Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031422.D
Acq On : 07 May 2024 15:14
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 07 17:11:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:04:57 2024
Response via : Initial Calibration

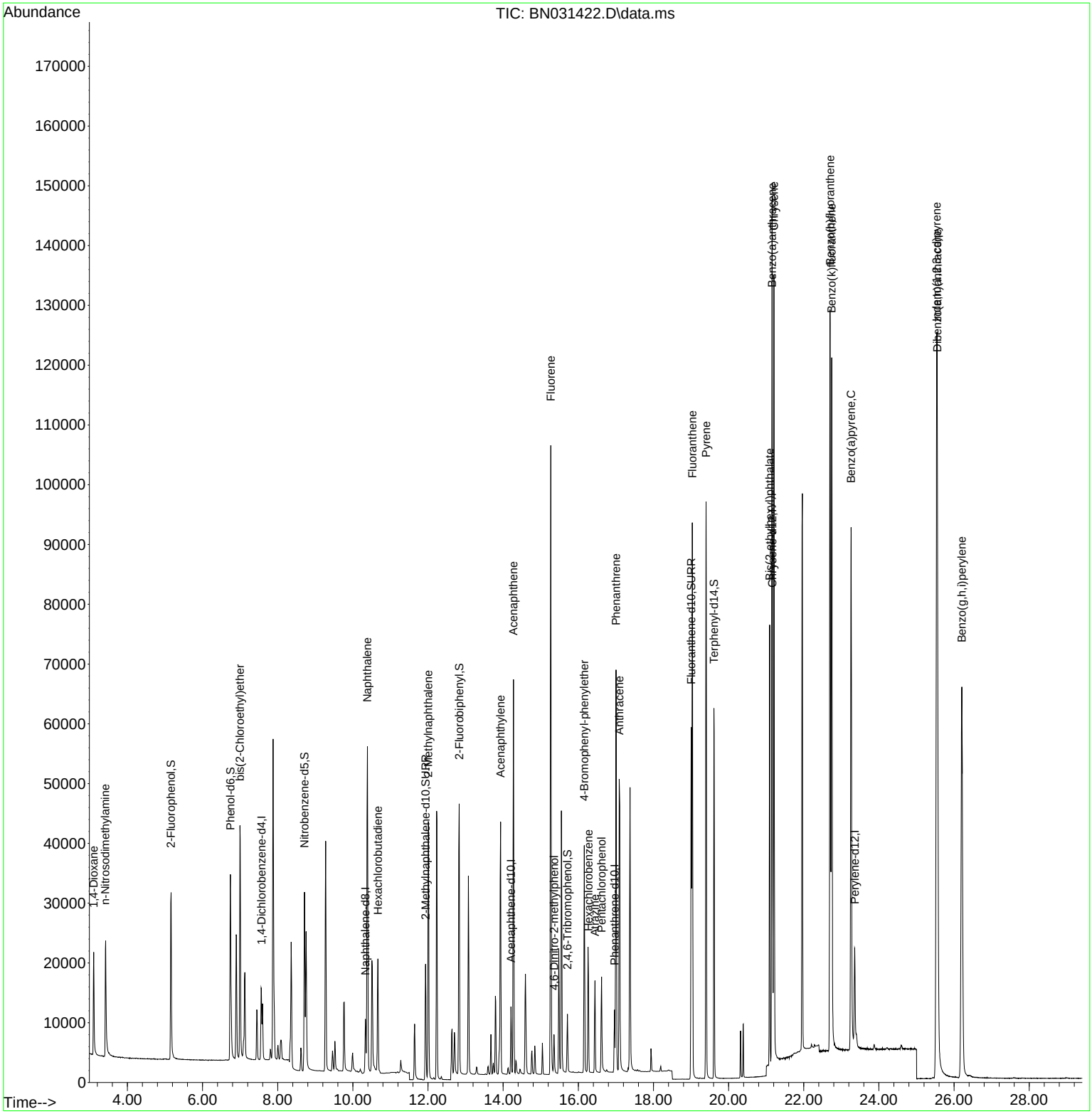
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.566	152	6253	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	12494	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	6062	0.400	ng		0.00
19) Phenanthrene-d10	16.966	188	13799	0.400	ng		0.00
29) Chrysene-d12	21.166	240	19141	0.400	ng	#	0.00
35) Perylene-d12	23.358	264	21748	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	24800	1.693	ng		0.00
5) Phenol-d6	6.743	99	30437	1.750	ng		0.00
8) Nitrobenzene-d5	8.713	82	24018	2.190	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	26752	1.365	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	4978	1.630	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	39889	1.779	ng		0.00
27) Fluoranthene-d10	19.007	212	66194	1.773	ng		0.00
31) Terphenyl-d14	19.611	244	57949	1.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	11619	1.557	ng		99
3) n-Nitrosodimethylamine	3.414	42	12702	1.705	ng		97
6) bis(2-Chloroethyl)ether	6.996	93	28549	1.755	ng		98
9) Naphthalene	10.389	128	68818	1.971	ng		98
10) Hexachlorobutadiene	10.667	225	15093	2.071	ng	#	100
12) 2-Methylnaphthalene	12.009	142	30349	1.343	ng		98
16) Acenaphthylene	13.932	152	46300	1.741	ng		99
17) Acenaphthene	14.274	154	30110	1.652	ng		99
18) Fluorene	15.268	166	40536	1.719	ng		99
20) 4,6-Dinitro-2-methylph...	15.354	198	4721	1.902	ng		87
21) 4-Bromophenyl-phenylether	16.160	248	13363	1.678	ng		96
22) Hexachlorobenzene	16.271	284	15238	1.671	ng		95
23) Atrazine	16.445	200	11786	1.886	ng		96
24) Pentachlorophenol	16.619	266	7728	1.610	ng		98
25) Phenanthrene	17.004	178	64490	1.629	ng		100
26) Anthracene	17.091	178	58662	1.762	ng		99
28) Fluoranthene	19.035	202	81752	1.690	ng		98
30) Pyrene	19.402	202	84228	1.243	ng		99
32) Benzo(a)anthracene	21.157	228	111890	1.693	ng		99
33) Chrysene	21.211	228	118143	1.716	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	62476	1.789	ng		95
36) Indeno(1,2,3-cd)pyrene	25.539	276	149544	1.702	ng		99
37) Benzo(b)fluoranthene	22.700	252	147978	1.735	ng	#	94
38) Benzo(k)fluoranthene	22.744	252	143914	1.720	ng		95
39) Benzo(a)pyrene	23.259	252	123118	1.720	ng	#	91
40) Dibenzo(a,h)anthracene	25.554	278	119500	1.726	ng		97
41) Benzo(g,h,i)perylene	26.206	276	128515	1.829	ng		99

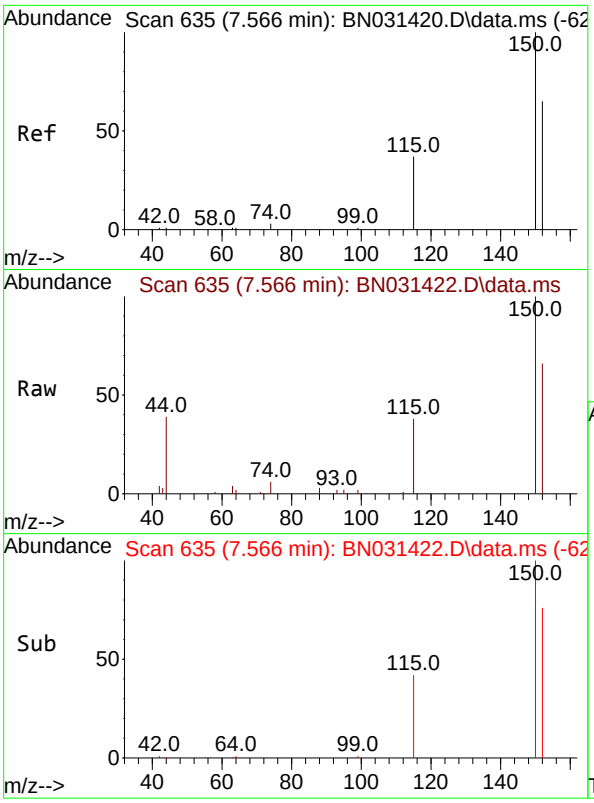
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031422.D
Acq On : 07 May 2024 15:14
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 07 17:11:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:04:57 2024
Response via : Initial Calibration



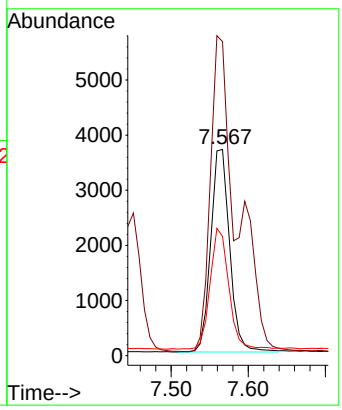


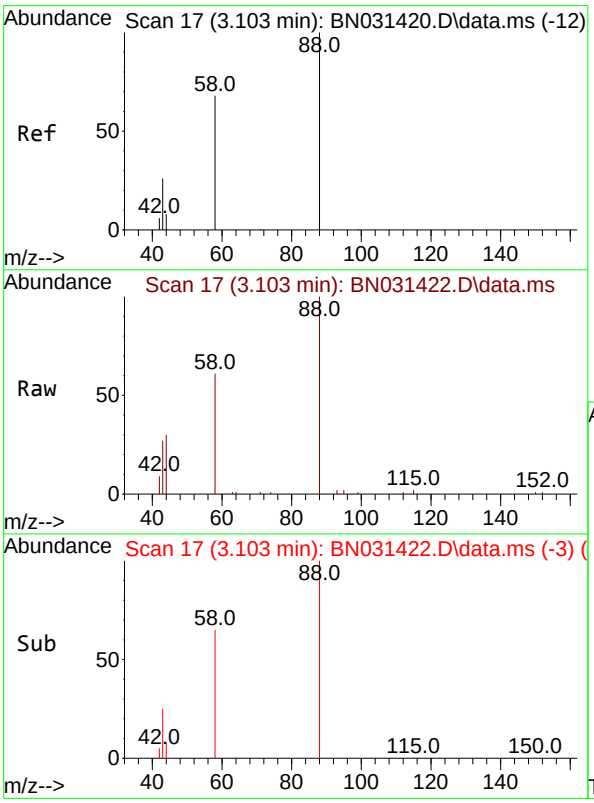
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.566 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 6253

Ion	Ratio	Lower	Upper
152	100		
150	152.2	122.2	183.2
115	57.9	47.8	71.6

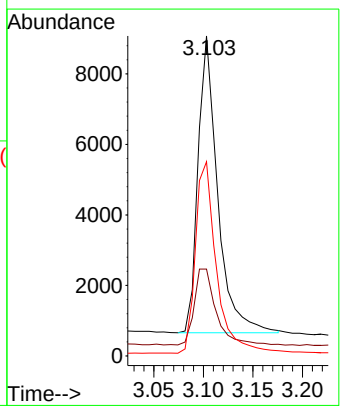


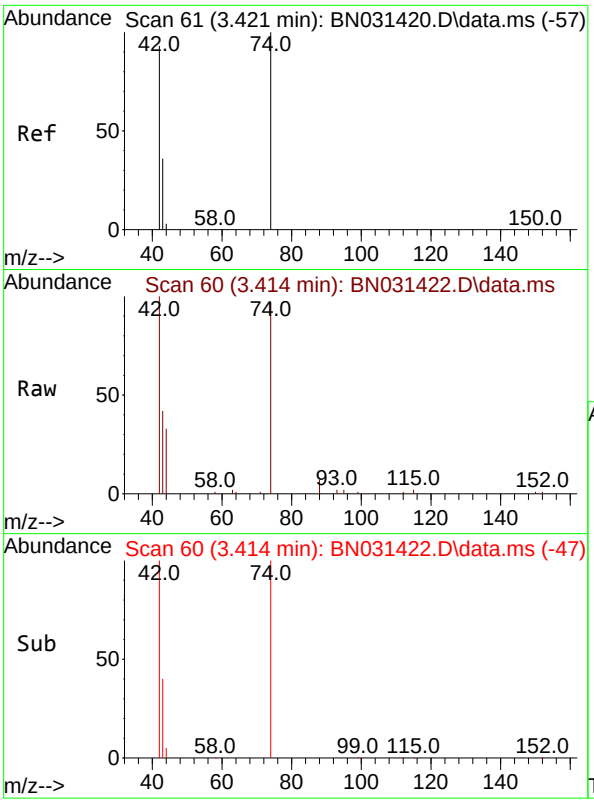


#2
1,4-Dioxane
Concen: 1.557 ng
RT: 3.103 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion: 88 Resp: 11619

Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.8	35.8
58	68.9	54.6	81.8



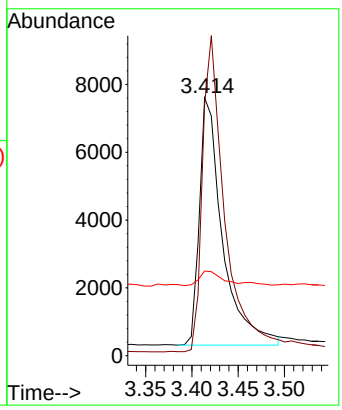


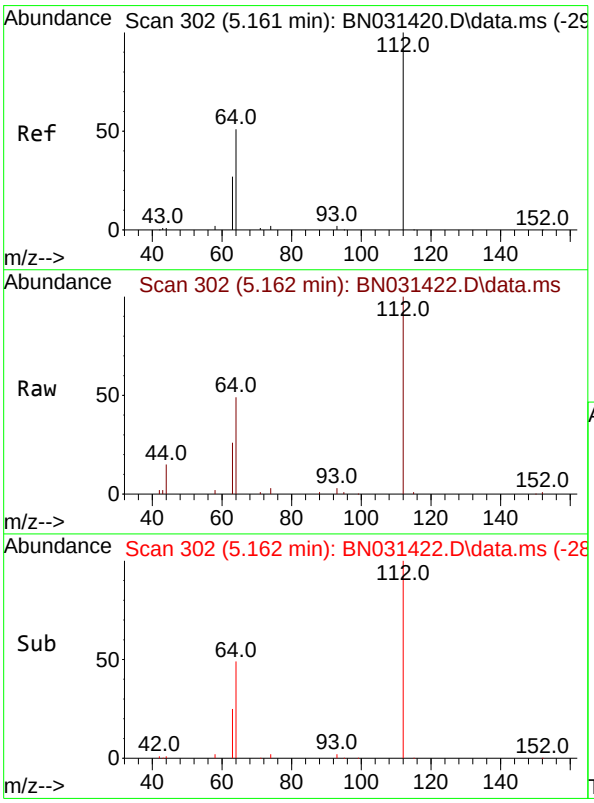
#3
n-Nitrosodimethylamine
Concen: 1.705 ng
RT: 3.414 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 12702

Ion	Ratio	Lower	Upper
42	100		
74	124.0	101.7	152.5
44	6.8	5.3	7.9

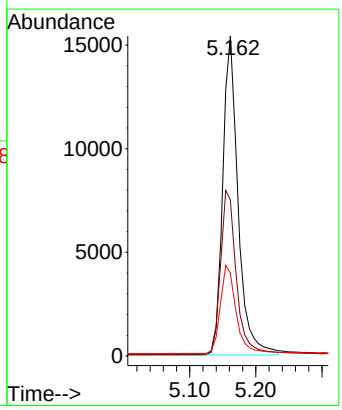


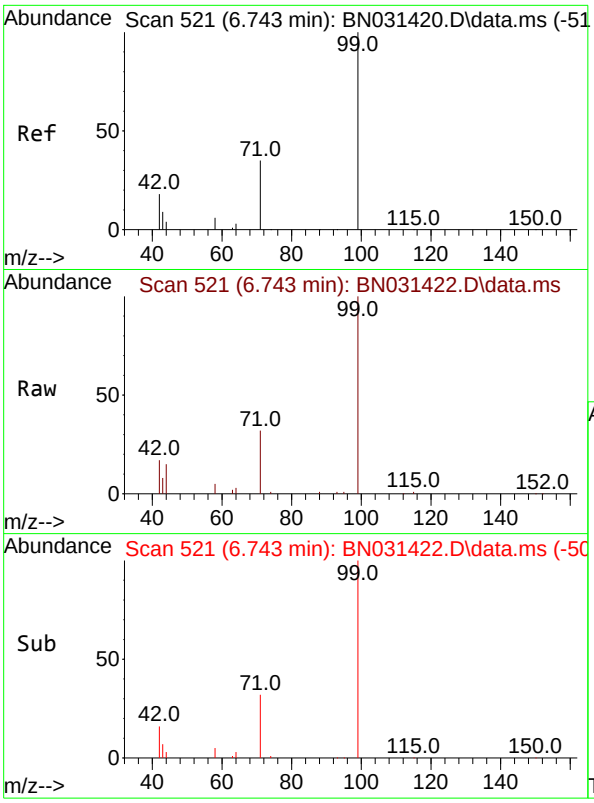


#4
2-Fluorophenol
Concen: 1.693 ng
RT: 5.162 min Scan# 302
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:112 Resp: 24800

Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.4	63.6
63	28.5	22.6	34.0



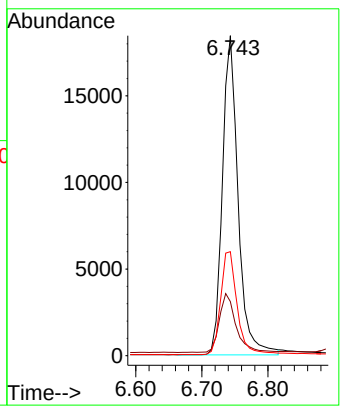


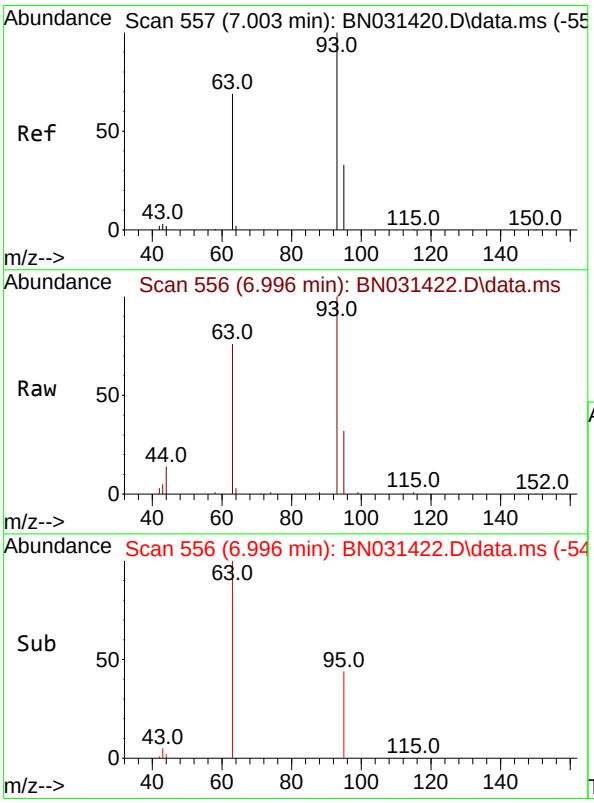
#5
Phenol-d6
Concen: 1.750 ng
RT: 6.743 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 30437

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.8
71	33.9	27.8	41.6

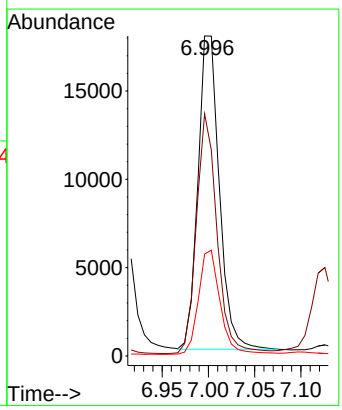


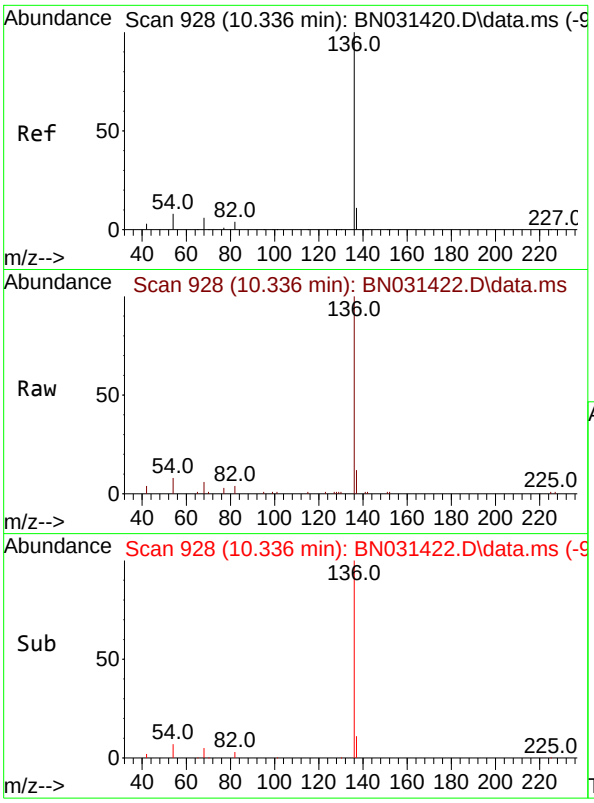


#6
bis(2-Chloroethyl)ether
Concen: 1.755 ng
RT: 6.996 min Scan# 556
Delta R.T. -0.007 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion: 93 Resp: 28549

Ion	Ratio	Lower	Upper
93	100		
63	74.0	60.7	91.1
95	33.7	28.0	42.0



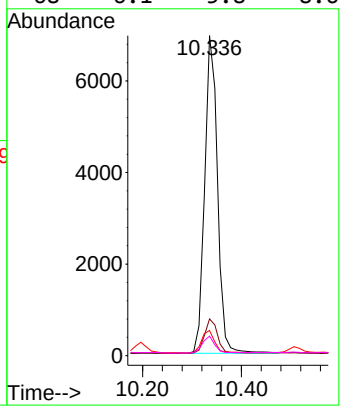


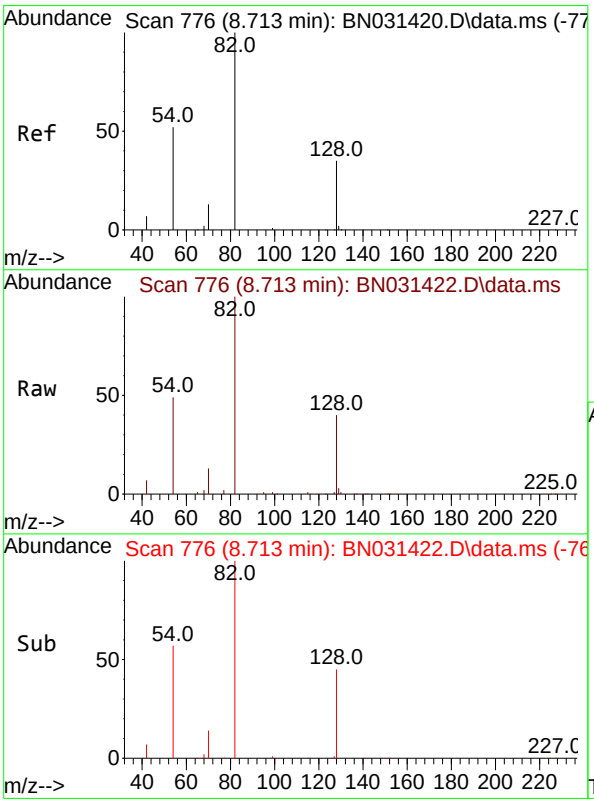
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 12494

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	7.8	7.2	10.8
68	6.1	5.8	8.6

