Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031449.D
Acq On : 09 May 2024 18:29
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 10 01:59:10 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	9795	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	32229	0.400	ng	0.00
13) Acenaphthene-d10	14.349	164	19869	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	45151	0.400	ng	0.00
29) Chrysene-d12	21.274	240	39062	0.400	ng	0.00
35) Perylene-d12	23.519	264	43919	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	21580	0.941	ng	0.00
5) Phenol-d6	6.873	99	29230	1.073	ng	0.00
8) Nitrobenzene-d5	8.862	82	17669	0.625	ng	0.00
11) 2-Methylnaphthalene-d10	12.092	152	41069	0.861	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	5715	0.647	ng	0.00
15) 2-Fluorobiphenyl	12.981	172	60432	0.822	ng	0.00
27) Fluoranthene-d10	19.124	212	99488	0.814	ng	0.00
31) Terphenyl-d14	19.732	244	76254	0.769	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	9127	0.781	ng	# 89
3) n-Nitrosodimethylamine	3.551	42	8984	0.770	ng	100
6) bis(2-Chloroethyl)ether	7.148	93	25745	1.010	ng	99
9) Naphthalene	10.549	128	70001	0.777	ng	98
10) Hexachlorobutadiene	10.838	225	12250	0.652	ng	# 99
12) 2-Methylnaphthalene	12.168	142	48216	0.871	ng	99
16) Acenaphthylene	14.071	152	77731	0.892	ng	100
17) Acenaphthene	14.413	154	48932	0.819	ng	100
18) Fluorene	15.397	166	64248	0.831	ng	100
20) 4,6-Dinitro-2-methylph...	15.472	198	2740	0.380	ng	# 56
21) 4-Bromophenyl-phenylether	16.296	248	20601	0.790	ng	97
22) Hexachlorobenzene	16.396	284	20633	0.691	ng	99
23) Atrazine	16.569	200	18712	0.915	ng	98
24) Pentachlorophenol	16.731	266	7264	0.593	ng	98
25) Phenanthrene	17.128	178	98658	0.762	ng	100
26) Anthracene	17.227	178	97076	0.891	ng	100
28) Fluoranthene	19.151	202	120532	0.762	ng	100
30) Pyrene	19.514	202	125904	0.799	ng	100
32) Benzo(a)anthracene	21.256	228	118019	0.875	ng	99
33) Chrysene	21.310	228	112978	0.804	ng	100
34) Bis(2-ethylhexyl)phtha...	21.220	149	63954	0.898	ng	100
36) Indeno(1,2,3-cd)pyrene	25.791	276	137490	0.775	ng	99
37) Benzo(b)fluoranthene	22.844	252	122308	0.710	ng	99
38) Benzo(k)fluoranthene	22.891	252	118690	0.702	ng	98
39) Benzo(a)pyrene	23.420	252	107069	0.741	ng	98
40) Dibenzo(a,h)anthracene	25.814	278	109726	0.785	ng	98
41) Benzo(g,h,i)perylene	26.481	276	117110	0.825	ng	99

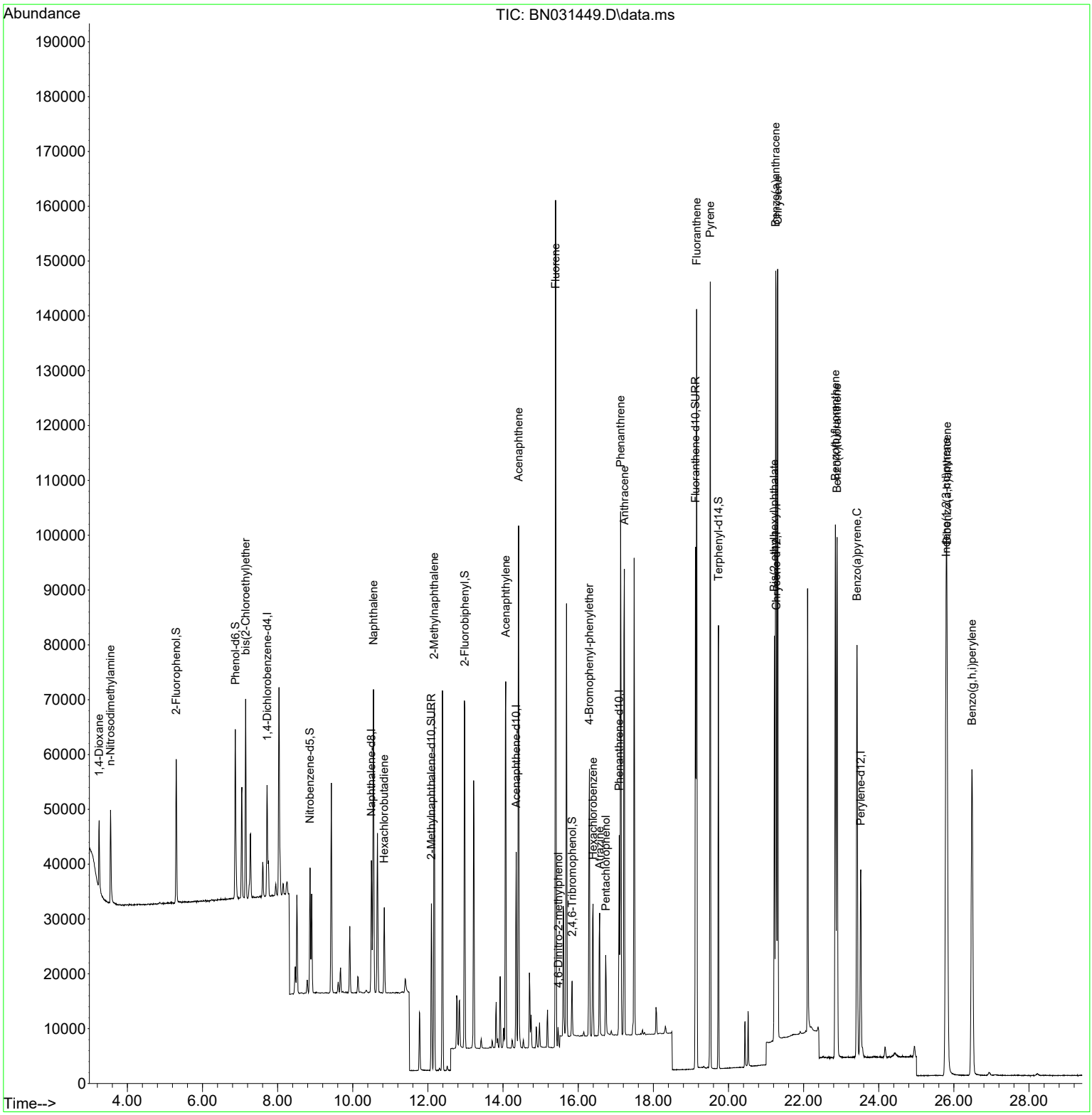
(#) = qualifier out of range (m) = manual integration (+) = signals summed

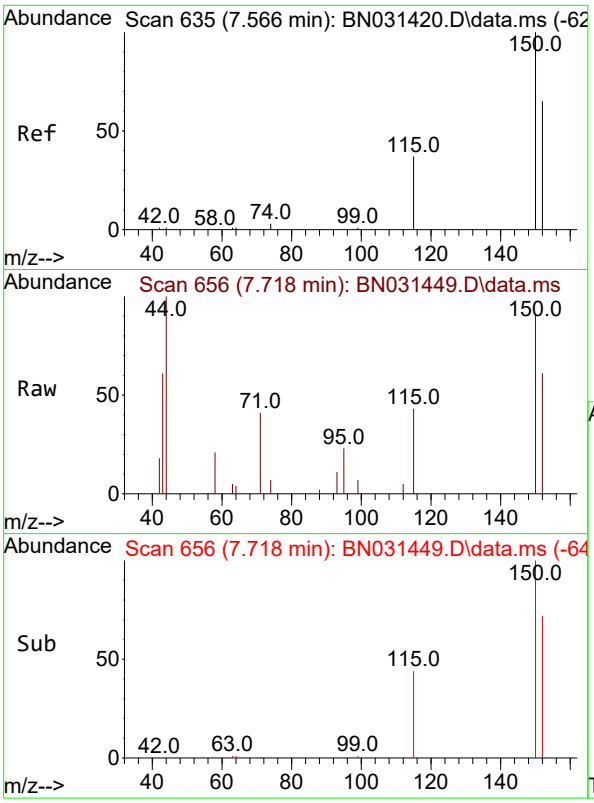
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050924\
Data File : BN031449.D
Acq On : 09 May 2024 18:29
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 10 01:59:10 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



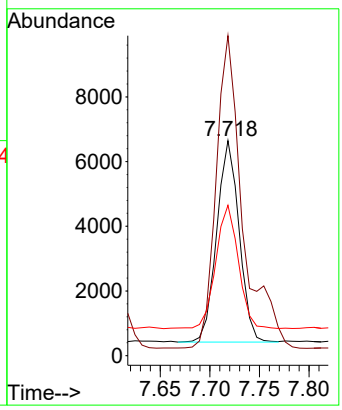


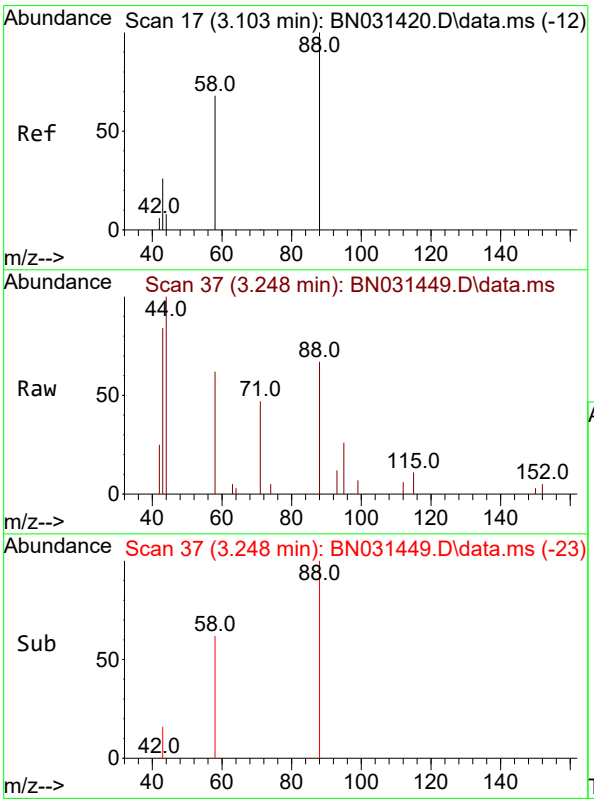
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.718 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 9795

Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.3	178.9
115	69.9	54.8	82.2

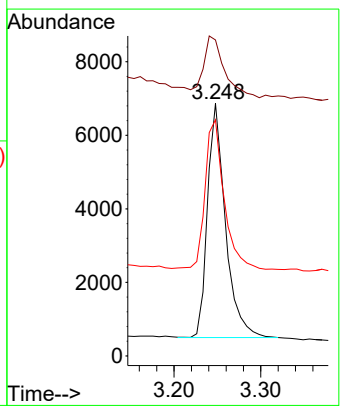


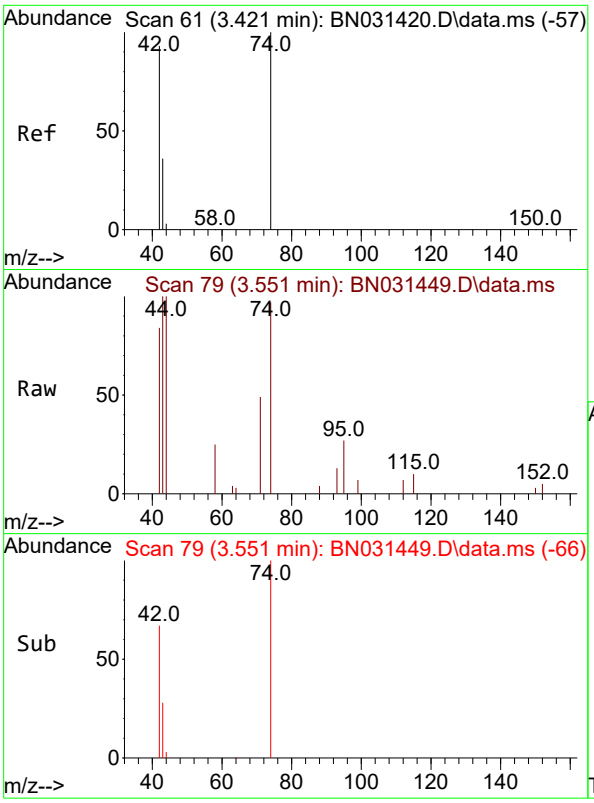


#2
1,4-Dioxane
Concen: 0.781 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion: 88 Resp: 9127

Ion	Ratio	Lower	Upper
88	100		
43	31.0	39.0	58.6#
58	68.0	54.9	82.3



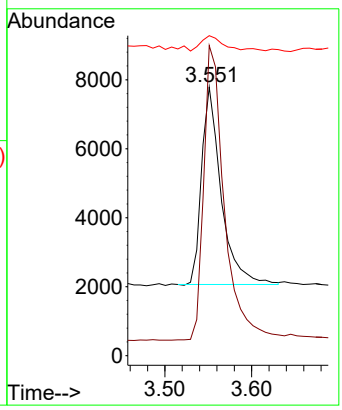


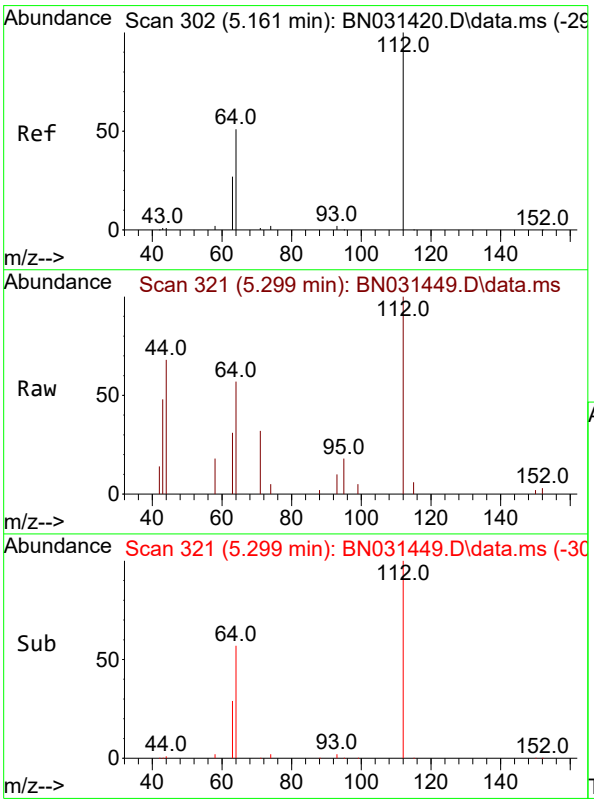
#3
n-Nitrosodimethylamine
Concen: 0.770 ng
RT: 3.551 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 8984

Ion	Ratio	Lower	Upper
42	100		
74	158.1	126.4	189.6
44	9.1	6.9	10.3

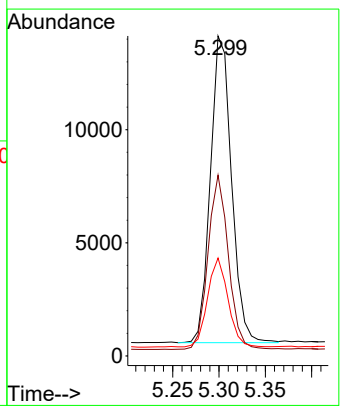


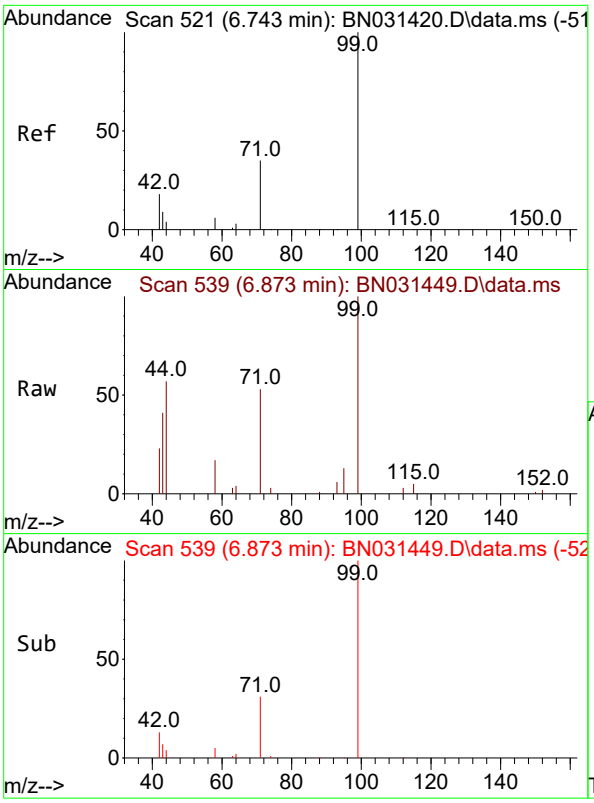


#4
2-Fluorophenol
Concen: 0.941 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:112 Resp: 21580

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.0	66.0
63	28.3	22.2	33.4



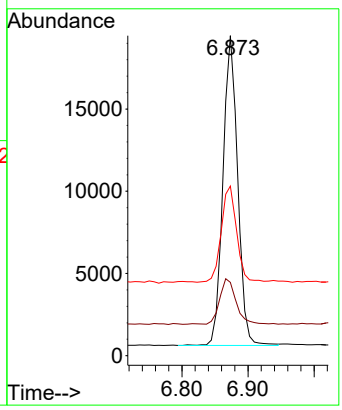


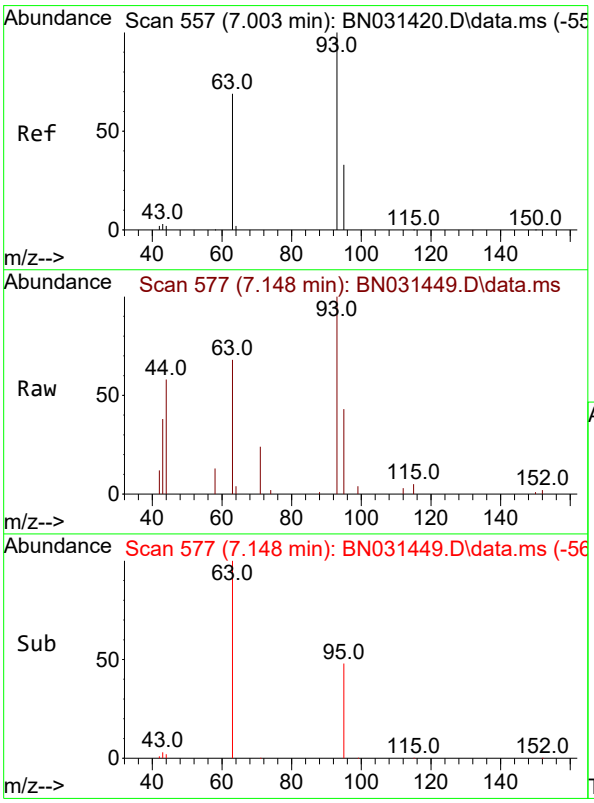
#5
Phenol-d6
Concen: 1.073 ng
RT: 6.873 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 29230

