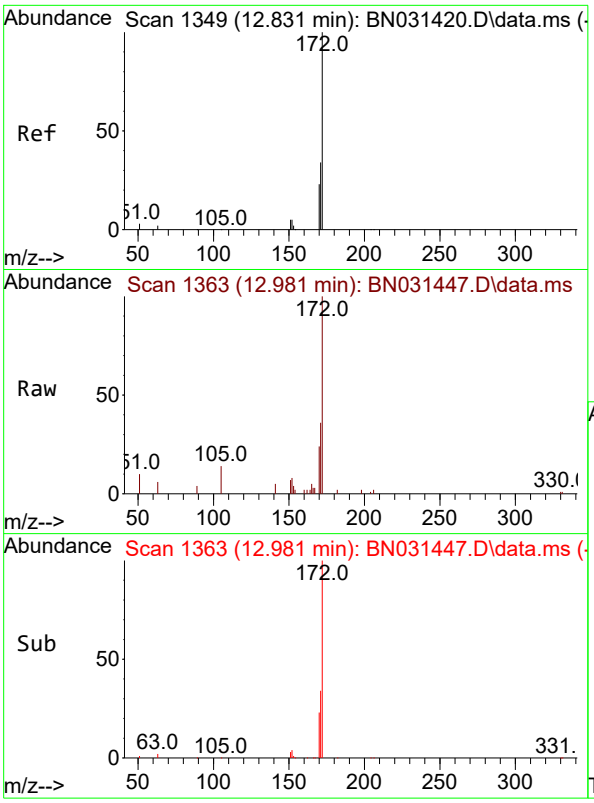


#14
2,4,6-Tribromophenol
Concen: 0.169 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:330 Resp: 1577

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	44.7	37.0	55.4



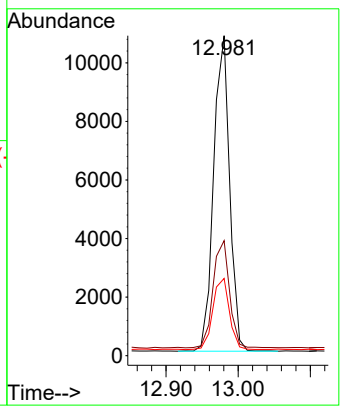


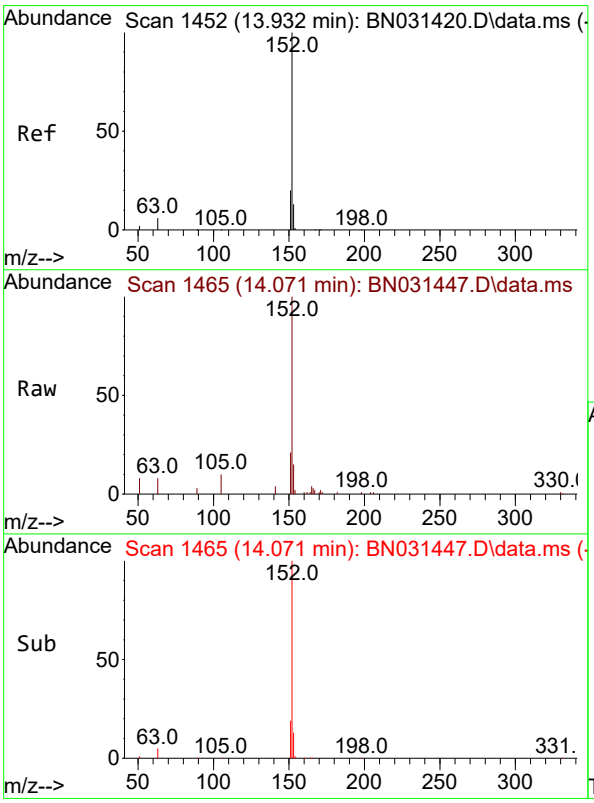
#15
2-Fluorobiphenyl
Concen: 0.212 ng
RT: 12.981 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 16520

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.8
170	24.2	18.3	27.5

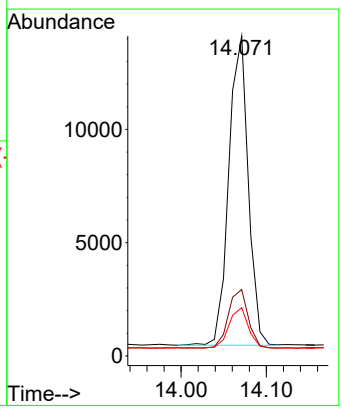


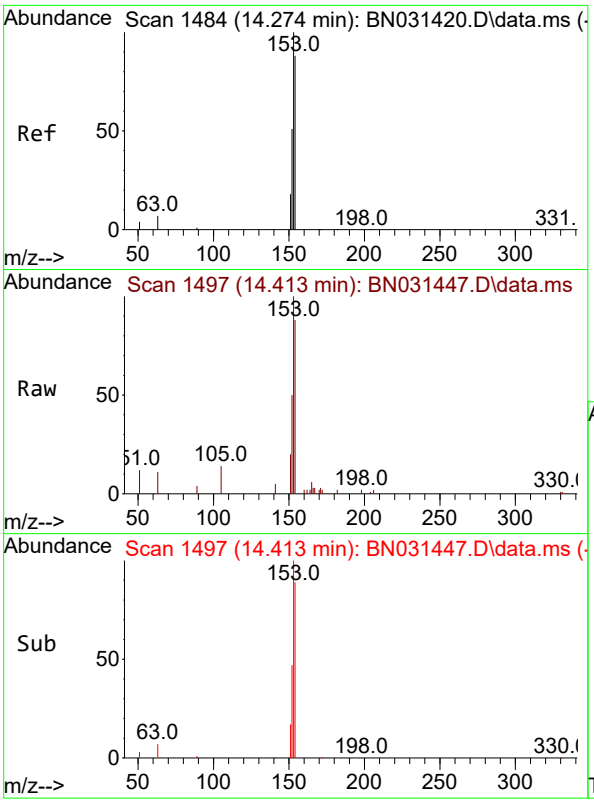


#16
Acenaphthylene
Concen: 0.234 ng
RT: 14.071 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:152 Resp: 21596

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.0	10.5	15.7



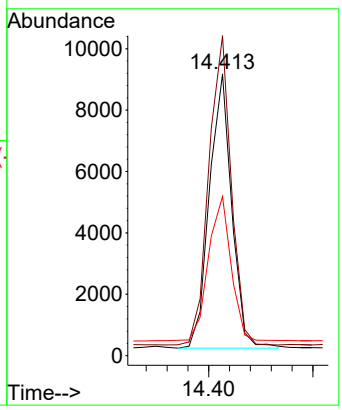


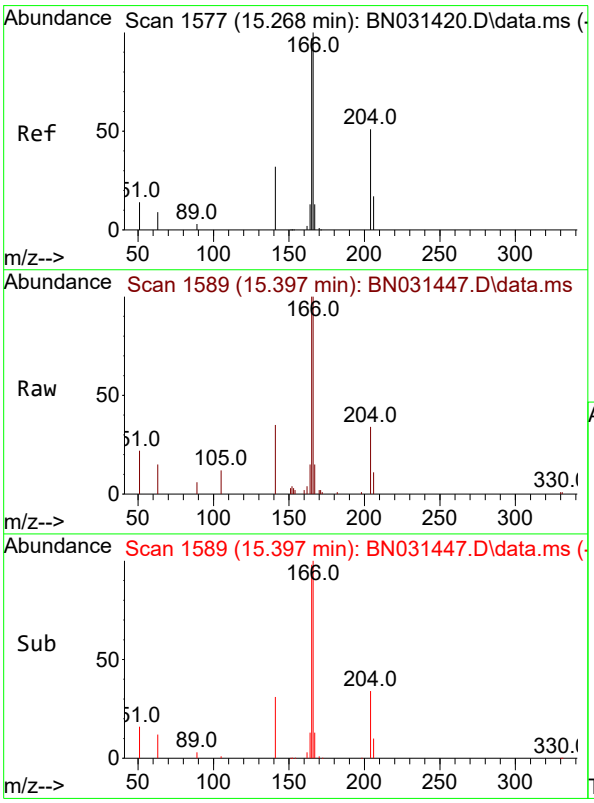
#17
Acenaphthene
Concen: 0.210 ng
RT: 14.413 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 13302