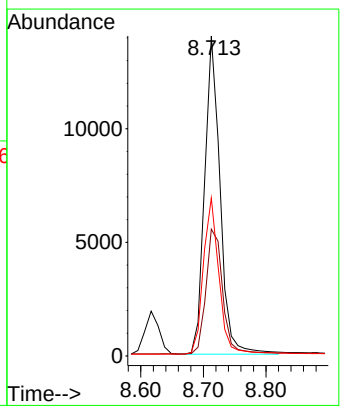


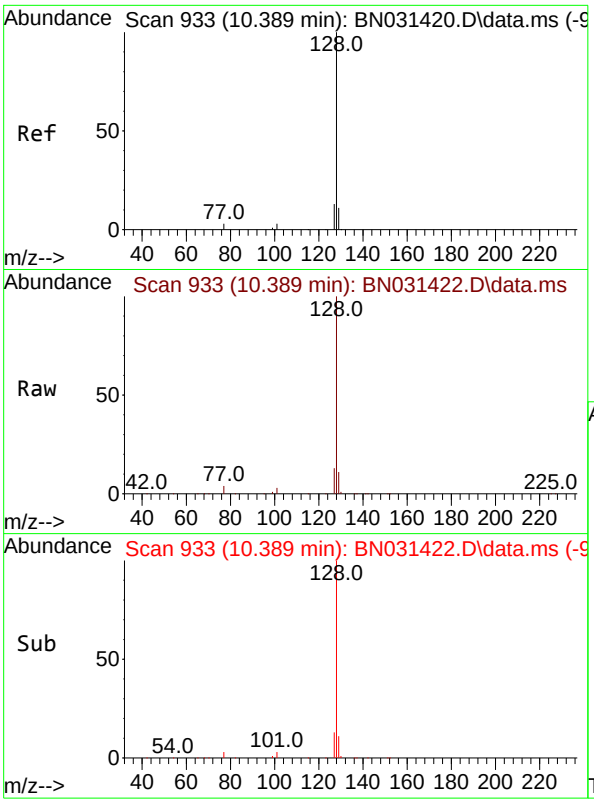


#8
Nitrobenzene-d5
Concen: 2.190 ng
RT: 8.713 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion: 82 Resp: 24018

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.0	45.0
54	49.3	43.4	65.0



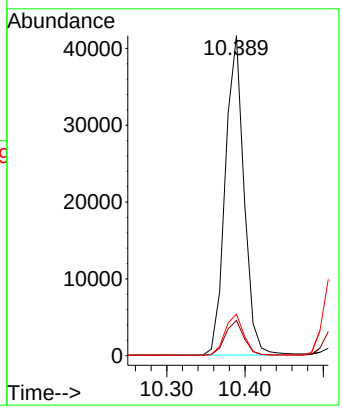


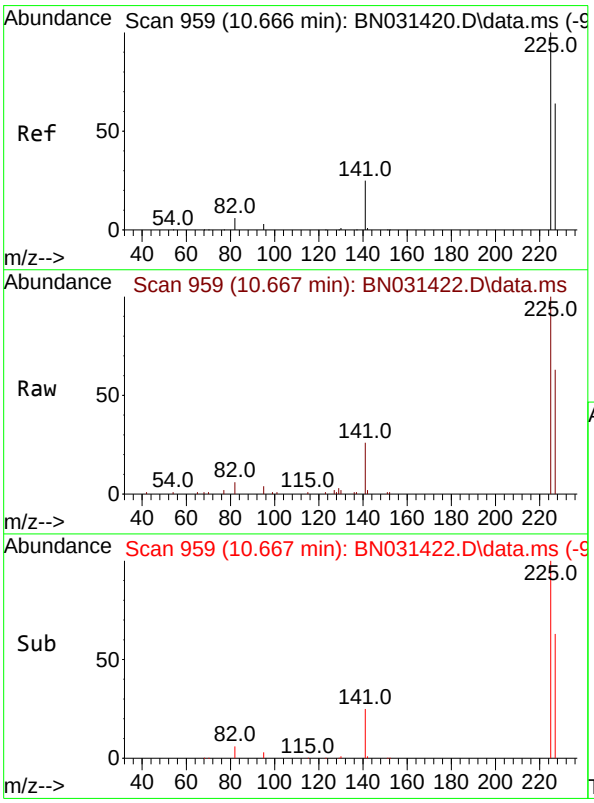
#9
Naphthalene
Concen: 1.971 ng
RT: 10.389 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 68818

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.0	11.1	16.7

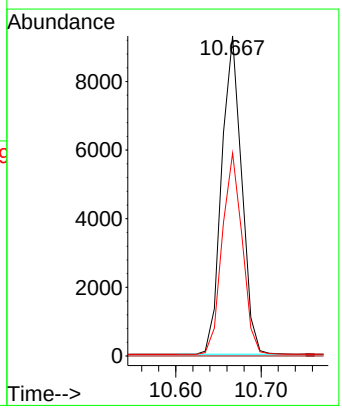


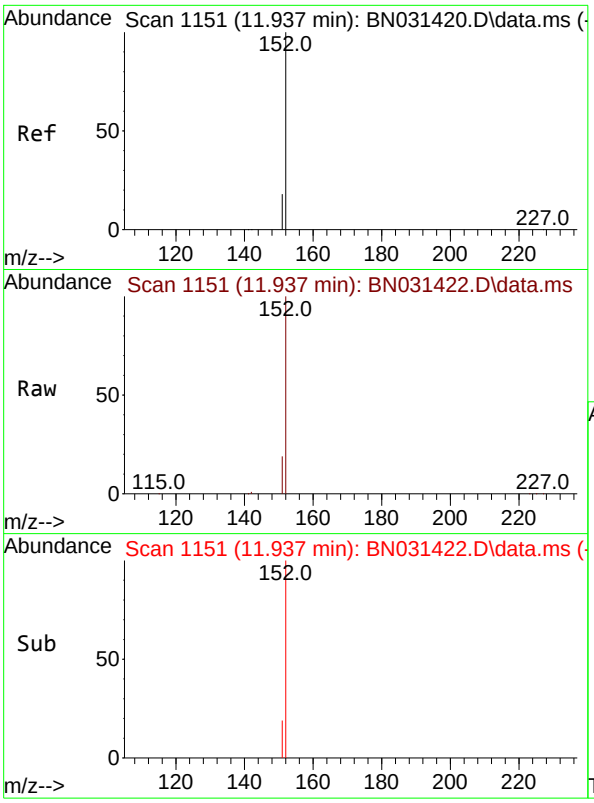


#10
Hexachlorobutadiene
Concen: 2.071 ng
RT: 10.667 min Scan# 959
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:225 Resp: 15093

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.8	76.2



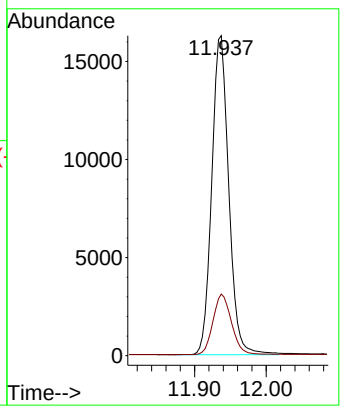


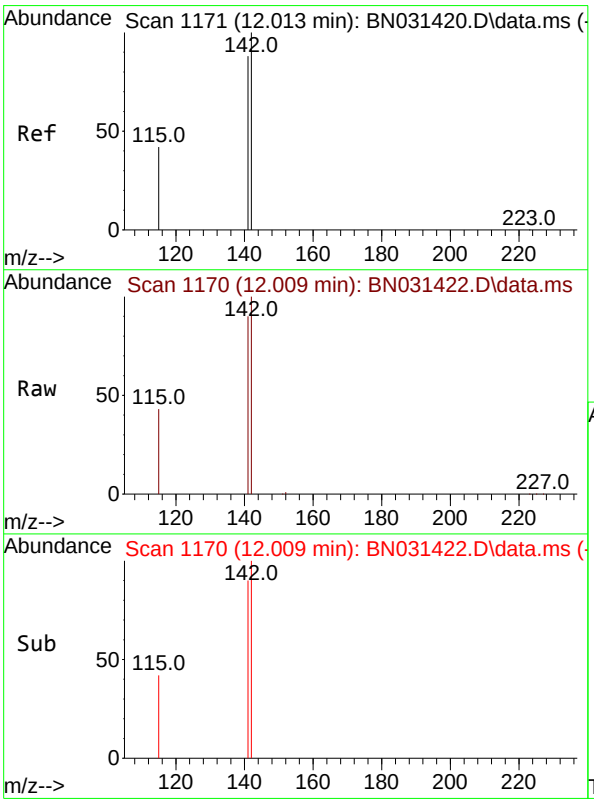
#11
2-Methylnaphthalene-d10
Concen: 1.365 ng
RT: 11.937 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 26752

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

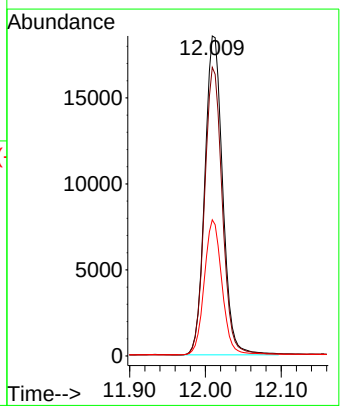


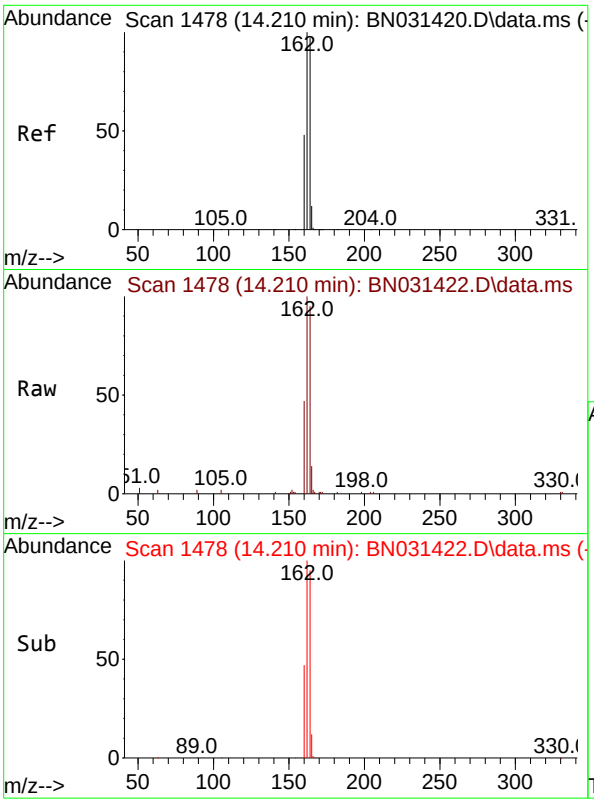


#12
2-Methylnaphthalene
Concen: 1.343 ng
RT: 12.009 min Scan# 1170
Delta R.T. -0.004 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:142 Resp: 30349

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.2	105.2
115	42.6	34.2	51.4



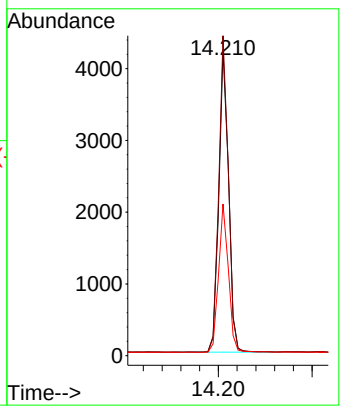


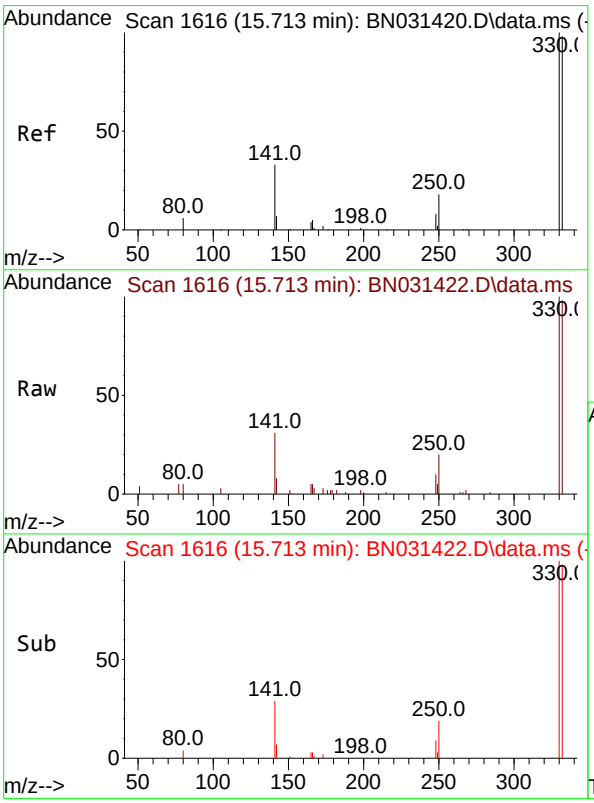
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 6062