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	32.2	26.1	39.1

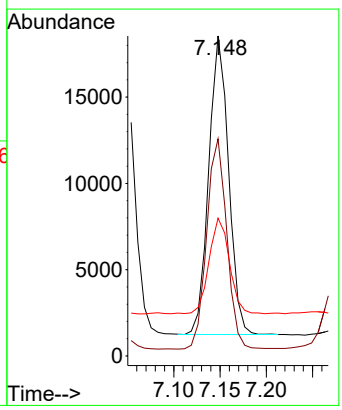


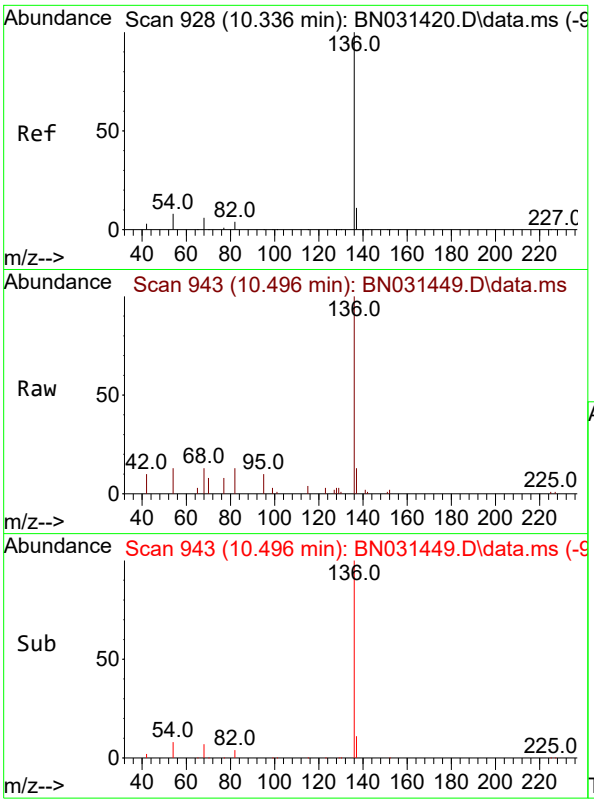


#6
bis(2-Chloroethyl)ether
Concen: 1.010 ng
RT: 7.148 min Scan# 577
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion: 93 Resp: 25745

Ion	Ratio	Lower	Upper
93	100		
63	71.2	56.6	85.0
95	32.7	27.3	40.9



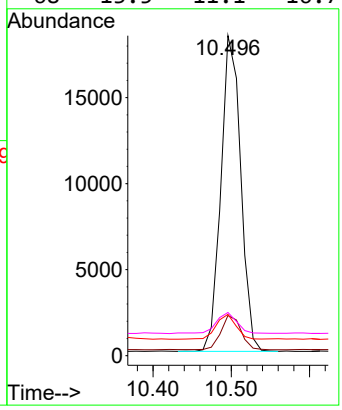


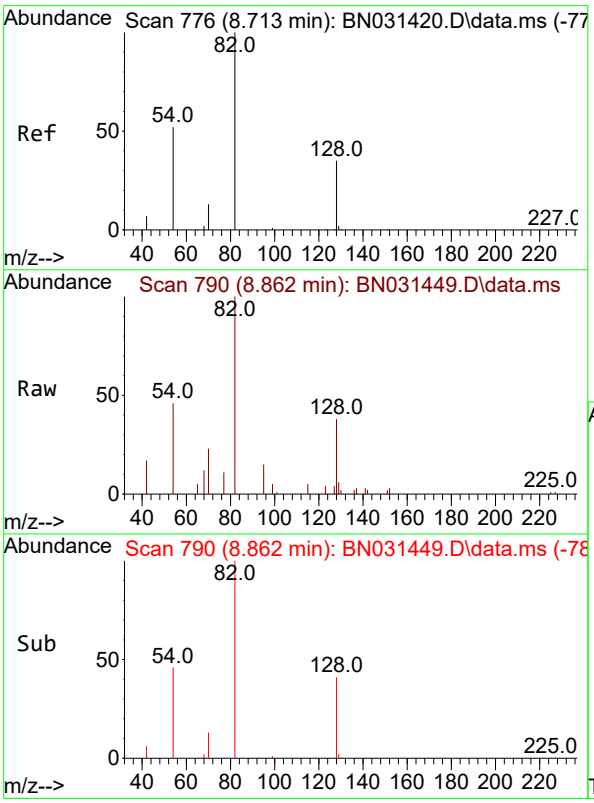
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 32229

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.1	15.1
54	12.9	10.5	15.7
68	13.5	11.1	16.7

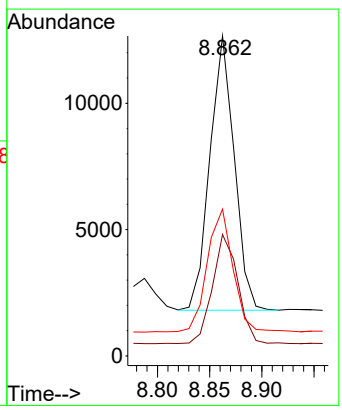


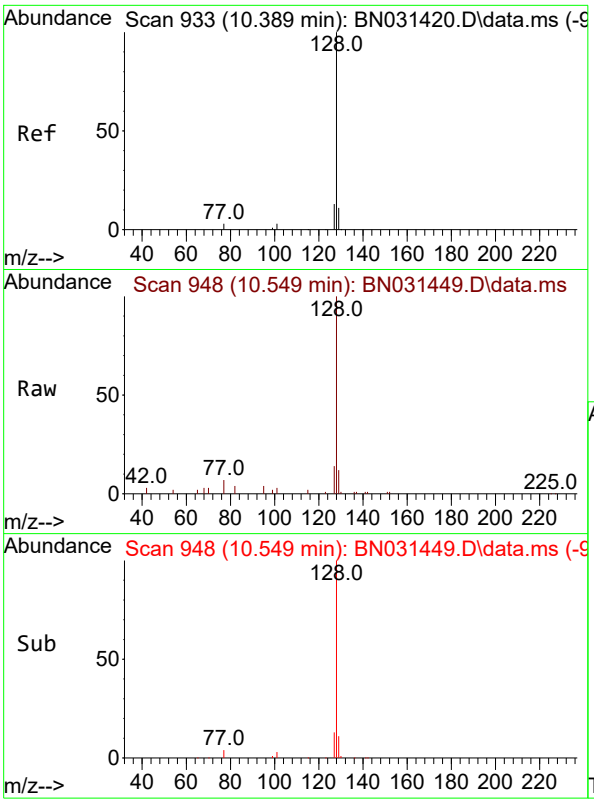


#8
Nitrobenzene-d5
Concen: 0.625 ng
RT: 8.862 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion: 82 Resp: 17669

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.0	43.6
54	45.9	37.2	55.8



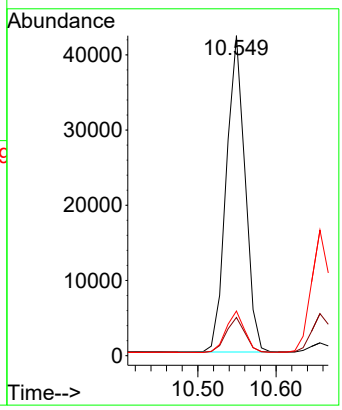


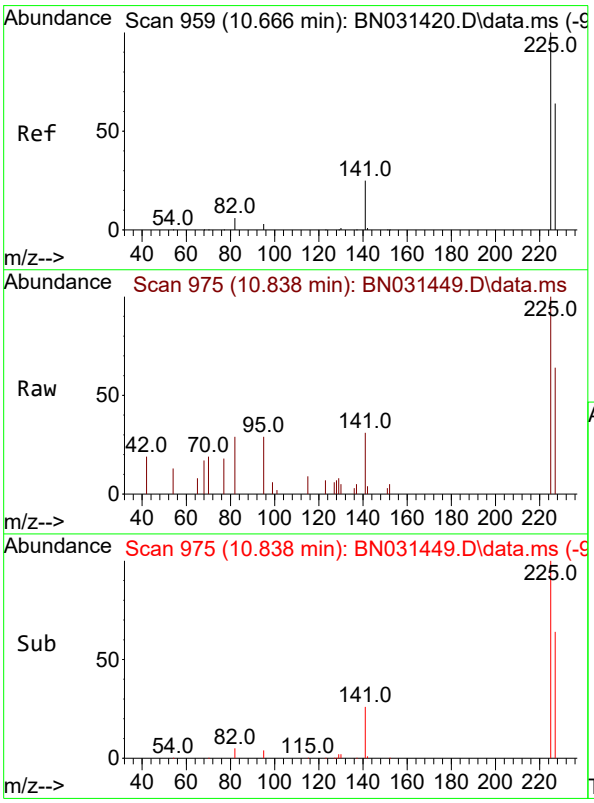
#9
Naphthalene
Concen: 0.777 ng
RT: 10.549 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 70001

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.2	15.4
127	13.9	11.7	17.5

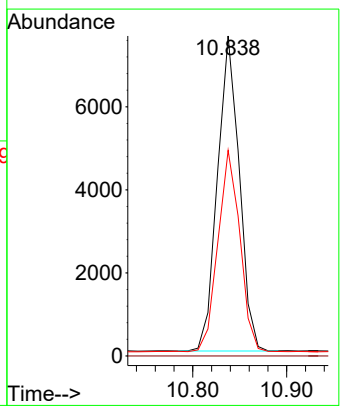


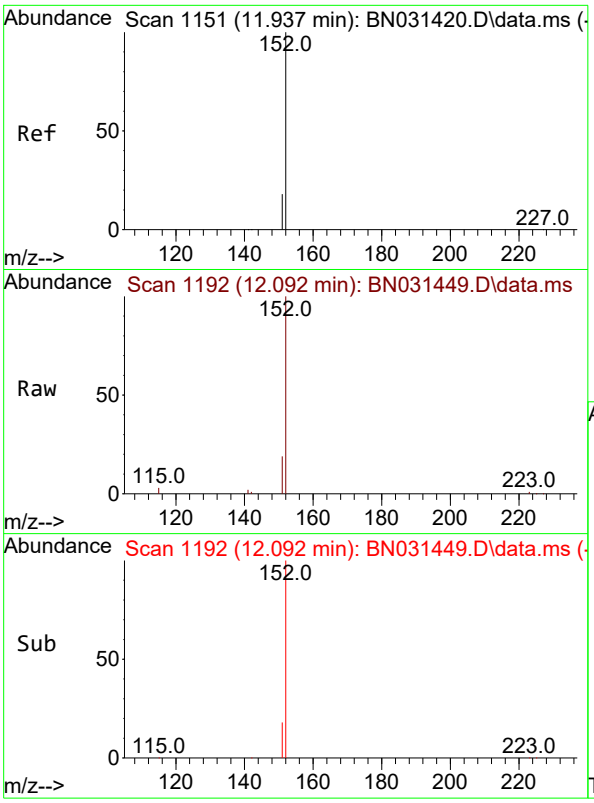


#10
Hexachlorobutadiene
Concen: 0.652 ng
RT: 10.838 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:225 Resp: 12250