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.1	133.7
152	53.5	42.6	64.0

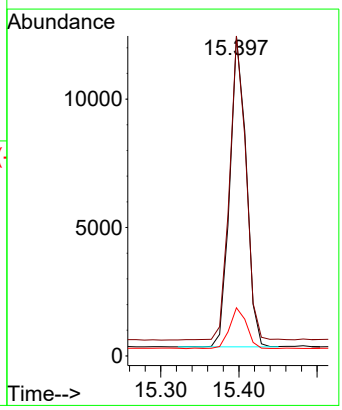


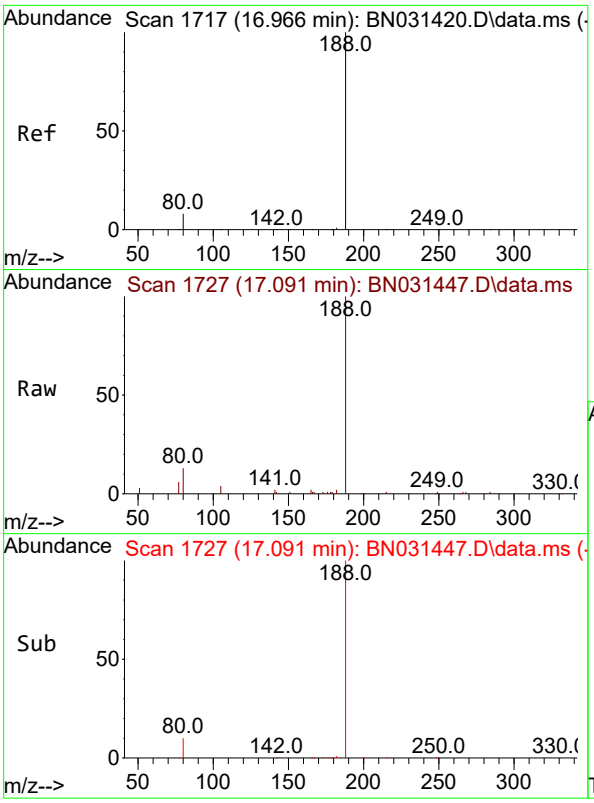


#18
Fluorene
Concen: 0.216 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:166 Resp: 17678

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.7	10.8	16.2



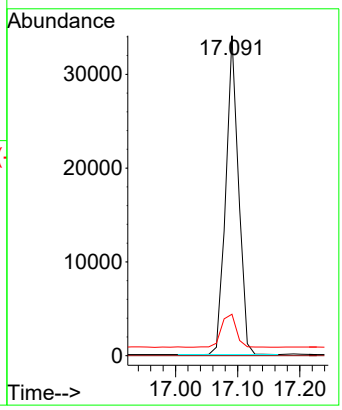


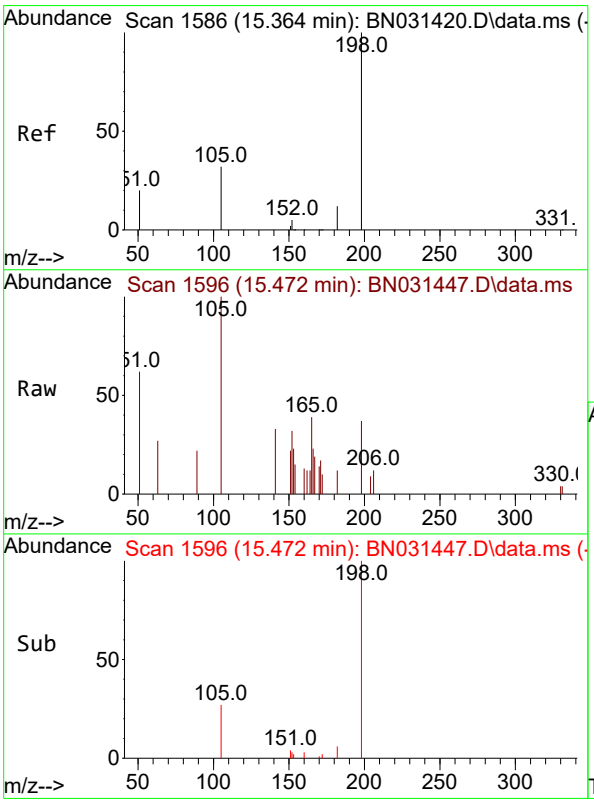
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 48314

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	9.6	14.4

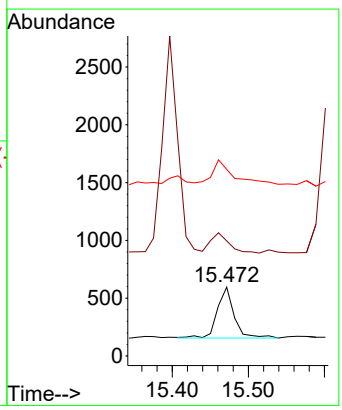


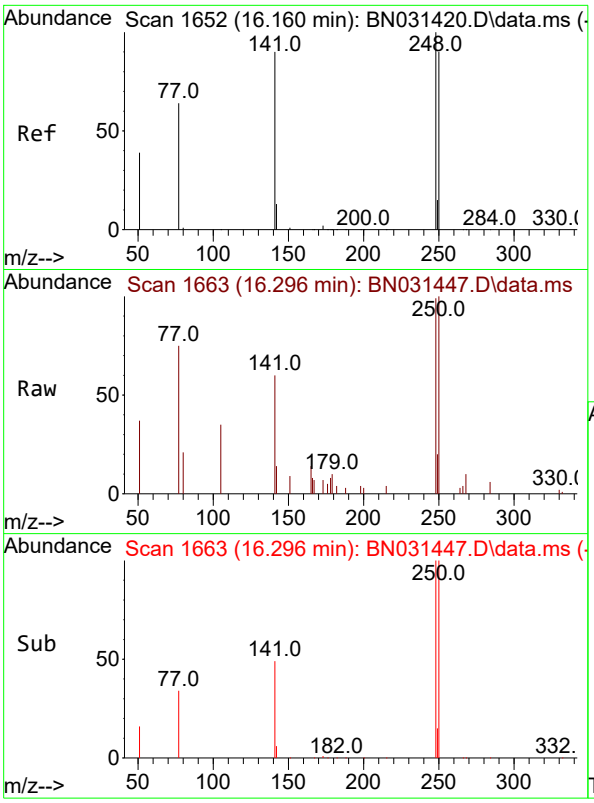


#20
4,6-Dinitro-2-methylphenol
Concen: 0.090 ng
RT: 15.472 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:198 Resp: 693