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.3	123.5
160	49.6	40.2	60.2

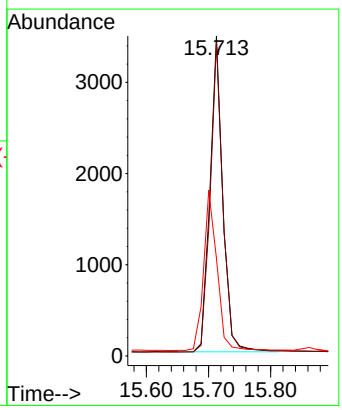


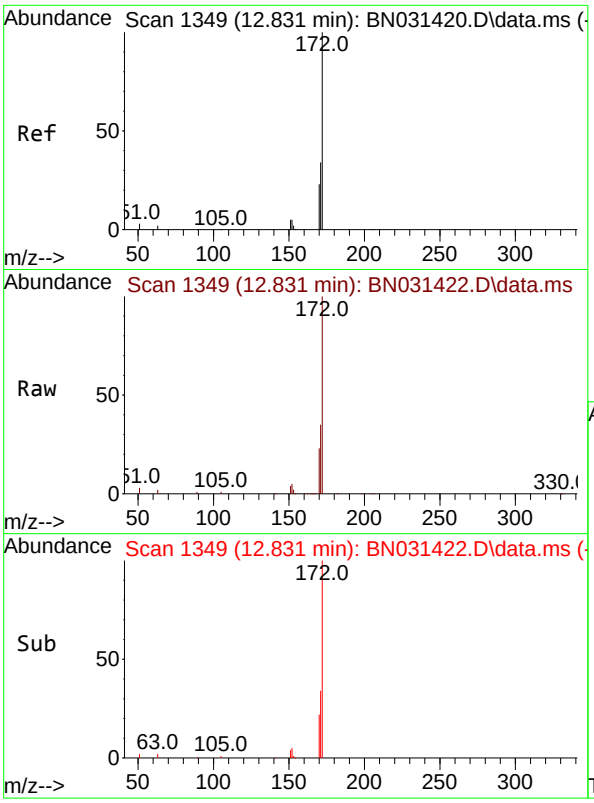


#14
2,4,6-Tribromophenol
Concen: 1.630 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:330 Resp: 4978

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	52.7	39.3	58.9



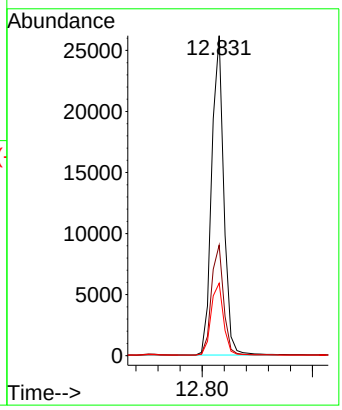


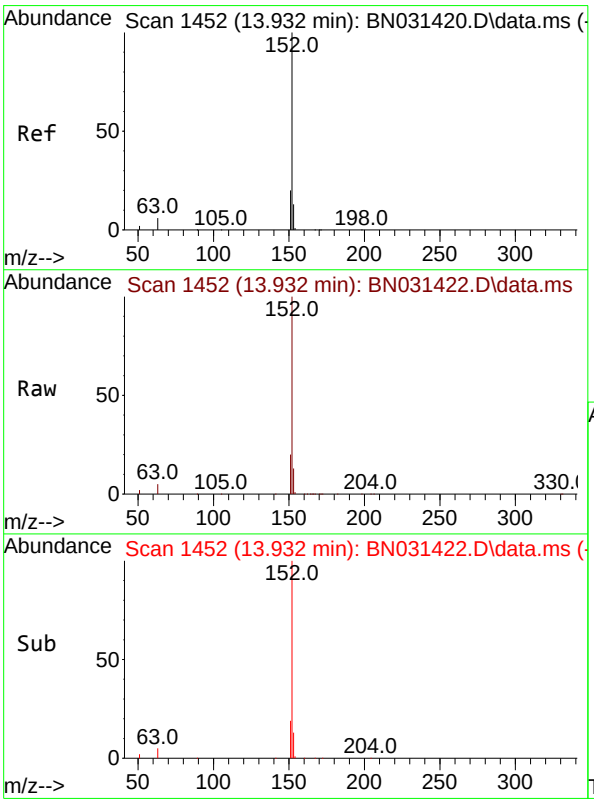
#15
2-Fluorobiphenyl
Concen: 1.779 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 39889

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	22.6	18.9	28.3

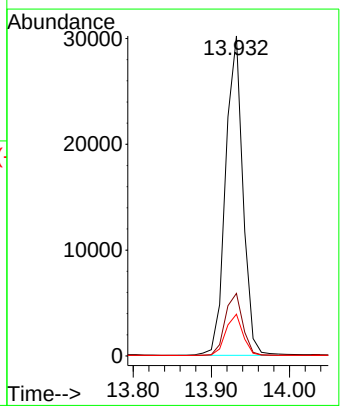


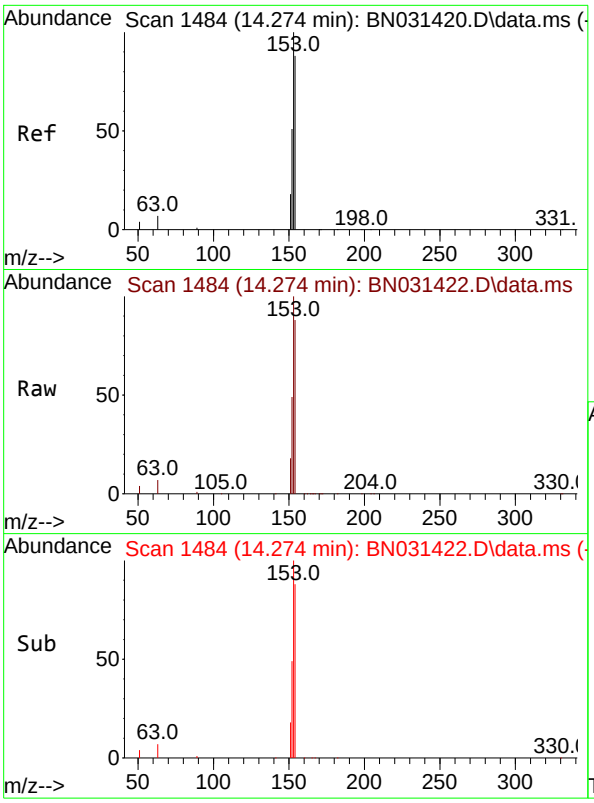


#16
Acenaphthylene
Concen: 1.741 ng
RT: 13.932 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:152 Resp: 46300

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	12.9	10.5	15.7



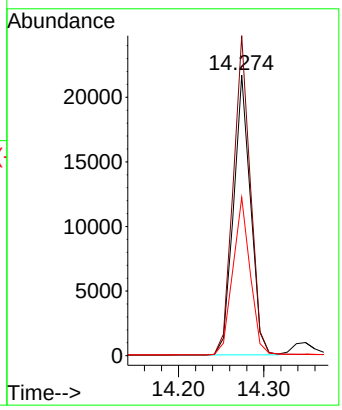


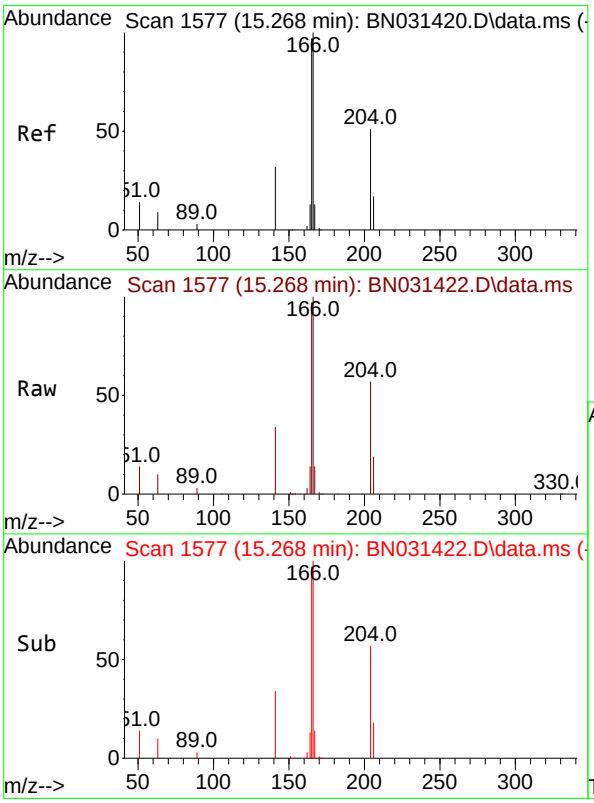
#17
Acenaphthene
Concen: 1.652 ng
RT: 14.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 30110

Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.4	135.6
152	56.8	46.4	69.6

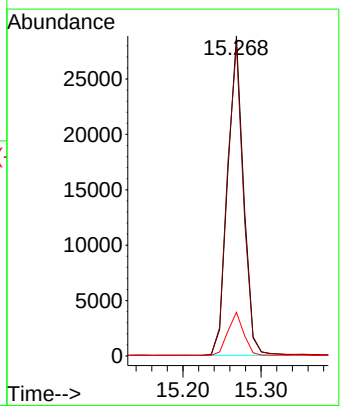


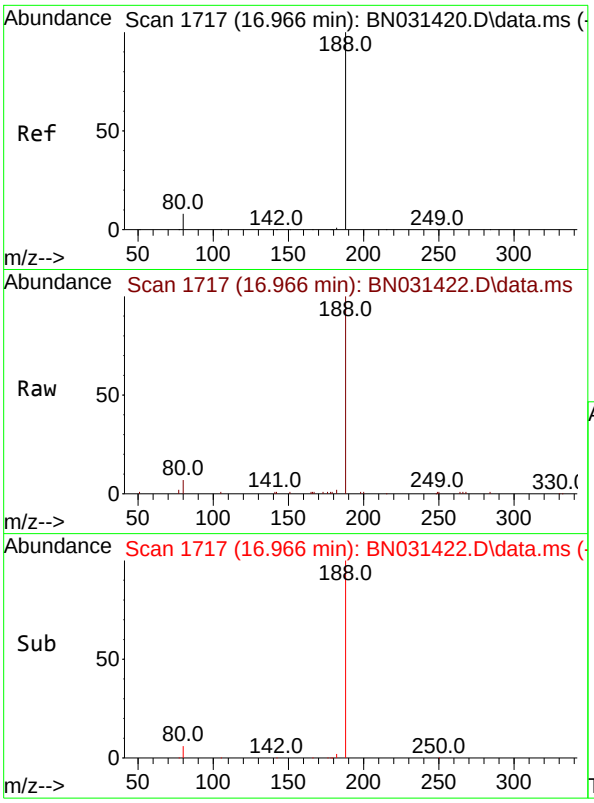


#18
Fluorene
Concen: 1.719 ng
RT: 15.268 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:166 Resp: 40536