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.7	76.1



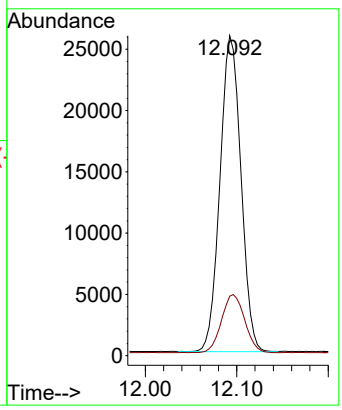


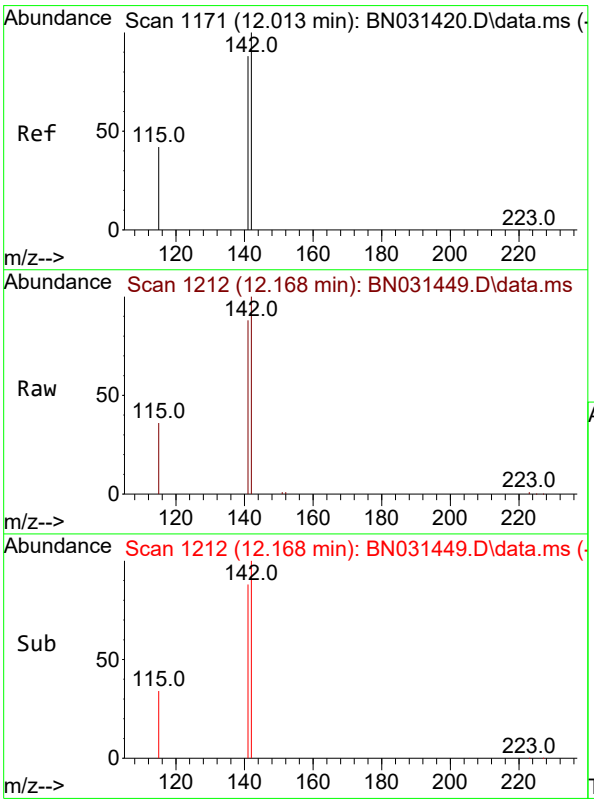
#11
2-Methylnaphthalene-d10
Concen: 0.861 ng
RT: 12.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 41069

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0

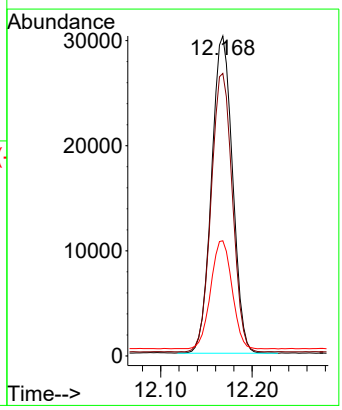


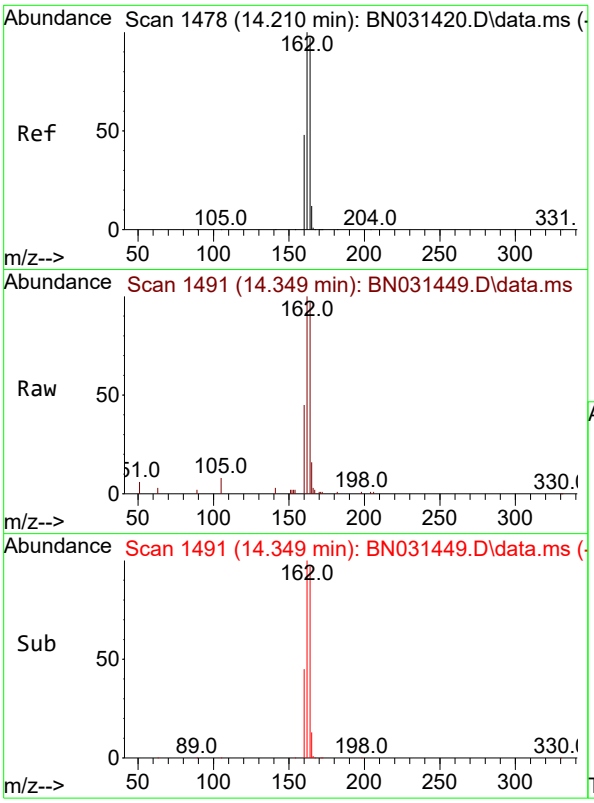


#12
2-Methylnaphthalene
Concen: 0.871 ng
RT: 12.168 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:142 Resp: 48216

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	36.0	30.2	45.2



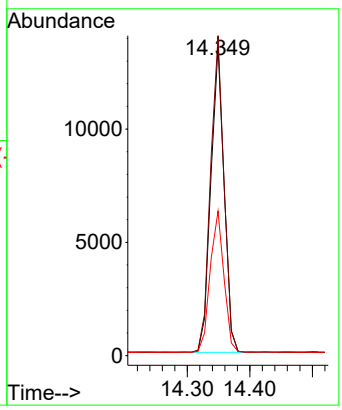


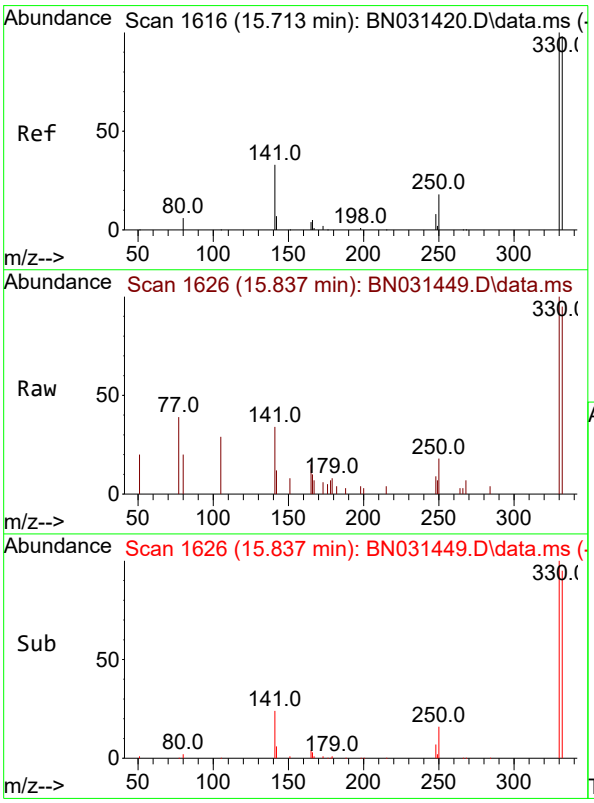
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.349 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 19869

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.2	121.8
160	46.7	37.0	55.6

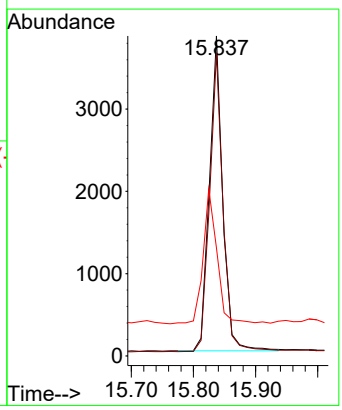


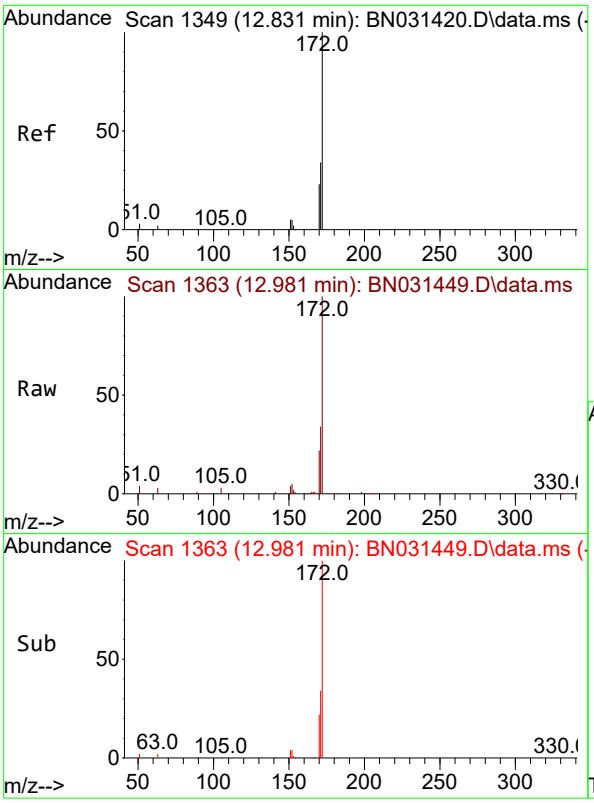


#14
2,4,6-Tribromophenol
Concen: 0.647 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:330 Resp: 5715