Ion	Ratio	Lower	Upper
198	100		
51	167.2	78.3	117.5#
105	271.4	117.2	175.8#



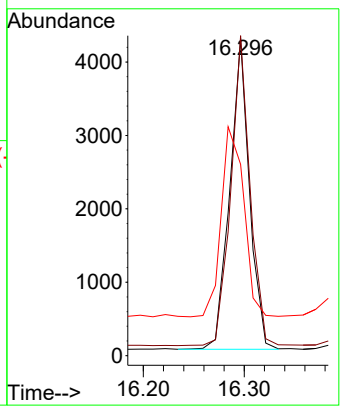


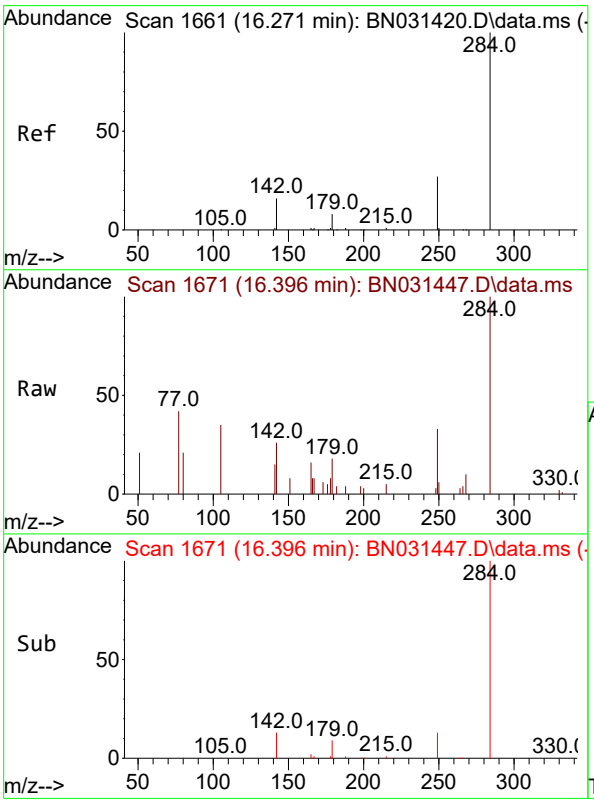
#21
4-Bromophenyl-phenylether
Concen: 0.205 ng
RT: 16.296 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 5718

Ion	Ratio	Lower	Upper
248	100		
250	100.9	77.9	116.9
141	60.3	43.4	65.2

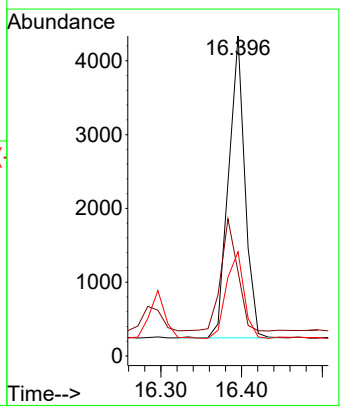


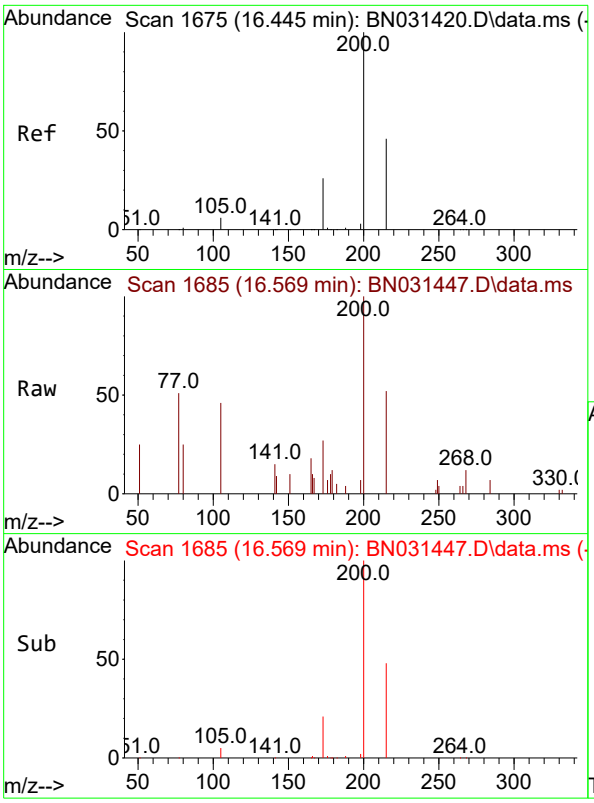


#22
Hexachlorobenzene
Concen: 0.179 ng
RT: 16.396 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:284 Resp: 5722

Ion	Ratio	Lower	Upper
284	100		
142	38.1	31.0	46.6
249	31.2	25.5	38.3



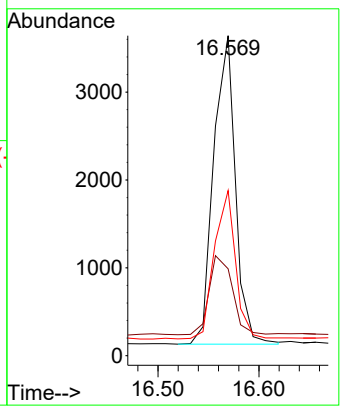


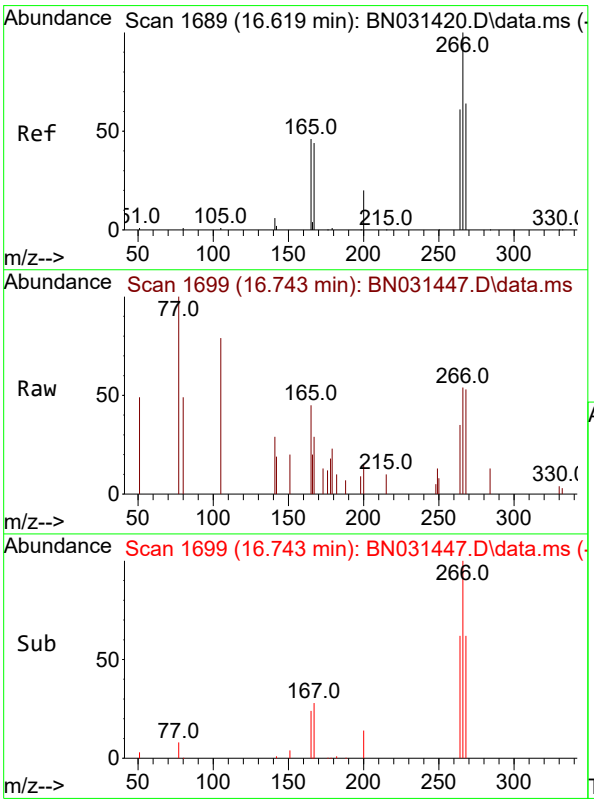
#23
Atrazine
Concen: 0.240 ng
RT: 16.569 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 5240