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	13.5	10.8	16.2



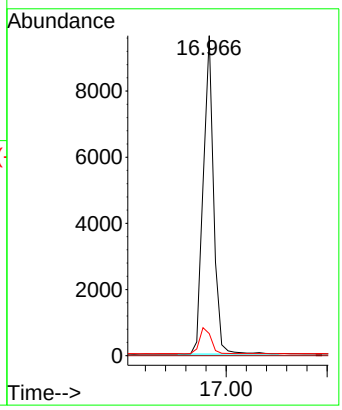


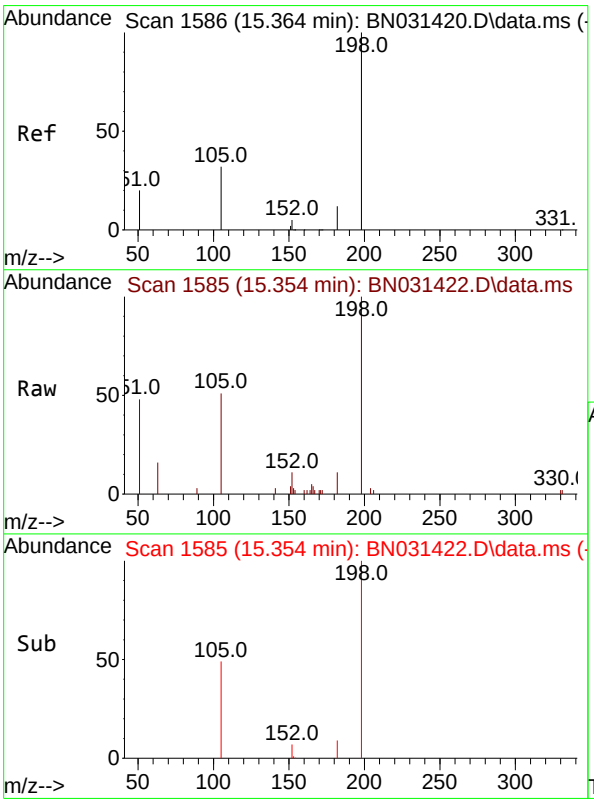
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 13799

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.8	10.2

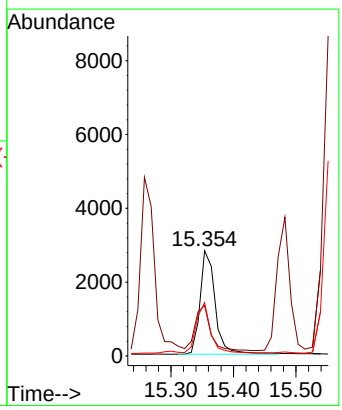


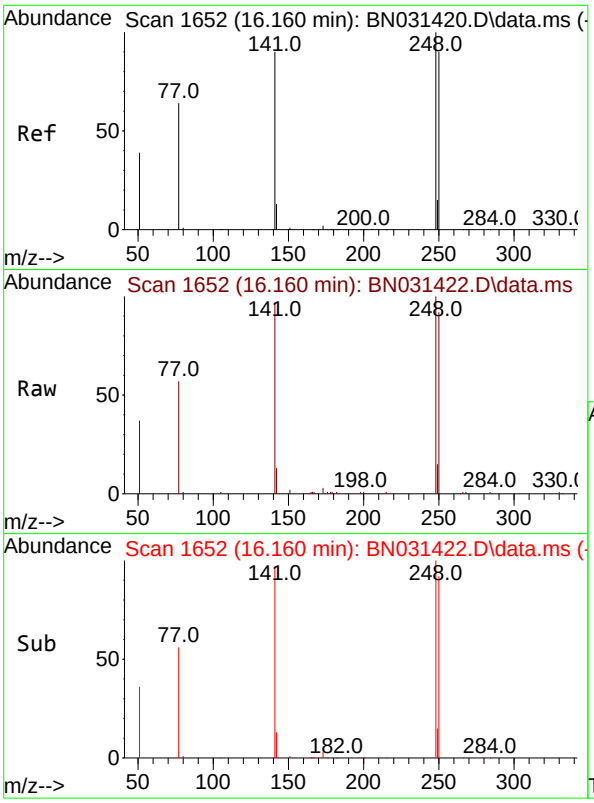


#20
4,6-Dinitro-2-methylphenol
Concen: 1.902 ng
RT: 15.354 min Scan# 1585
Delta R.T. -0.010 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:198 Resp: 4721

Ion	Ratio	Lower	Upper
198	100		
51	47.8	47.4	71.2
105	50.5	35.7	53.5



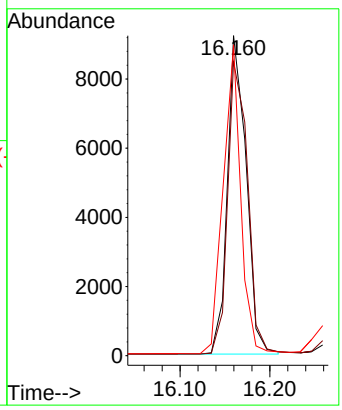


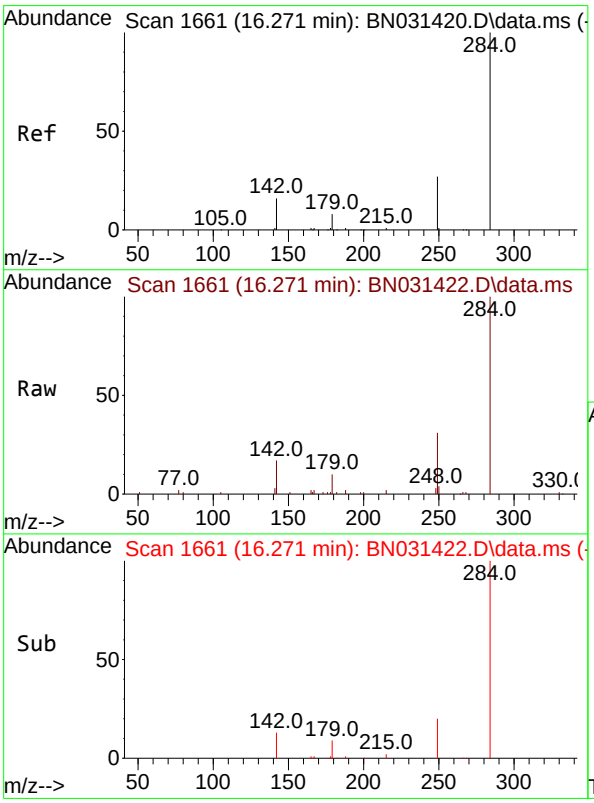
#21
4-Bromophenyl-phenylether
Concen: 1.678 ng
RT: 16.160 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 13363

Ion	Ratio	Lower	Upper
248	100		
250	91.9	72.3	108.5
141	97.2	72.9	109.3

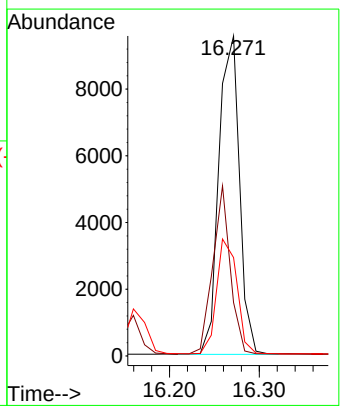


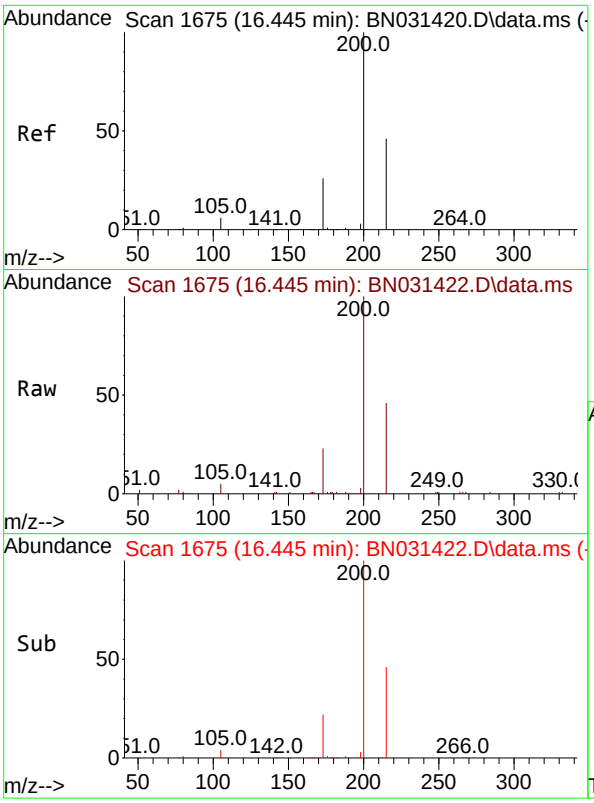


#22
Hexachlorobenzene
Concen: 1.671 ng
RT: 16.271 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:284 Resp: 15238

Ion	Ratio	Lower	Upper
284	100		
142	44.9	33.8	50.8
249	35.6	25.8	38.8



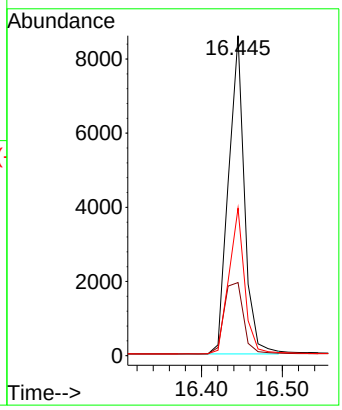


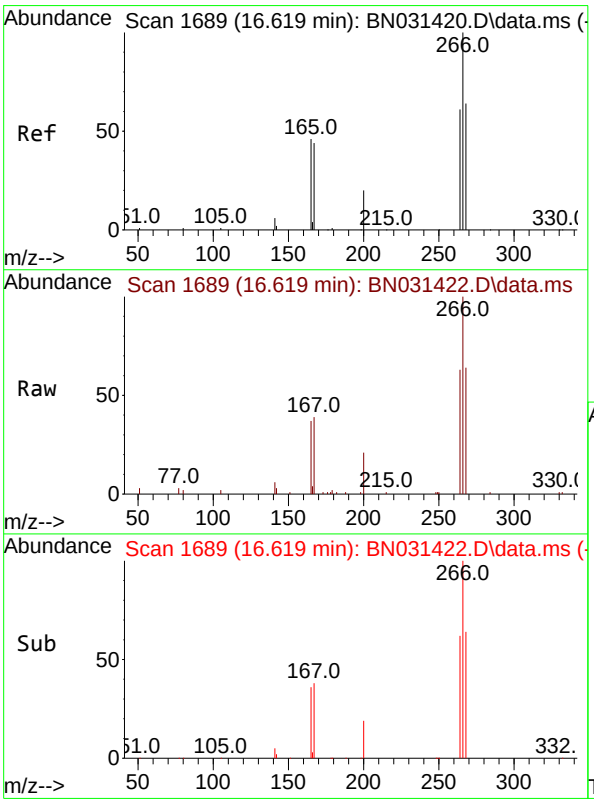
#23
Atrazine
Concen: 1.886 ng
RT: 16.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 11786

Ion	Ratio	Lower	Upper
200	100		
173	22.8	21.8	32.6
215	46.1	37.5	56.3

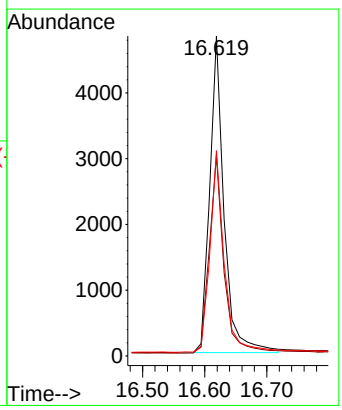


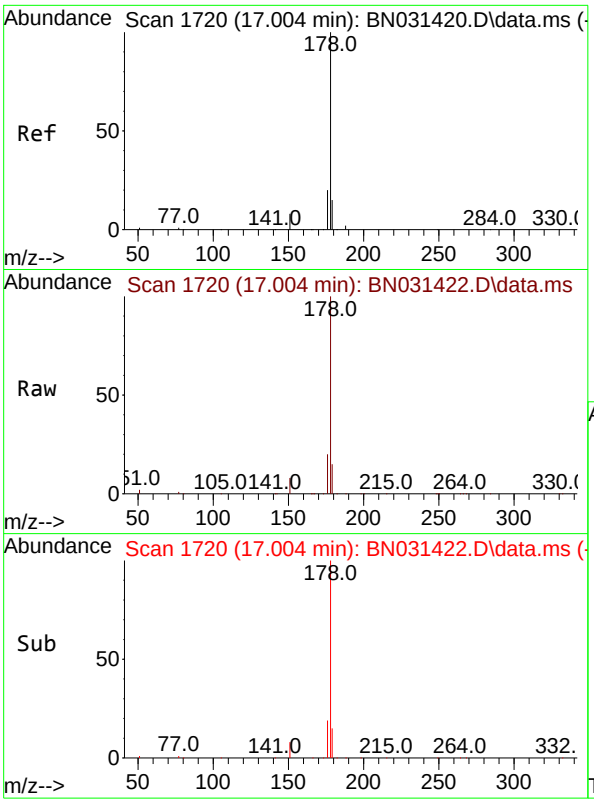


#24
Pentachlorophenol
Concen: 1.610 ng
RT: 16.619 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:266 Resp: 7728