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	44.5	37.0	55.4



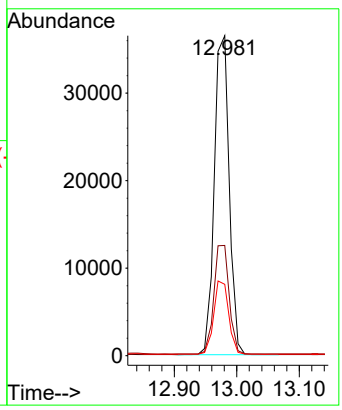


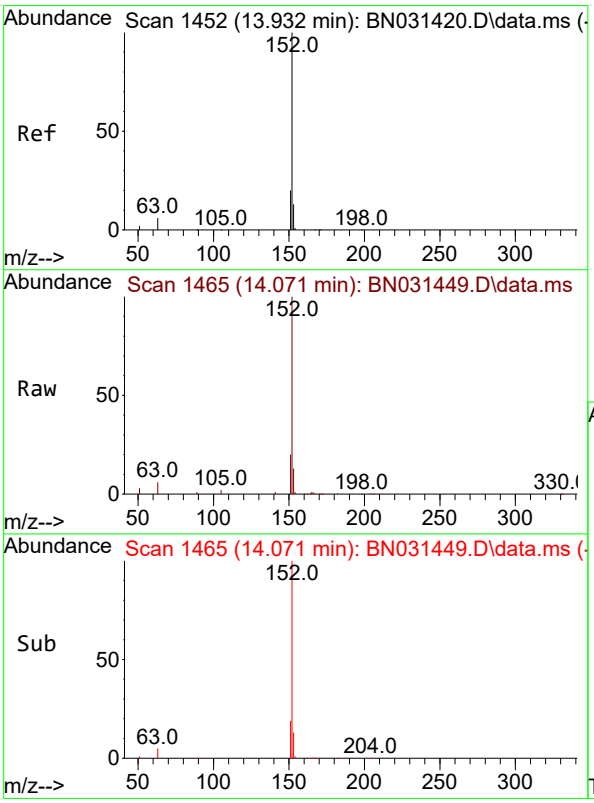
#15
2-Fluorobiphenyl
Concen: 0.822 ng
RT: 12.981 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 60432

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	22.3	18.3	27.5

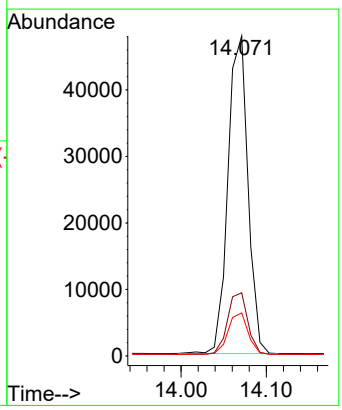


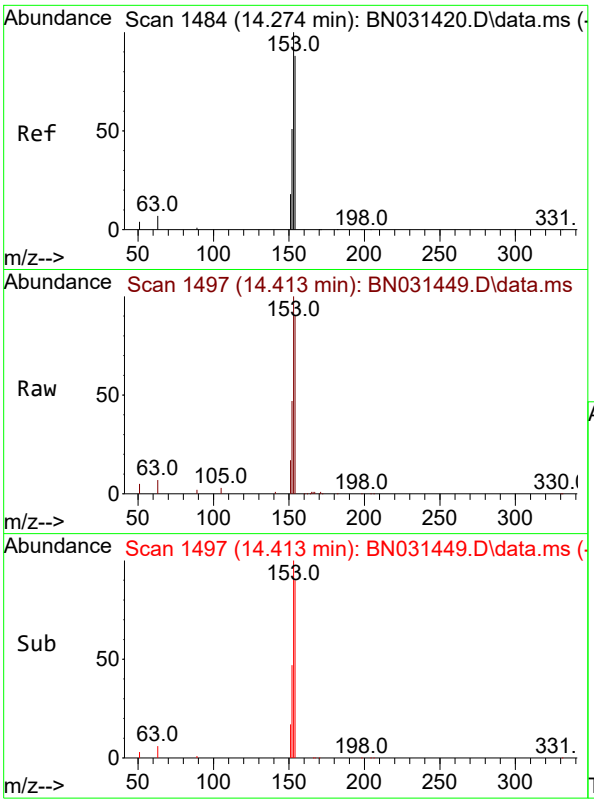


#16
Acenaphthylene
Concen: 0.892 ng
RT: 14.071 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:152 Resp: 77731

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7



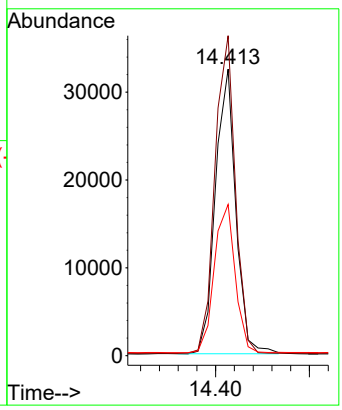


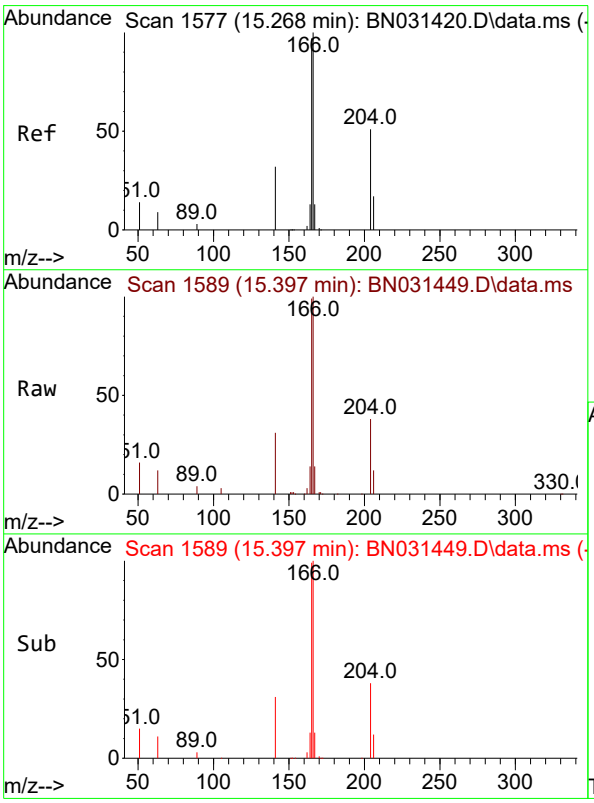
#17
Acenaphthene
Concen: 0.819 ng
RT: 14.413 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 48932

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.1	133.7
152	53.2	42.6	64.0

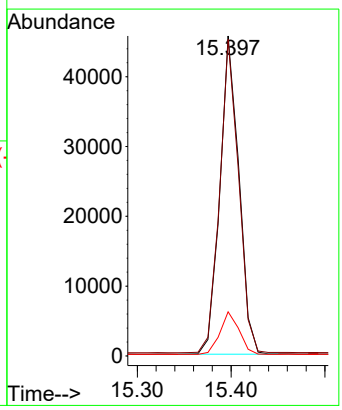


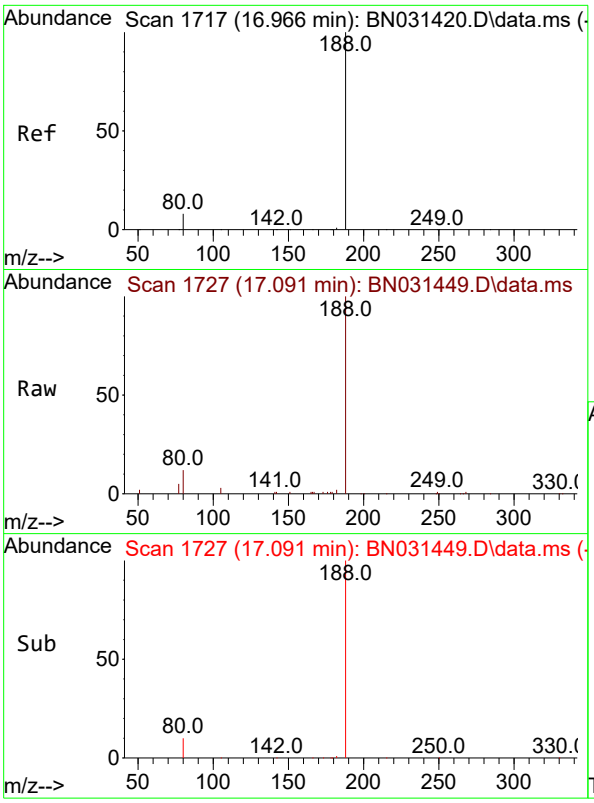


#18
Fluorene
Concen: 0.831 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:166 Resp: 64248

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.2
167	13.5	10.8	16.2



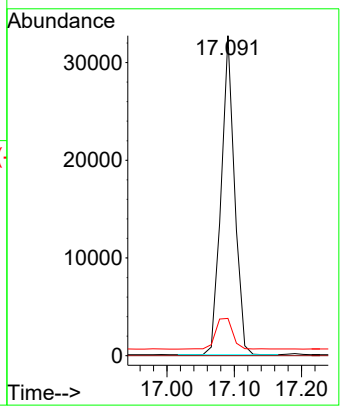


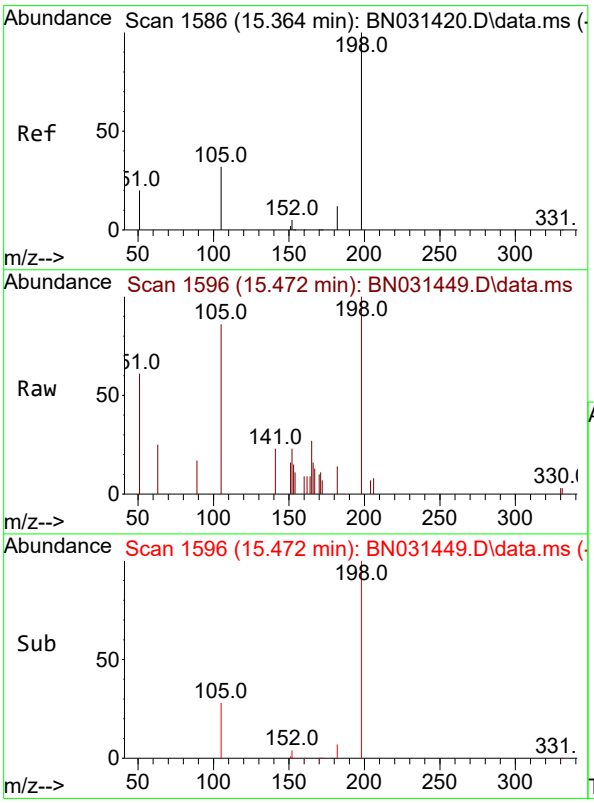
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 45151