Ion	Ratio	Lower	Upper
200	100		
173	27.2	19.6	29.4
215	51.6	39.8	59.8

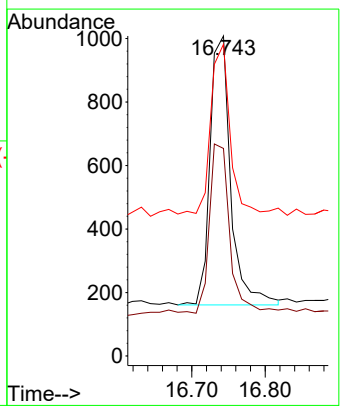


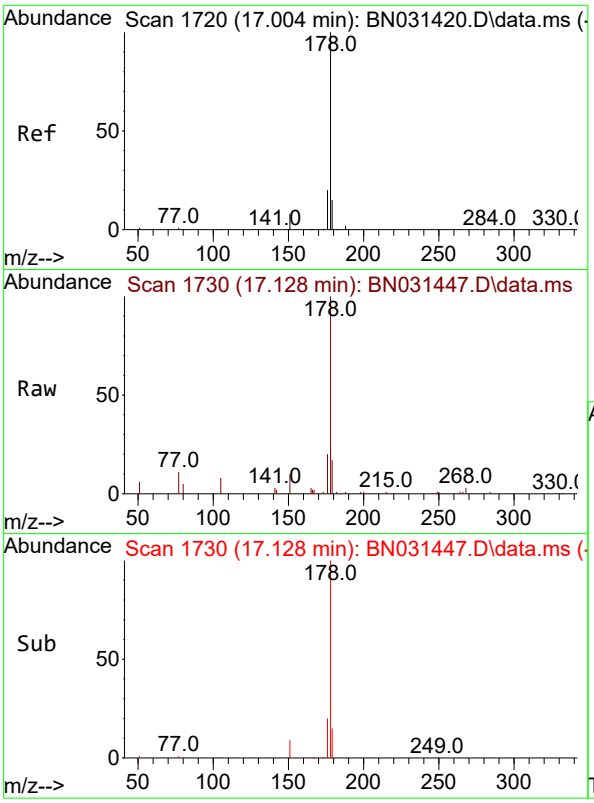


#24
Pentachlorophenol
Concen: 0.126 ng
RT: 16.743 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:266 Resp: 1656

Ion	Ratio	Lower	Upper
266	100		
264	60.7	50.6	75.8
268	58.6	49.0	73.4



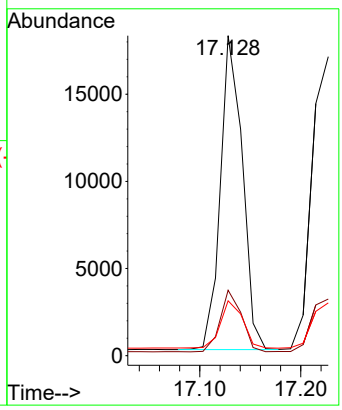


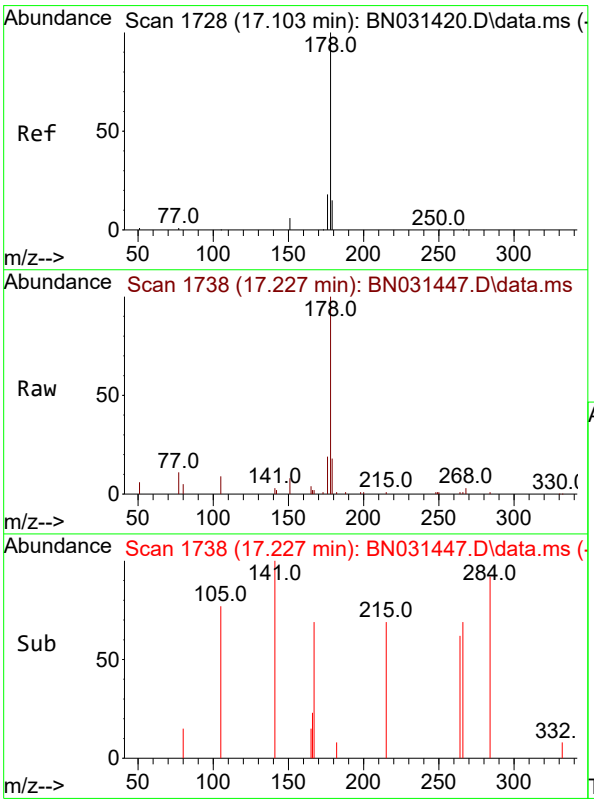
#25
Phenanthrene
Concen: 0.196 ng
RT: 17.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 27209

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.3	18.5

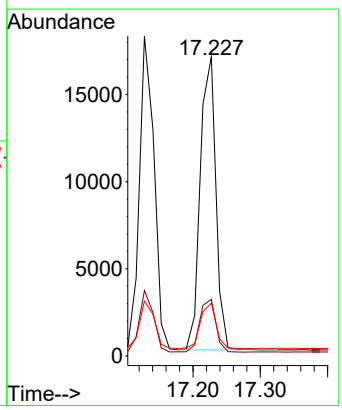


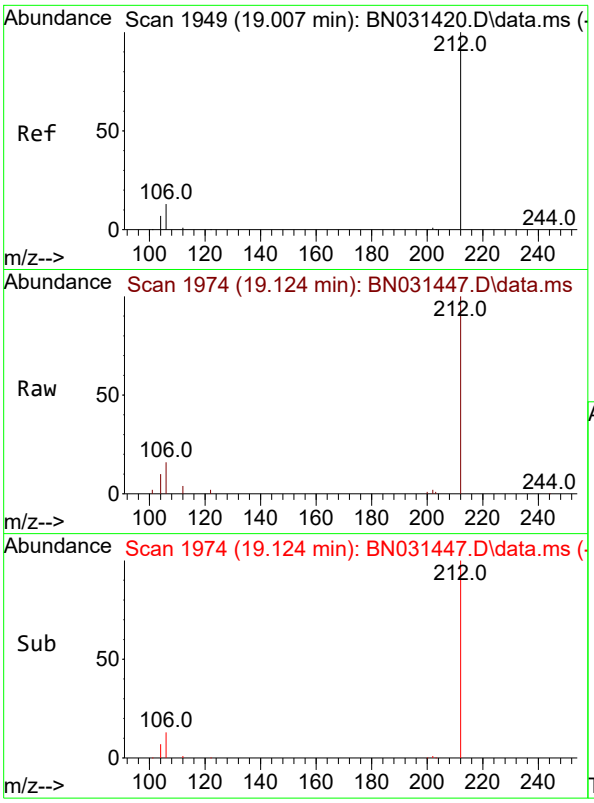


#26
Anthracene
Concen: 0.233 ng
RT: 17.227 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:178 Resp: 27201

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.4	12.4	18.6



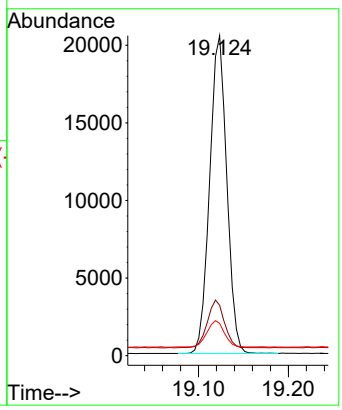


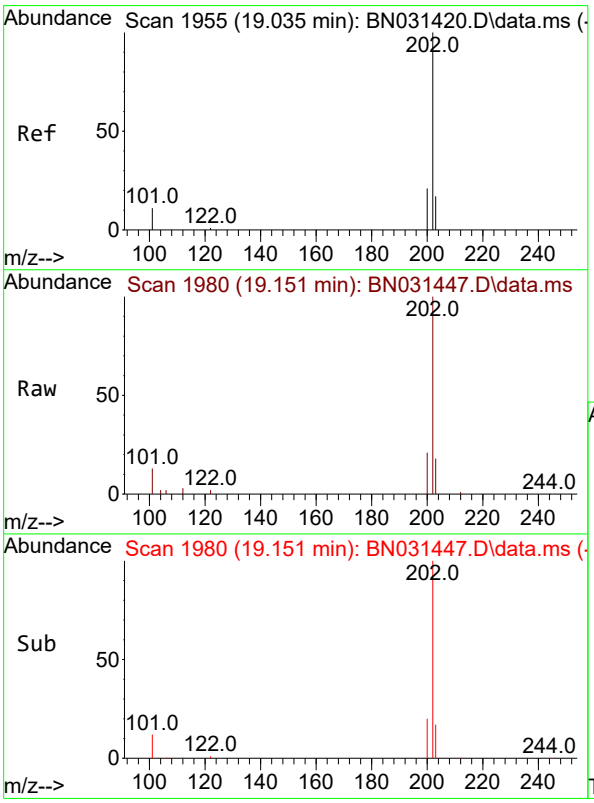
#27
Fluoranthene-d10
Concen: 0.207 ng
RT: 19.124 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 27037