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.0	73.4
268	63.3	51.0	76.4



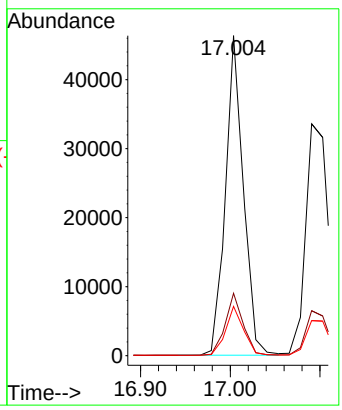


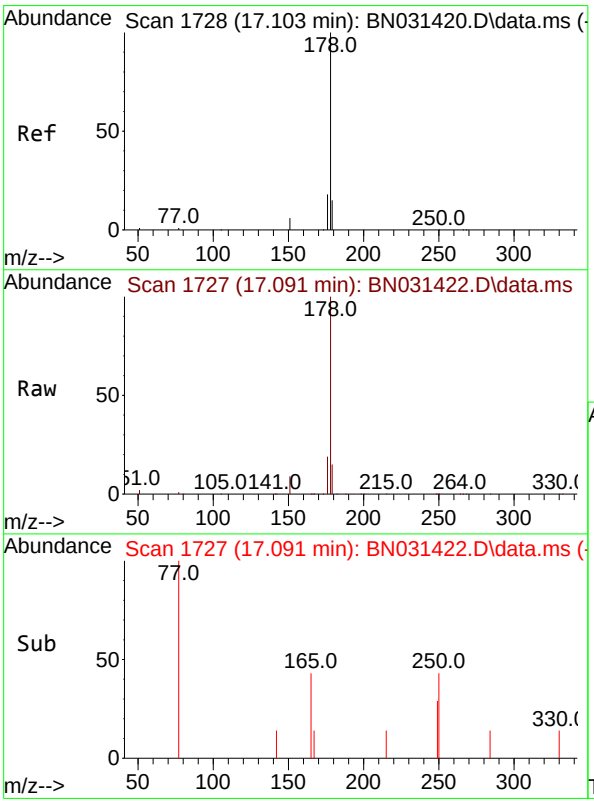
#25
Phenanthrene
Concen: 1.629 ng
RT: 17.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 64490

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.3	18.5

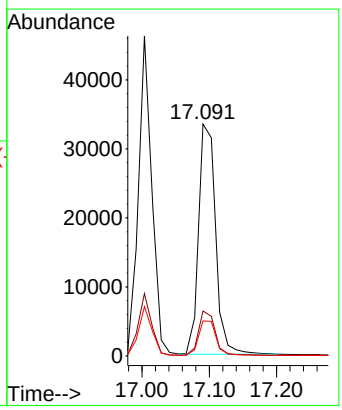


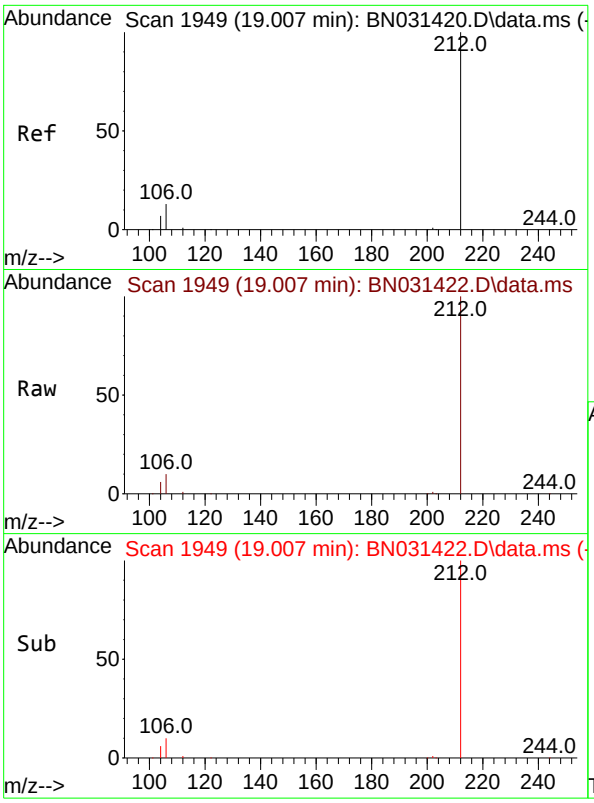


#26
Anthracene
Concen: 1.762 ng
RT: 17.091 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:178 Resp: 58662

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.5	21.7
179	15.3	12.1	18.1



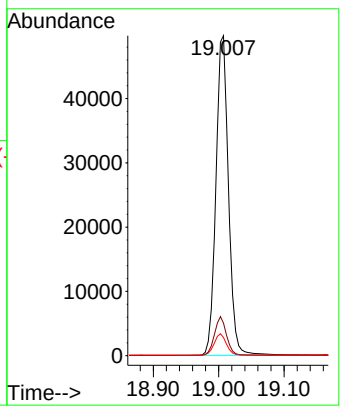


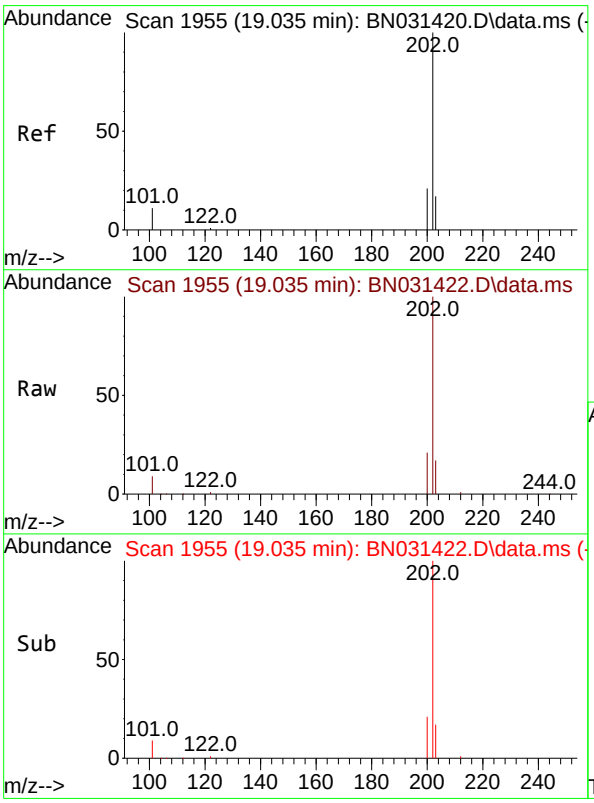
#27
Fluoranthene-d10
Concen: 1.773 ng
RT: 19.007 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 66194

Ion	Ratio	Lower	Upper
212	100		
106	11.6	11.5	17.3
104	6.5	6.4	9.6

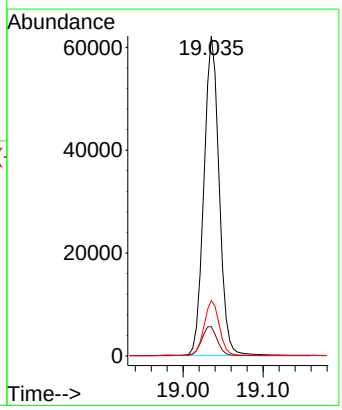


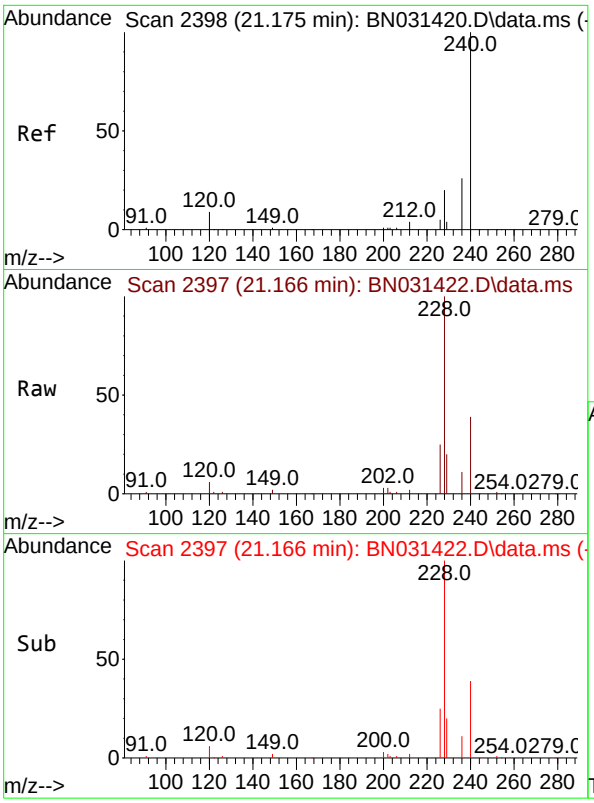


#28
Fluoranthene
Concen: 1.690 ng
RT: 19.035 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:202 Resp: 81752

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.2	13.8
203	17.2	13.7	20.5



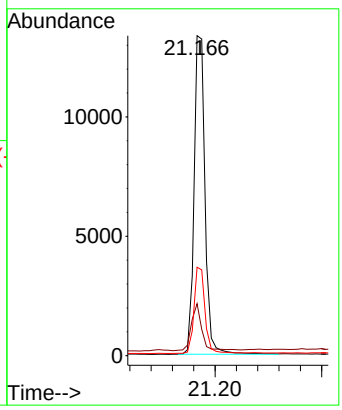


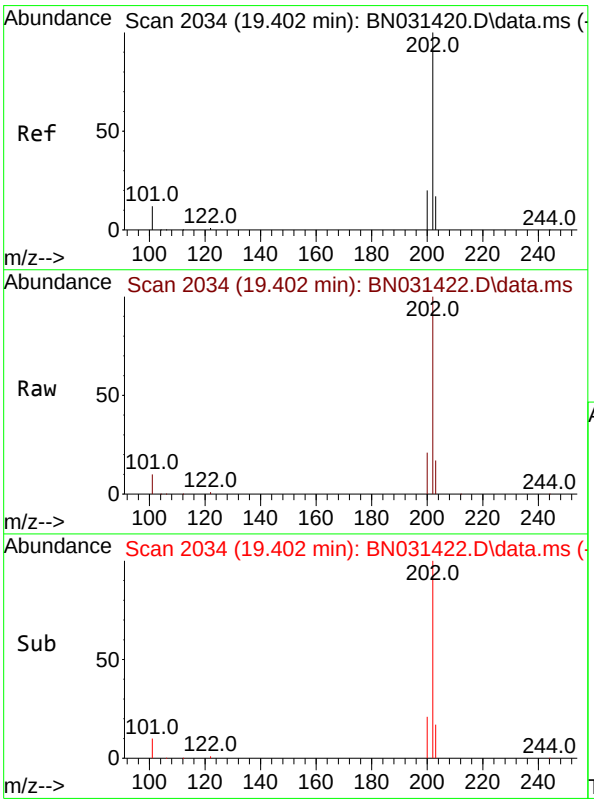
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 19141