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	9.6	14.4

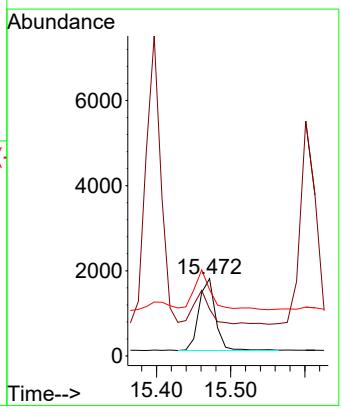


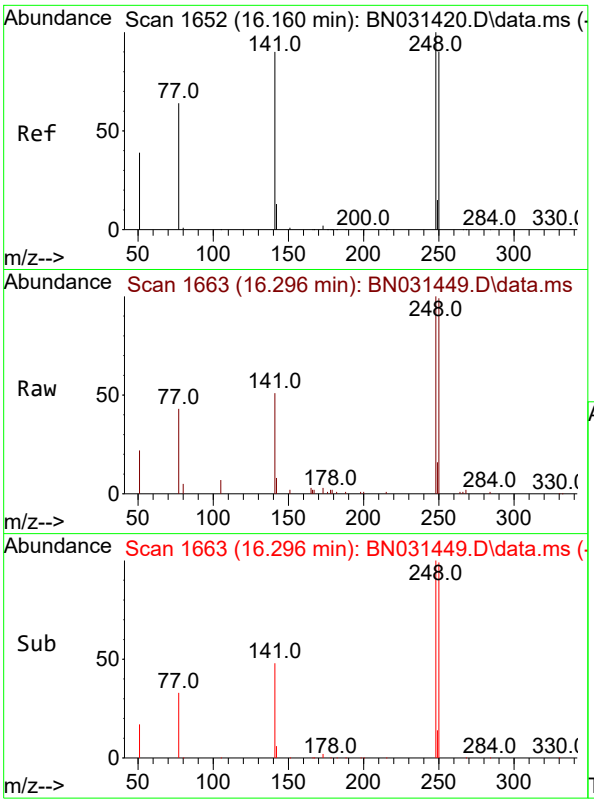


#20
4,6-Dinitro-2-methylphenol
Concen: 0.380 ng
RT: 15.472 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:198 Resp: 2740

Ion	Ratio	Lower	Upper
198	100		
51	60.6	78.3	117.5#
105	86.0	117.2	175.8#



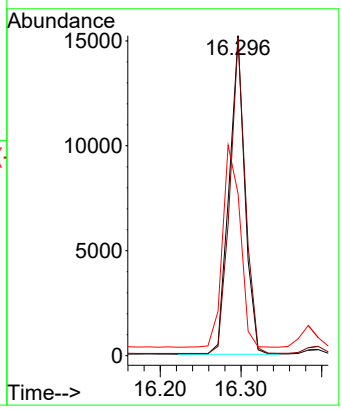


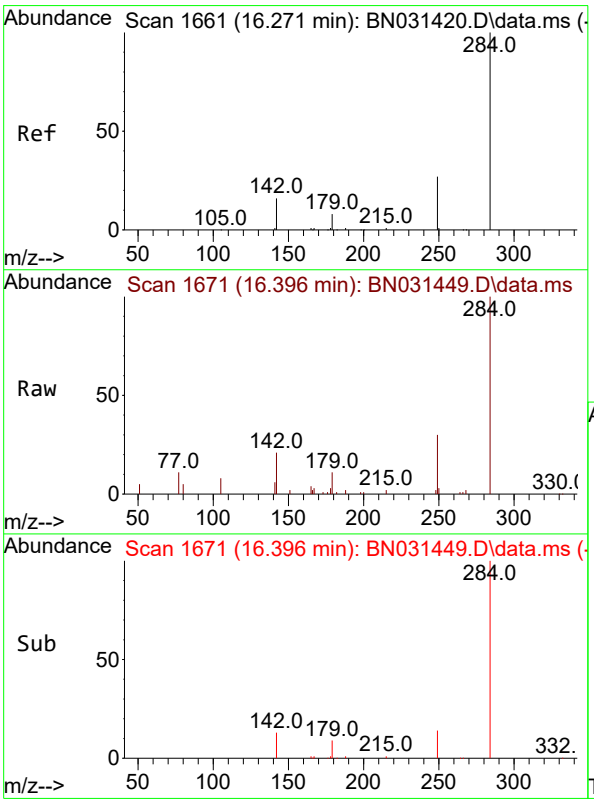
#21
4-Bromophenyl-phenylether
Concen: 0.790 ng
RT: 16.296 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 20601

Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.9	116.9
141	50.7	43.4	65.2

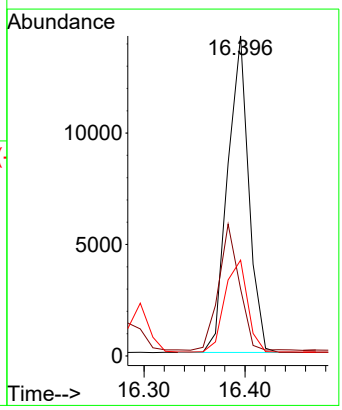


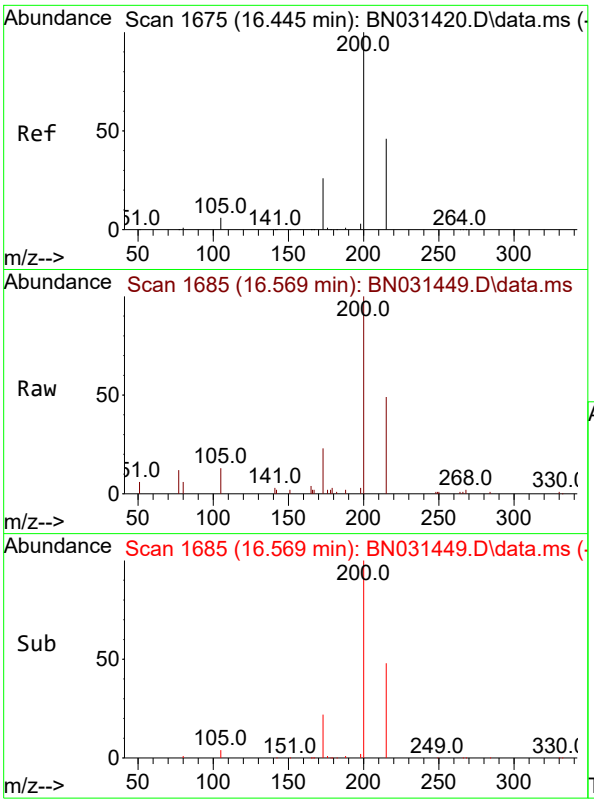


#22
Hexachlorobenzene
Concen: 0.691 ng
RT: 16.396 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:284 Resp: 20633

Ion	Ratio	Lower	Upper
284	100		
142	38.9	31.0	46.6
249	31.3	25.5	38.3



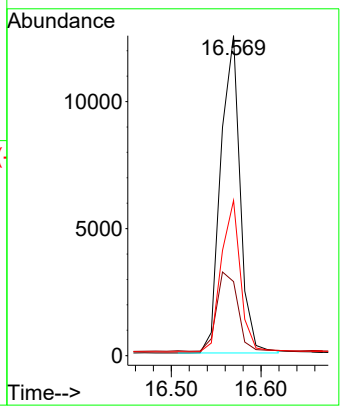


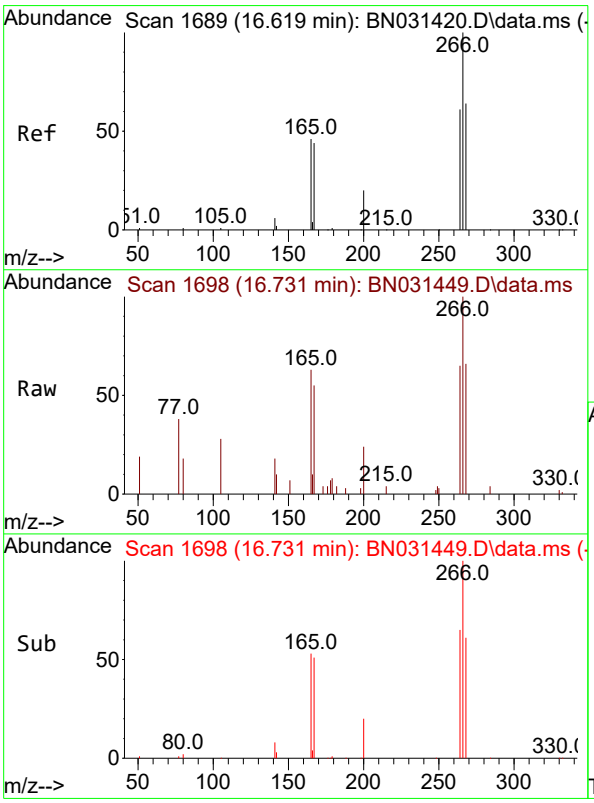
#23
Atrazine
Concen: 0.915 ng
RT: 16.569 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 18712