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.0	18.0
104	8.6	6.9	10.3

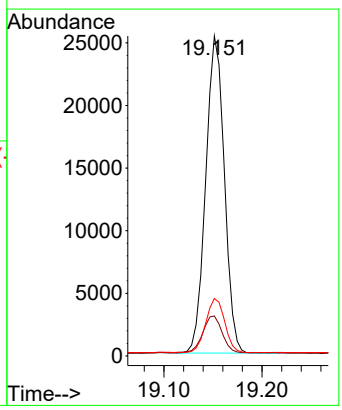


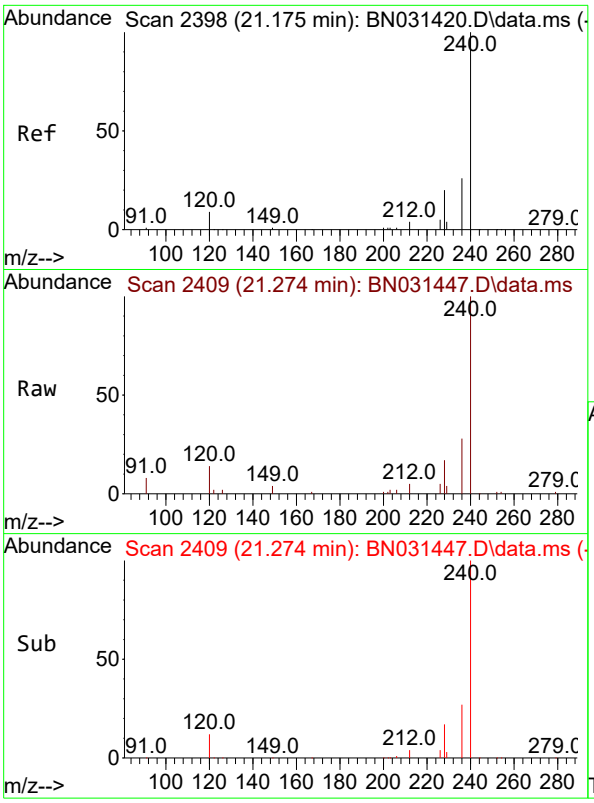


#28
Fluoranthene
Concen: 0.197 ng
RT: 19.151 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:202 Resp: 33420

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
203	17.4	13.8	20.8



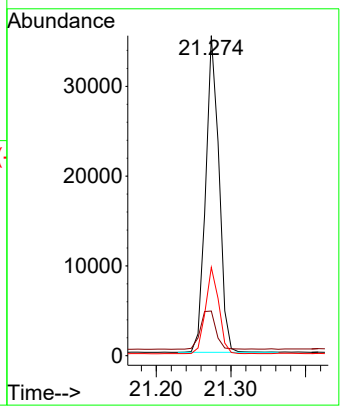


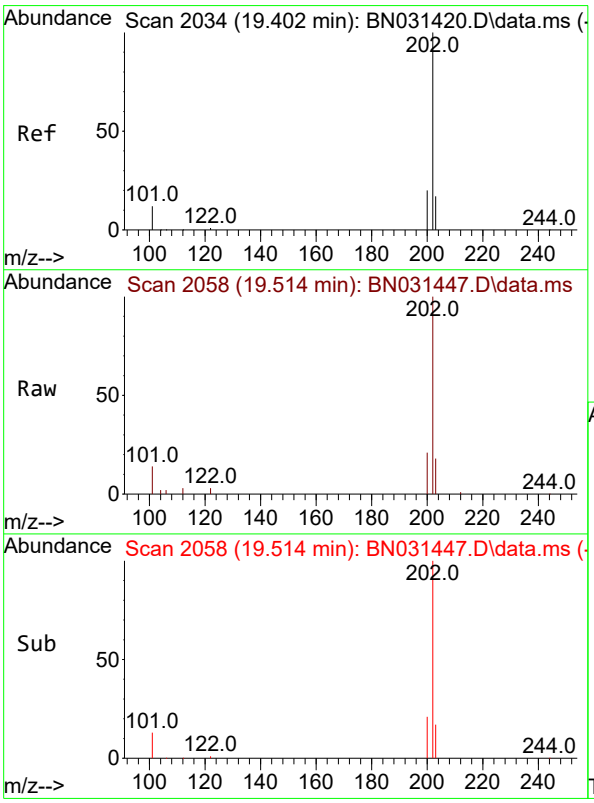
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 43796

Ion	Ratio	Lower	Upper
240	100		
120	13.9	11.4	17.2
236	27.6	22.2	33.4

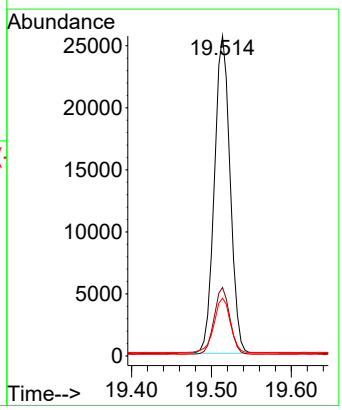


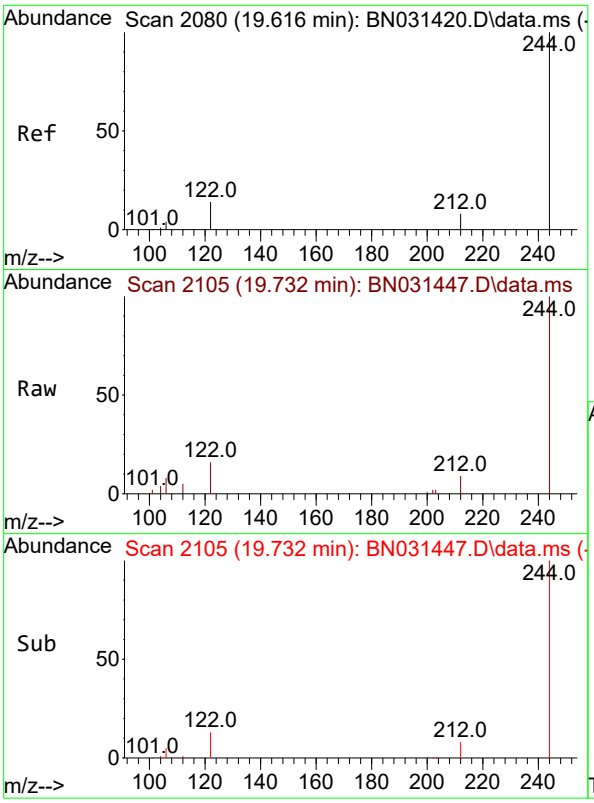


#30
Pyrene
Concen: 0.198 ng
RT: 19.514 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:202 Resp: 34916