Ion	Ratio	Lower	Upper
240	100		
120	16.3	7.9	11.9#
236	27.6	21.4	32.2

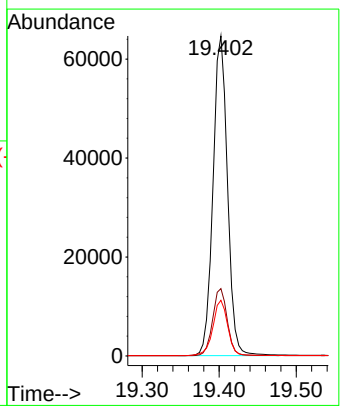


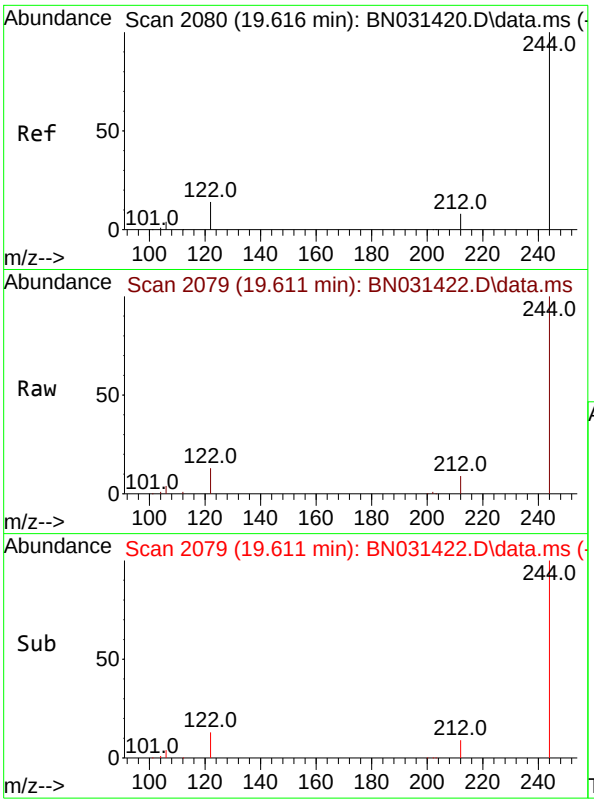


#30
Pyrene
Concen: 1.243 ng
RT: 19.402 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:202 Resp: 84228

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.8	14.3	21.5



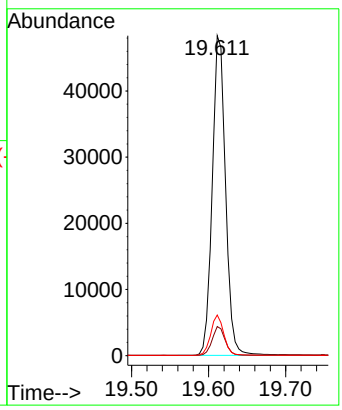


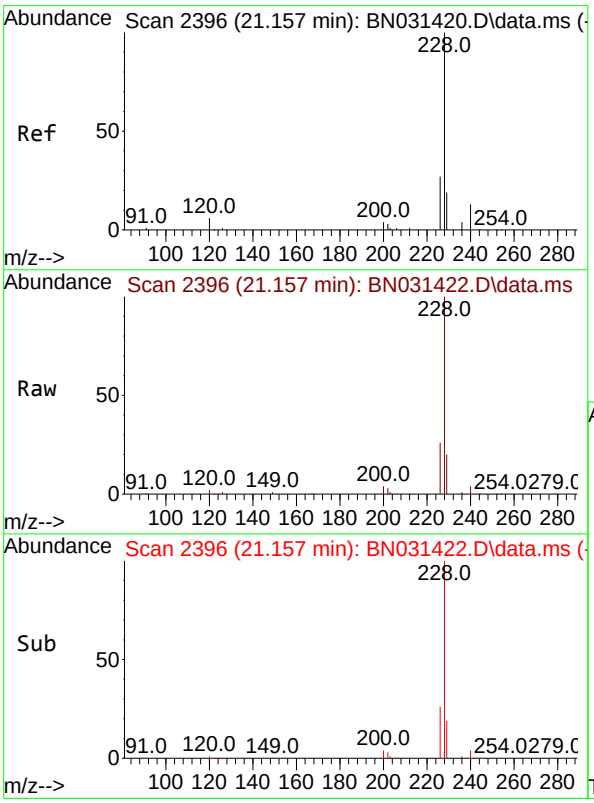
#31
Terphenyl-d14
Concen: 1.193 ng
RT: 19.611 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 57949

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.9	10.3
122	12.7	11.4	17.2

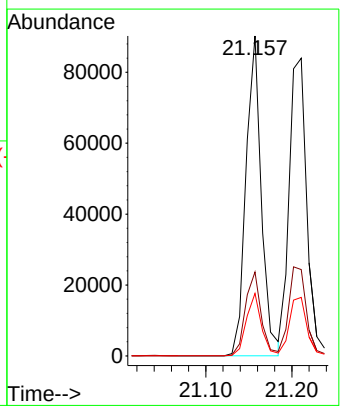


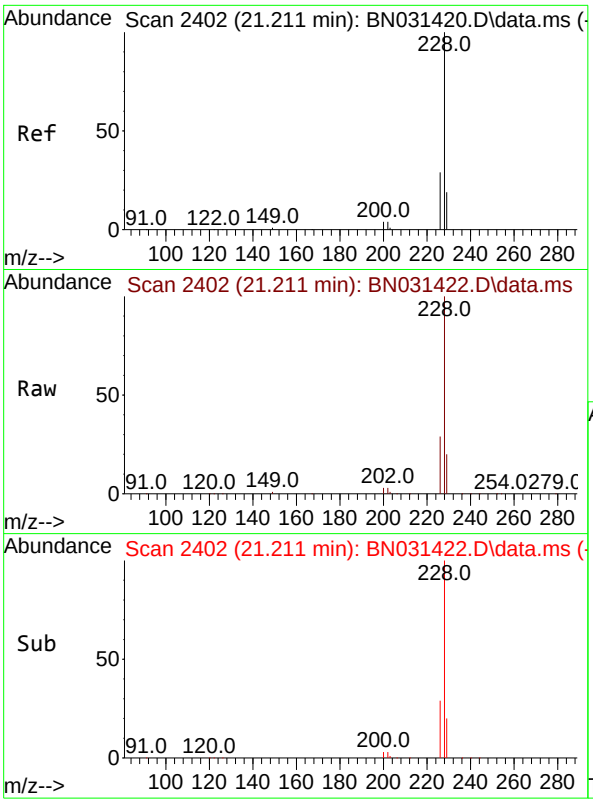


#32
Benzo(a)anthracene
Concen: 1.693 ng
RT: 21.157 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:228 Resp: 111890

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.8	32.6
229	19.5	15.6	23.4



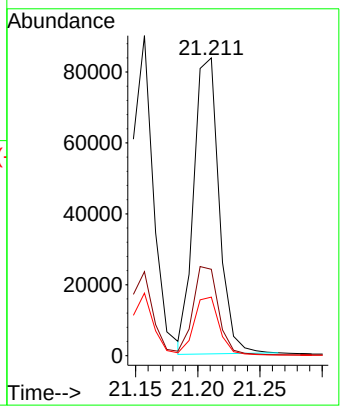


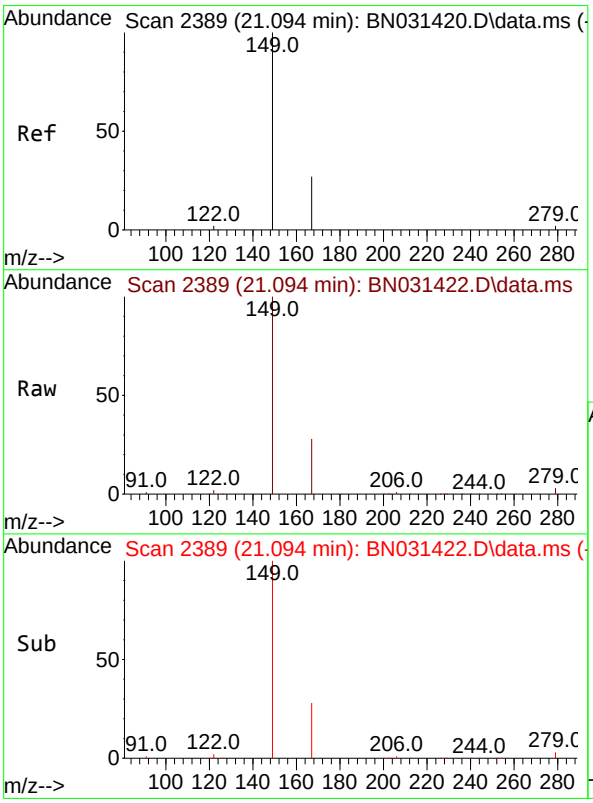
#33
Chrysene
Concen: 1.716 ng
RT: 21.211 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 118143

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	19.7	15.8	23.8

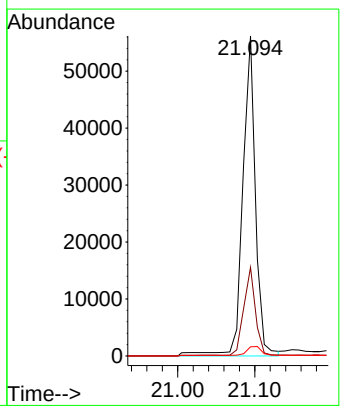


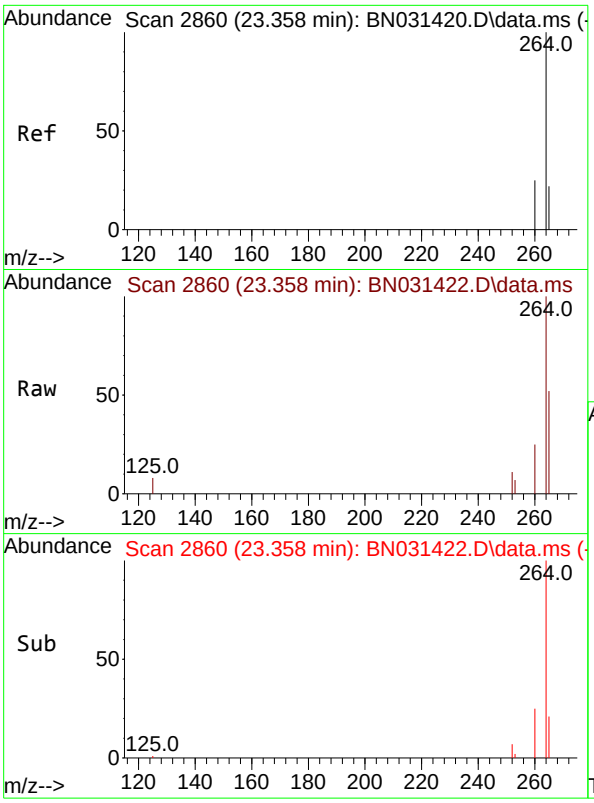


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.789 ng
RT: 21.094 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:149 Resp: 62476

Ion	Ratio	Lower	Upper
149	100		
167	26.0	23.0	34.4
279	4.6	3.2	4.8



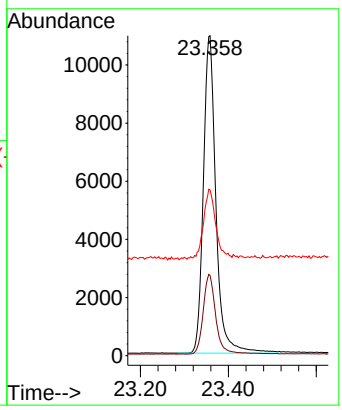


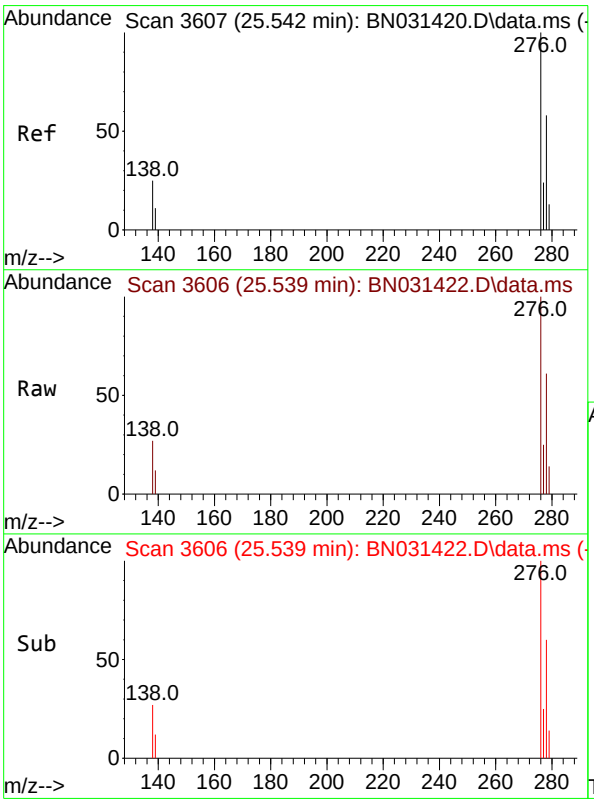
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.358 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 21748