Ion	Ratio	Lower	Upper
200	100		
173	23.2	19.6	29.4
215	48.5	39.8	59.8

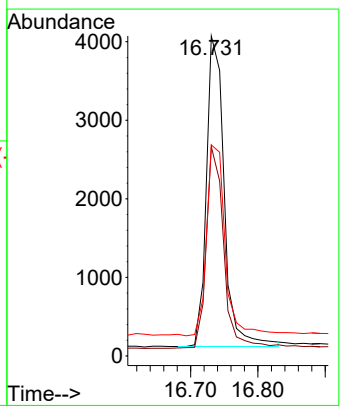


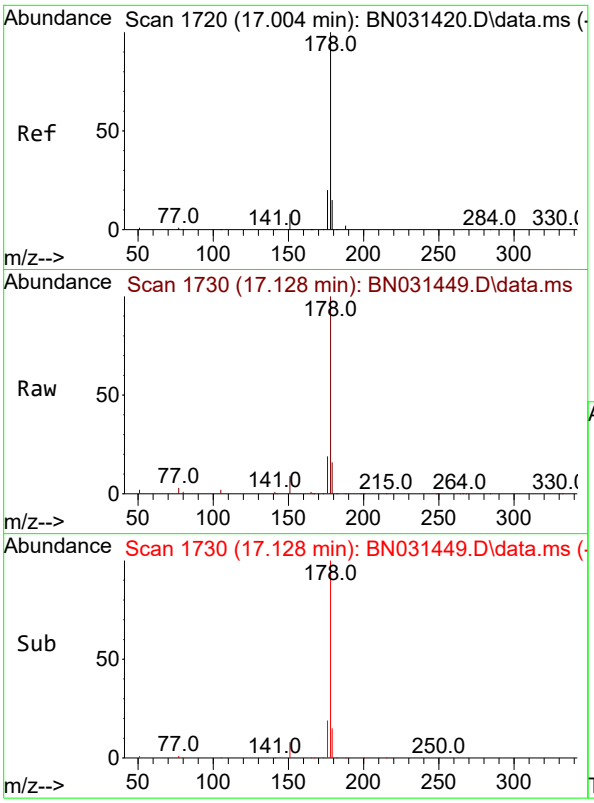


#24
Pentachlorophenol
Concen: 0.593 ng
RT: 16.731 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:266 Resp: 7264

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	75.8
268	64.3	49.0	73.4



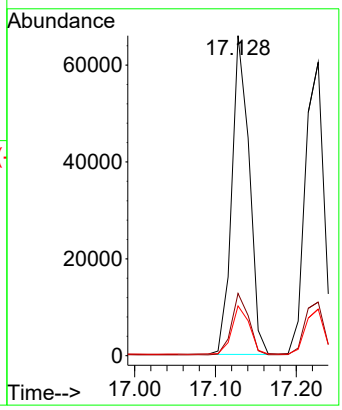


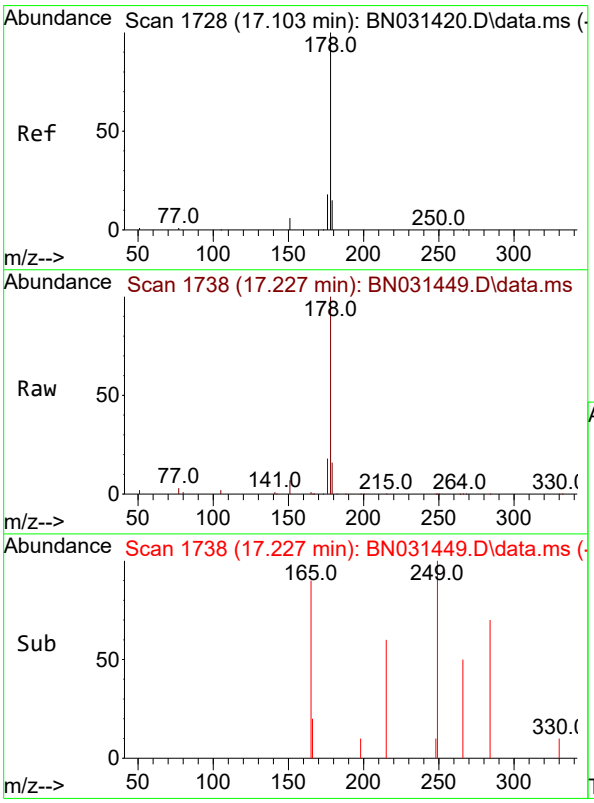
#25
Phenanthrene
Concen: 0.762 ng
RT: 17.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 98658

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

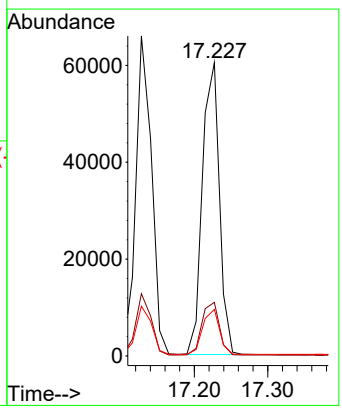


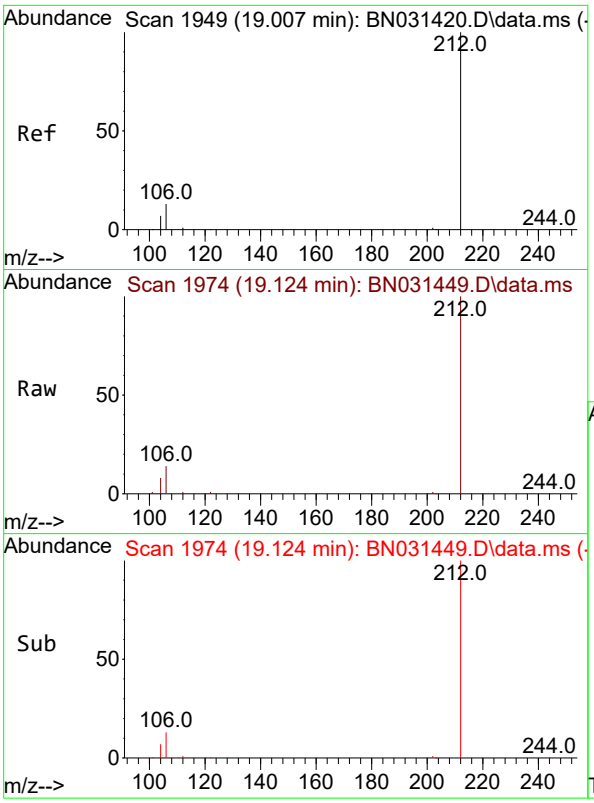


#26
Anthracene
Concen: 0.891 ng
RT: 17.227 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:178 Resp: 97076

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.4	18.6



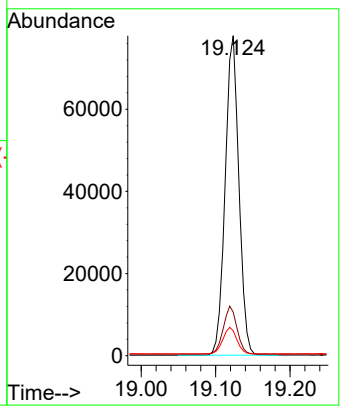


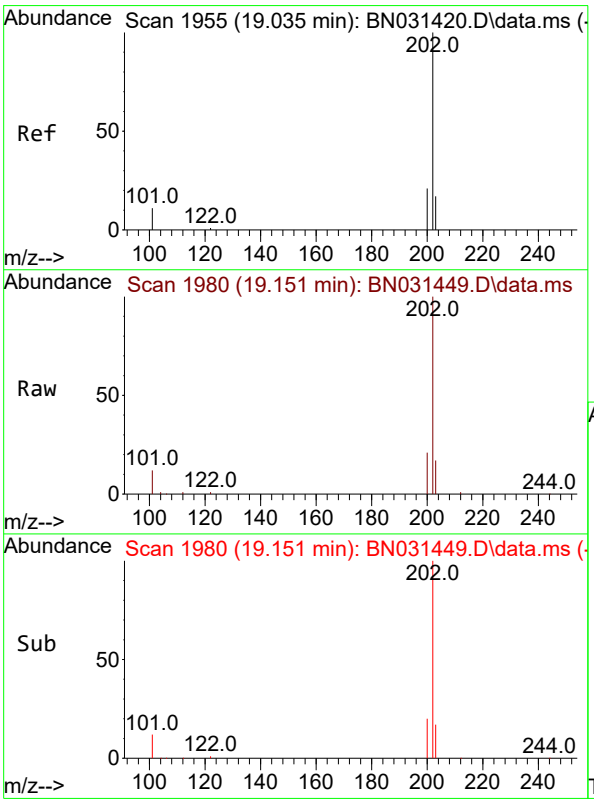
#27
Fluoranthene-d10
Concen: 0.814 ng
RT: 19.124 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 99488