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.9	14.3	21.5



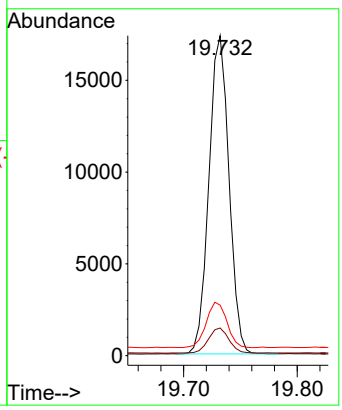


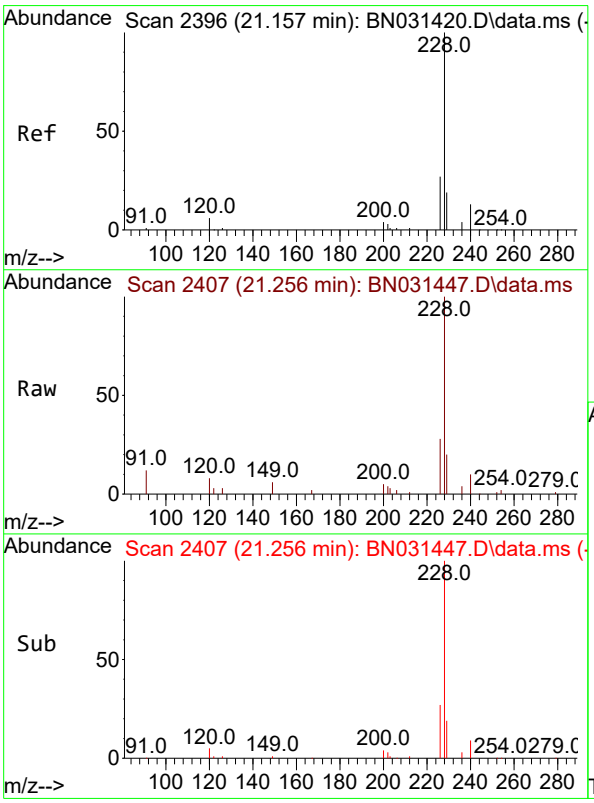
#31
Terphenyl-d14
Concen: 0.192 ng
RT: 19.732 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 21294

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.5	9.7
122	15.8	11.4	17.2

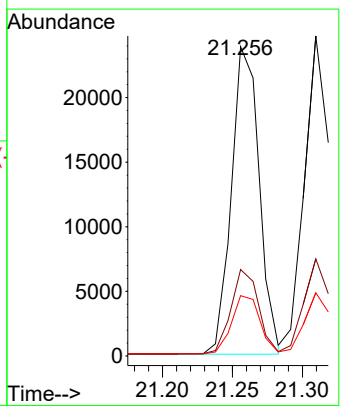


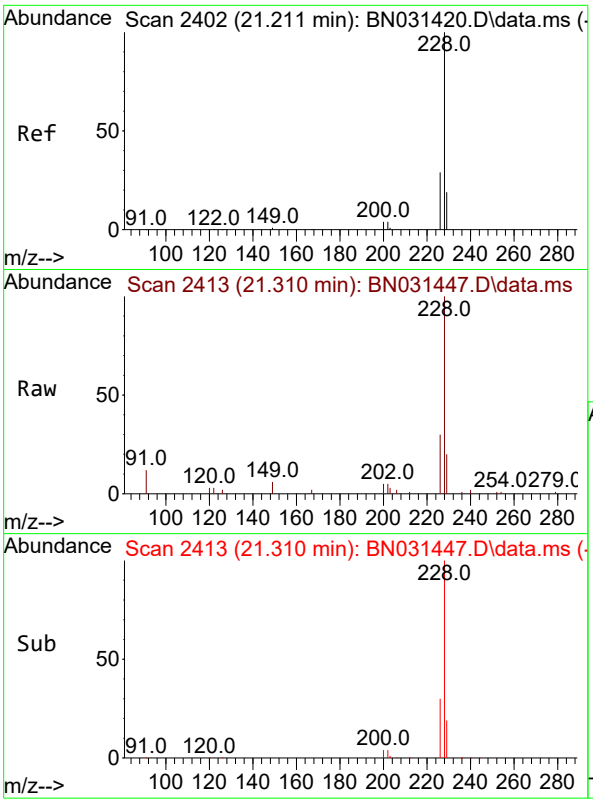


#32
Benzo(a)anthracene
Concen: 0.217 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:228 Resp: 32831

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	19.5	15.5	23.3



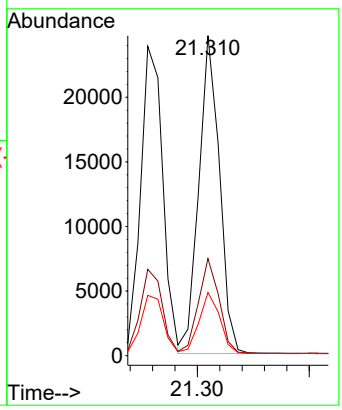


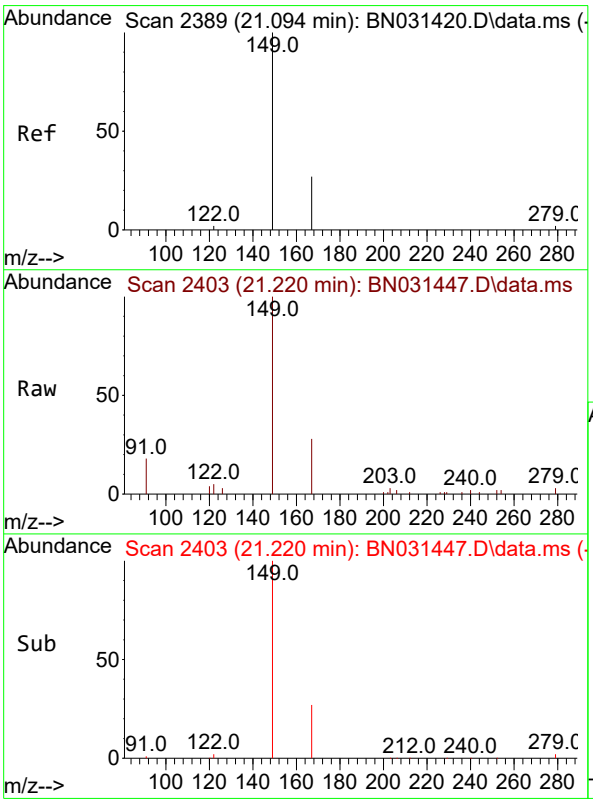
#33
Chrysene
Concen: 0.200 ng
RT: 21.310 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 31465