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	51.8	43.4	65.2

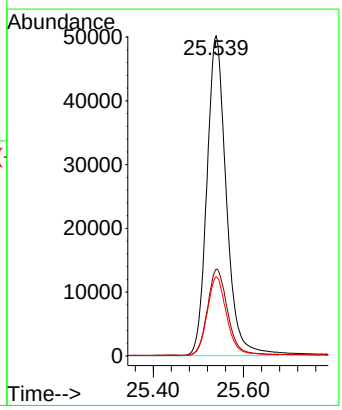


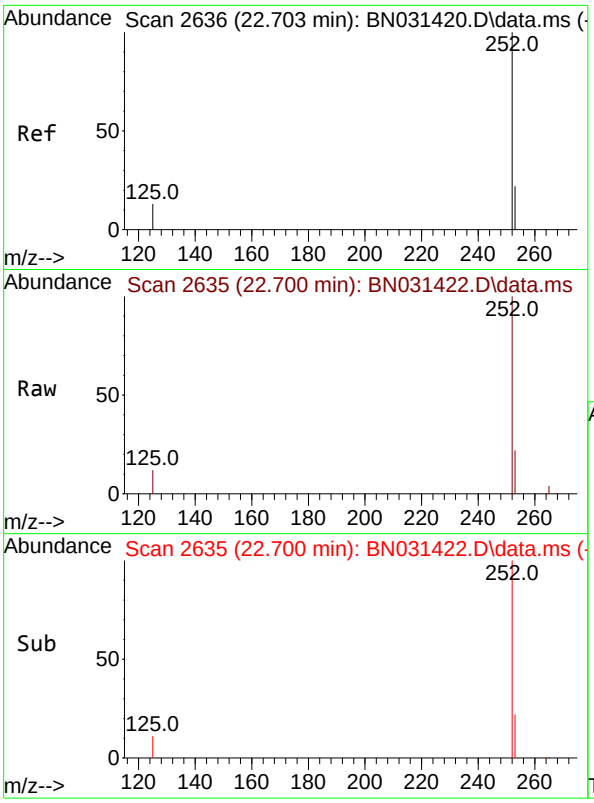


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.702 ng
RT: 25.539 min Scan# 3606
Delta R.T. -0.003 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:276 Resp: 149544

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.5	32.3
277	24.9	19.8	29.8



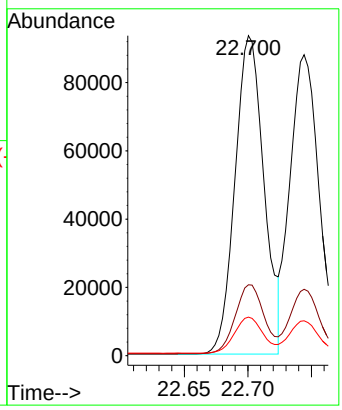


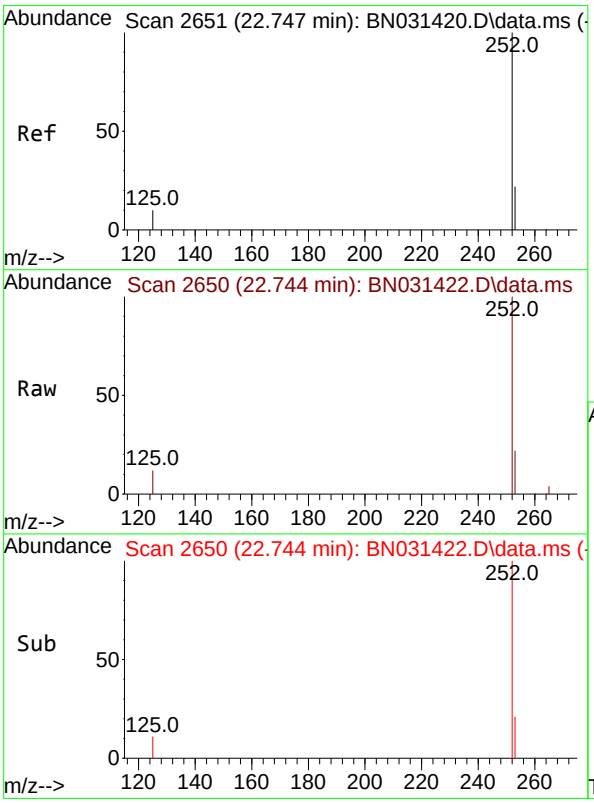
#37
Benzo(b)fluoranthene
Concen: 1.735 ng
RT: 22.700 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 147978

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.5	29.3
125	12.1	12.9	19.3#

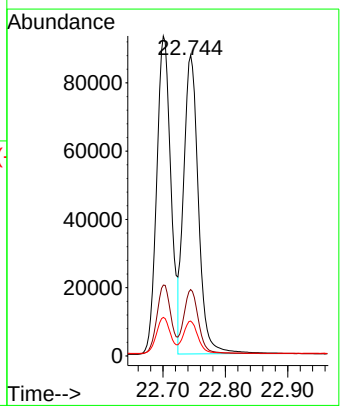


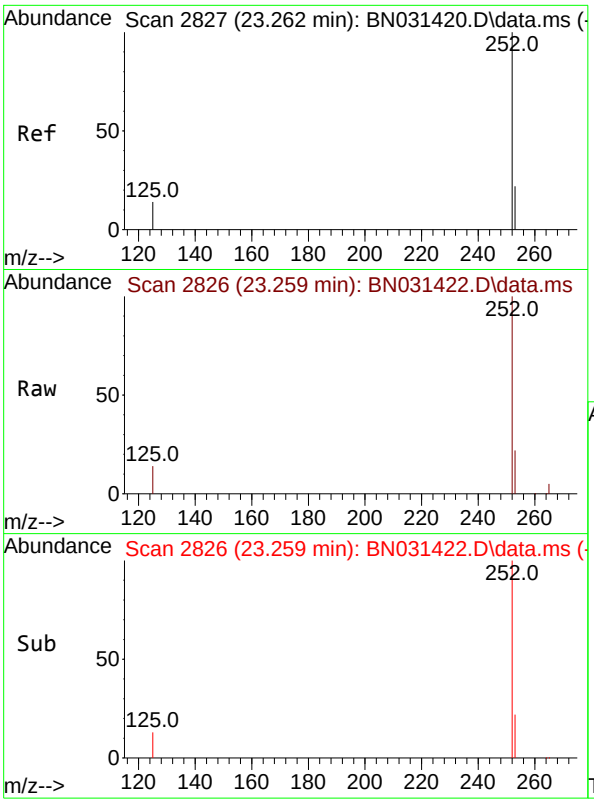


#38
Benzo(k)fluoranthene
Concen: 1.720 ng
RT: 22.744 min Scan# 2650
Delta R.T. -0.003 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:252 Resp: 143914

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.5	29.3
125	11.6	11.5	17.3



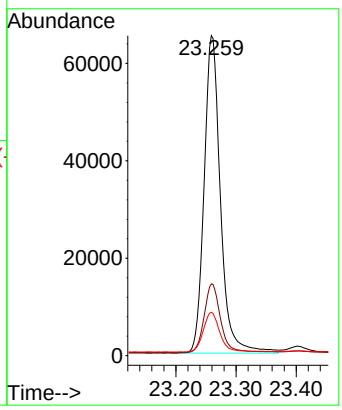


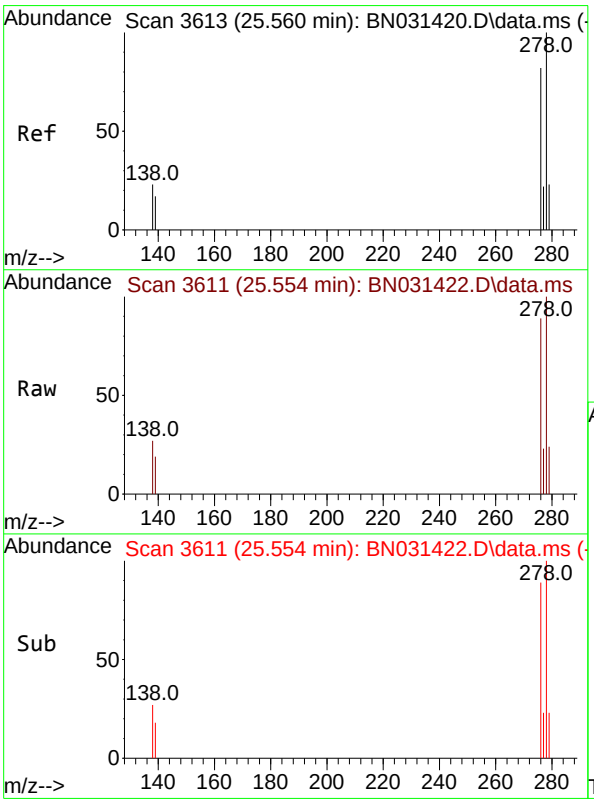
#39
Benzo(a)pyrene
Concen: 1.720 ng
RT: 23.259 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 123118

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.8	31.2
125	13.6	15.2	22.8#

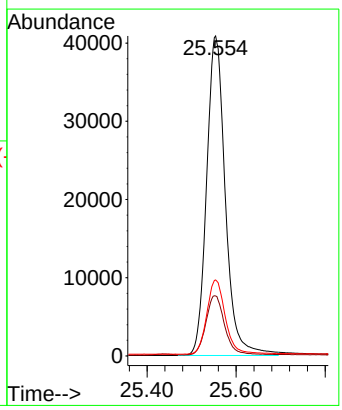


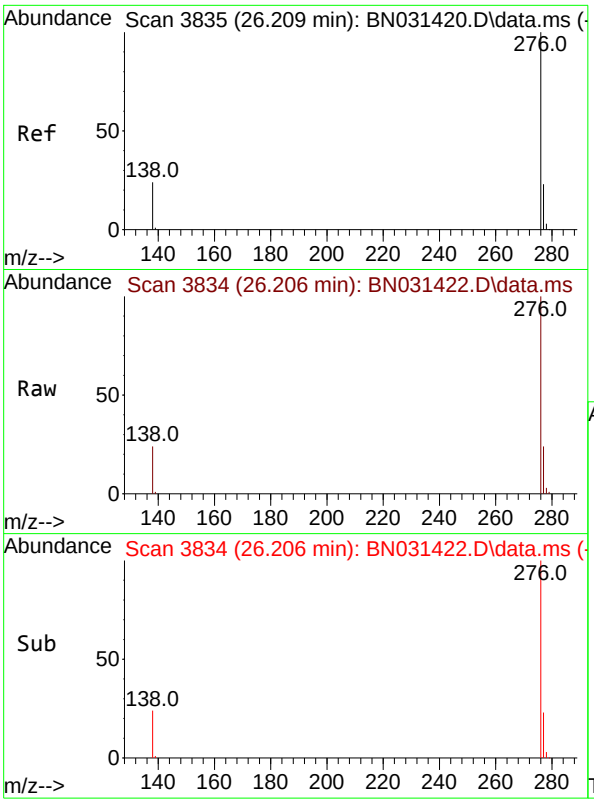


#40
Dibenzo(a,h)anthracene
Concen: 1.726 ng
RT: 25.554 min Scan# 3611
Delta R.T. -0.006 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Tgt Ion:278 Resp: 119500

Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.7	22.1
279	23.7	20.6	31.0





#41
Benzo(g,h,i)perylene
Concen: 1.829 ng
RT: 26.206 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN031422.D
Acq: 07 May 2024 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 128515

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.2
138	24.2	19.7	29.5