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	19.8	15.8	23.8

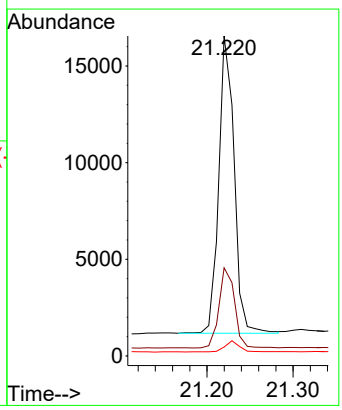


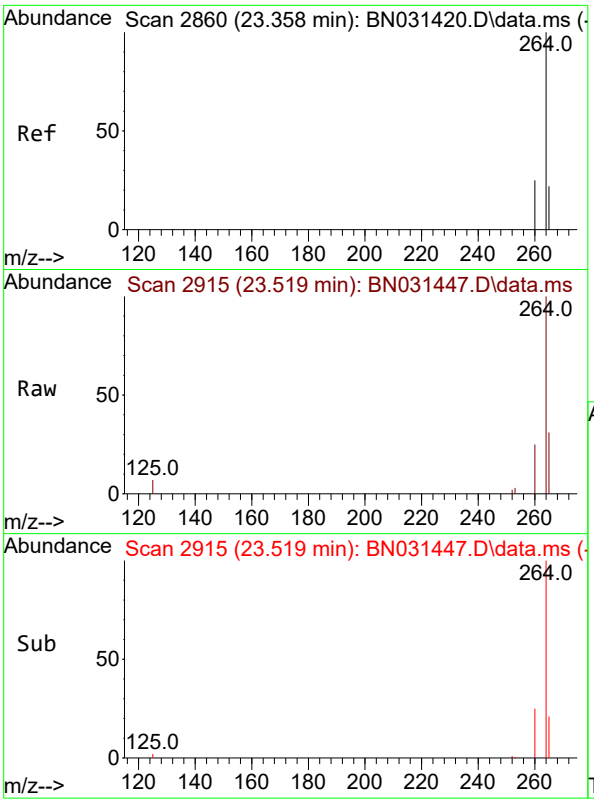


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.238 ng
RT: 21.220 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:149 Resp: 19015

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	3.5	2.7	4.1



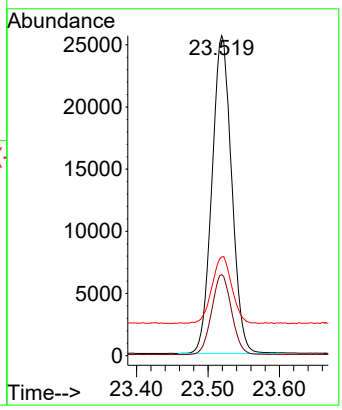


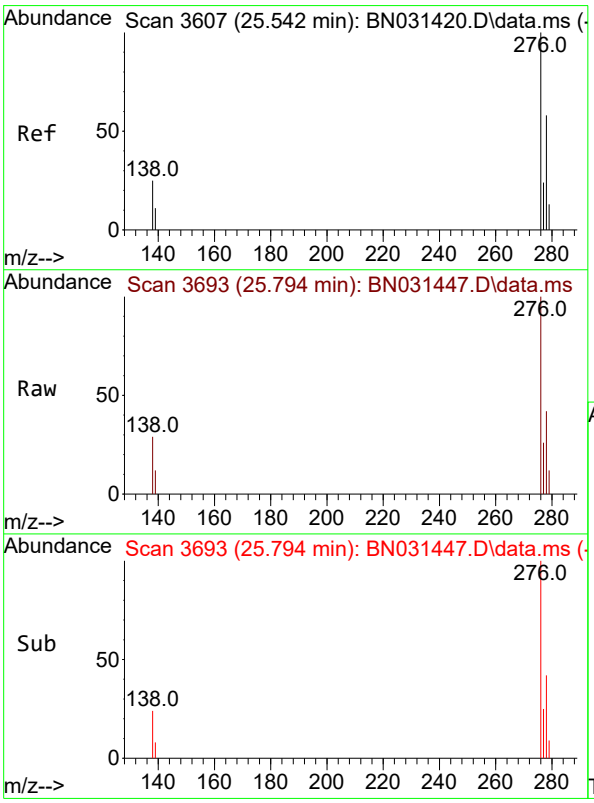
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 48833

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	31.0
265	30.8	24.0	36.0

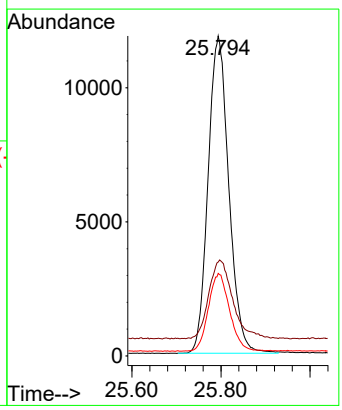


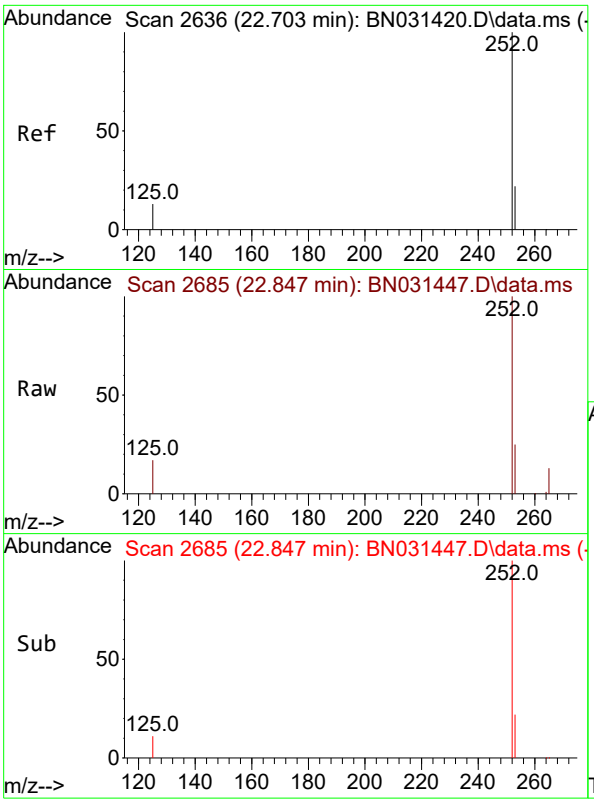


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.194 ng
RT: 25.794 min Scan# 3693
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:276 Resp: 38261

Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.0	34.6
277	24.9	19.9	29.9



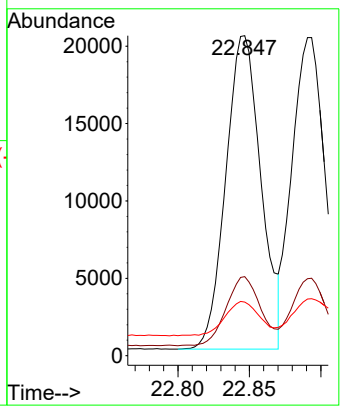


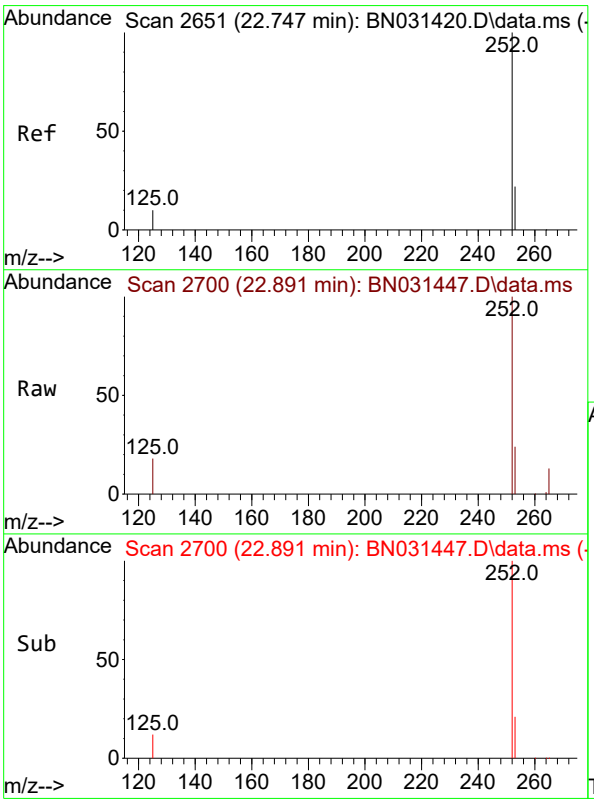
#37
Benzo(b)fluoranthene
Concen: 0.181 ng
RT: 22.847 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 34732

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	16.7	10.5	15.7#

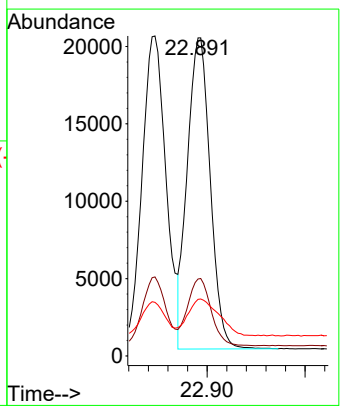


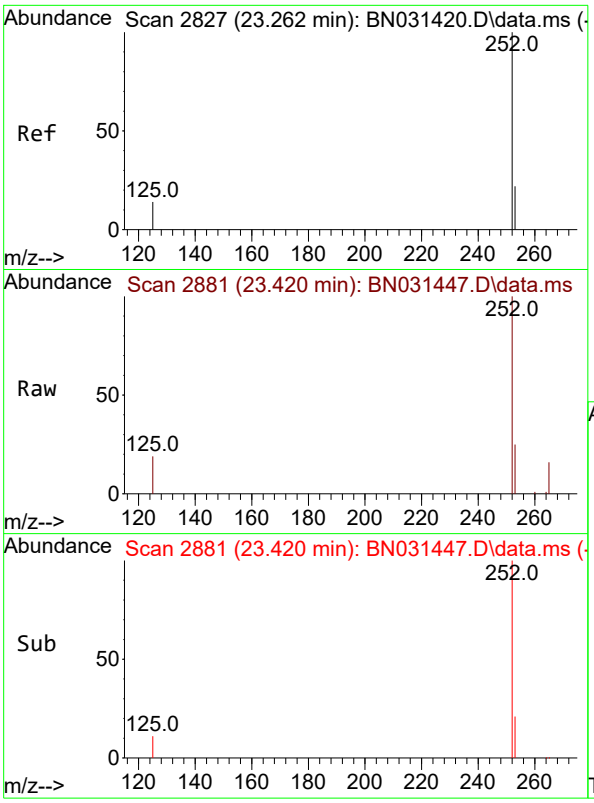


#38
Benzo(k)fluoranthene
Concen: 0.174 ng
RT: 22.891 min Scan# 2700
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:252 Resp: 32668

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	17.8	11.0	16.6#



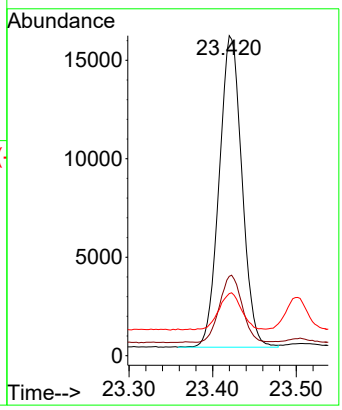


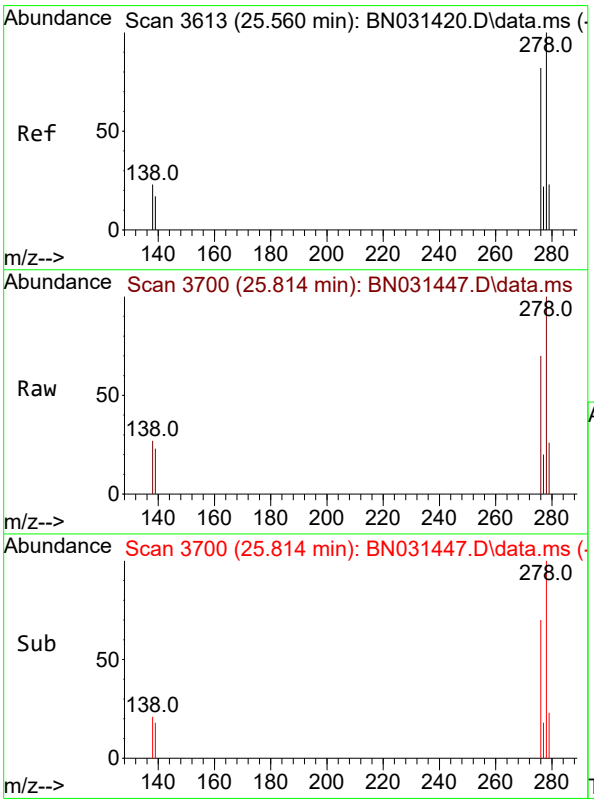
#39
Benzo(a)pyrene
Concen: 0.186 ng
RT: 23.420 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 29878

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	19.4	11.9	17.9#

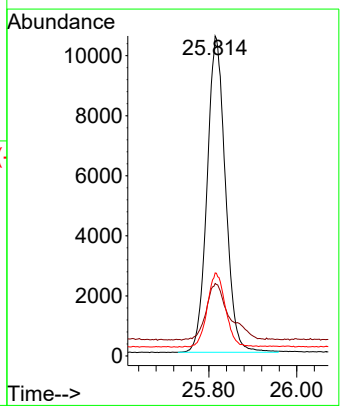


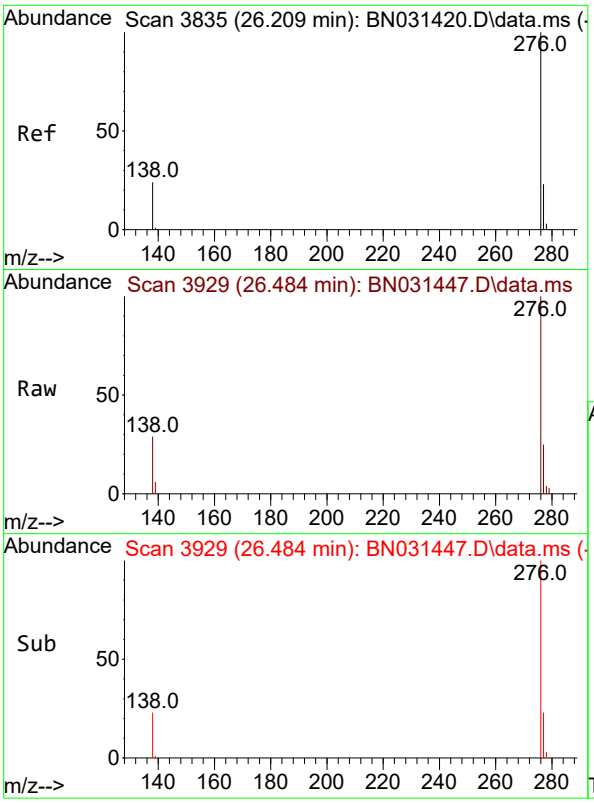


#40
Dibenzo(a,h)anthracene
Concen: 0.197 ng
RT: 25.814 min Scan# 3700
Delta R.T. -0.006 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Tgt Ion:278 Resp: 30559

Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	25.9	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.207 ng
RT: 26.484 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN031447.D
Acq: 09 May 2024 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 32699

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	28.9	20.4	30.6