Ion	Ratio	Lower	Upper
212	100		
106	14.9	12.0	18.0
104	8.4	6.9	10.3

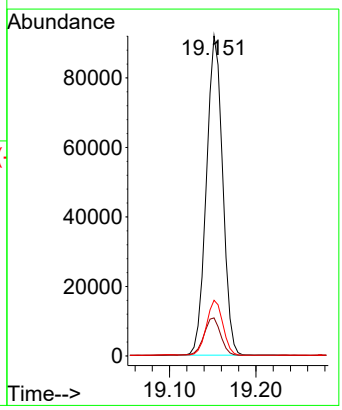


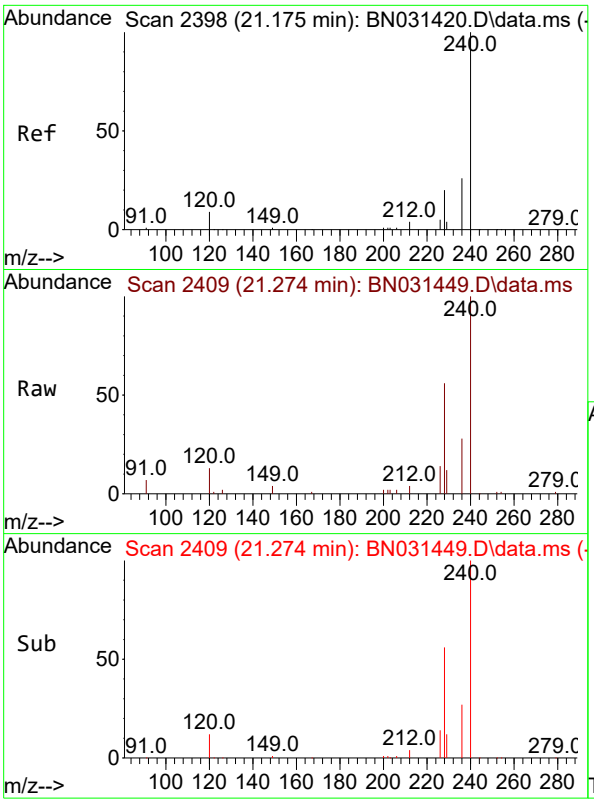


#28
Fluoranthene
Concen: 0.762 ng
RT: 19.151 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:202 Resp: 120532

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
203	17.3	13.8	20.8



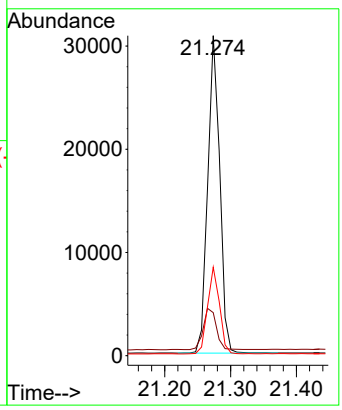


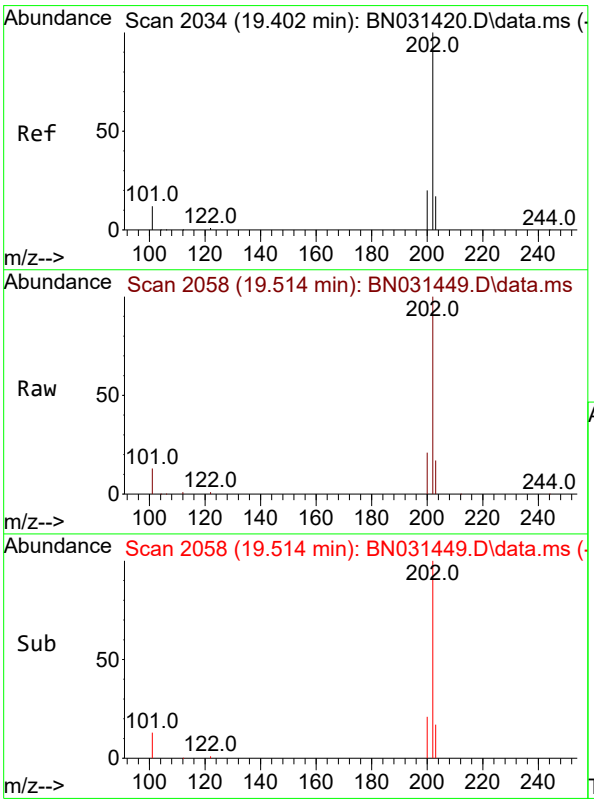
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 39062

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.4	17.2
236	27.7	22.2	33.4

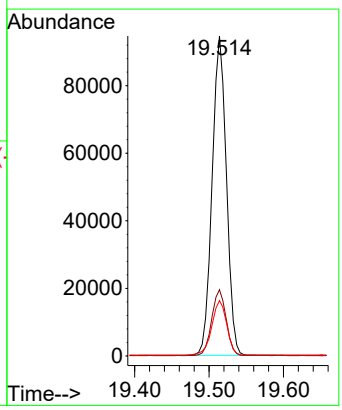


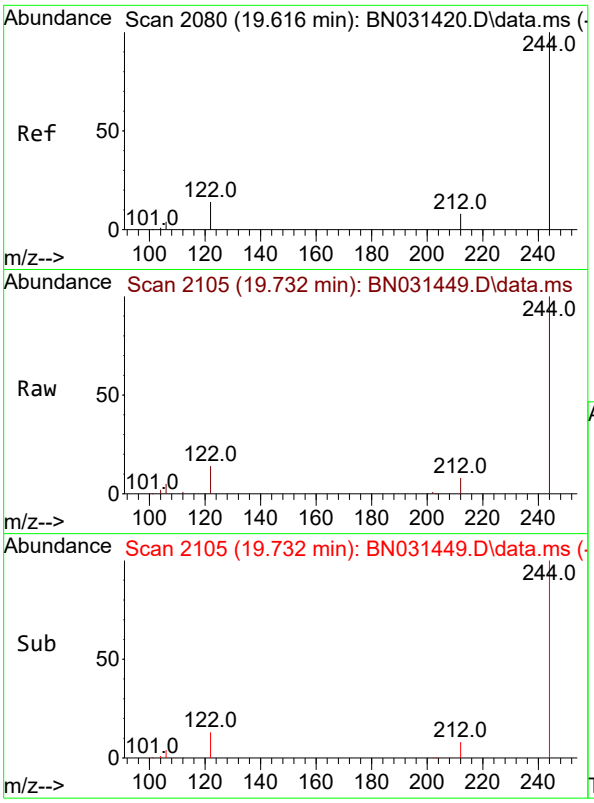


#30
Pyrene
Concen: 0.799 ng
RT: 19.514 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:202 Resp: 125904

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.9	14.3	21.5



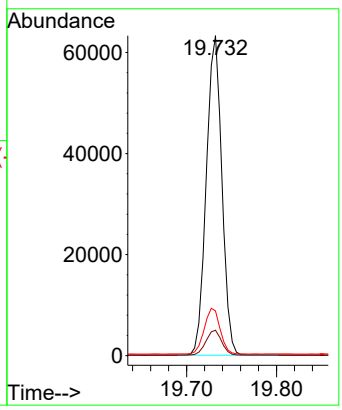


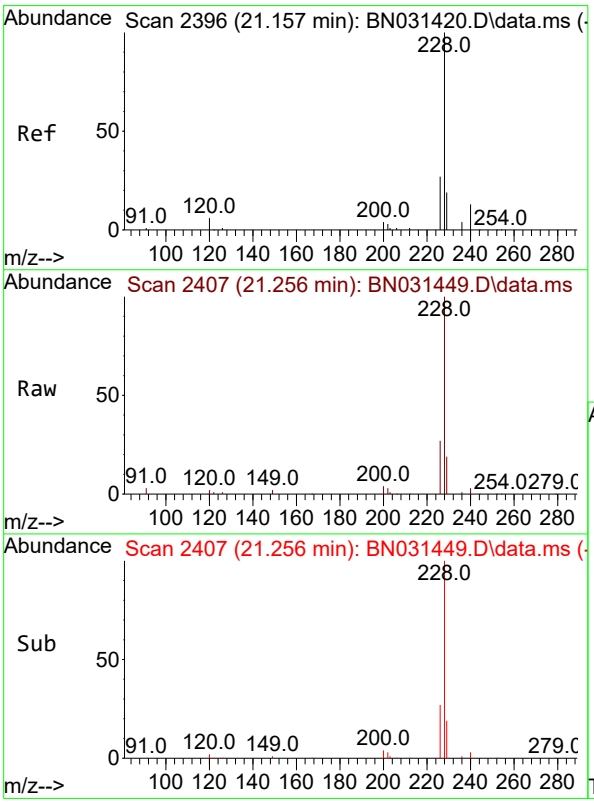
#31
Terphenyl-d14
Concen: 0.769 ng
RT: 19.732 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 76254

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	14.0	11.4	17.2

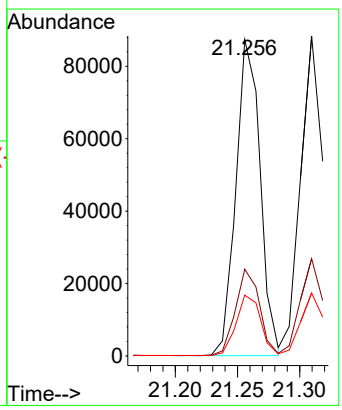


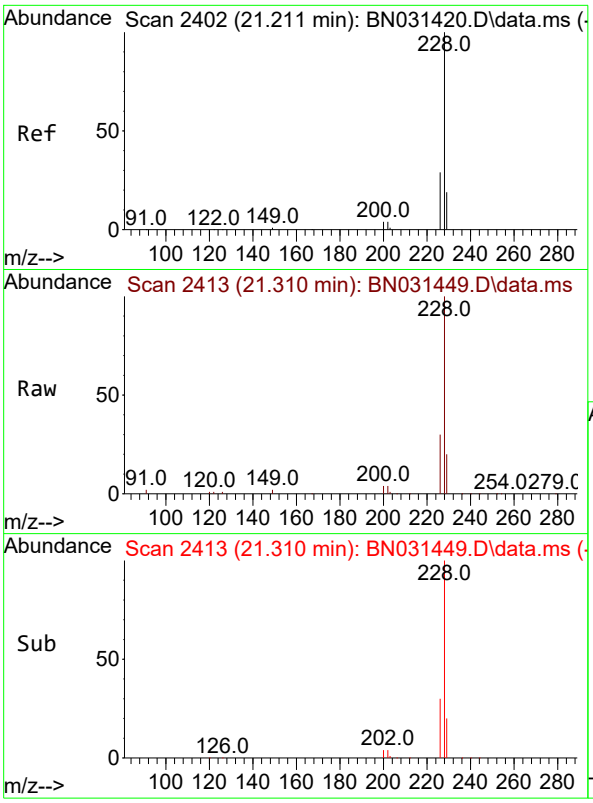


#32
Benzo(a)anthracene
Concen: 0.875 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:228 Resp: 118019

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	19.2	15.5	23.3



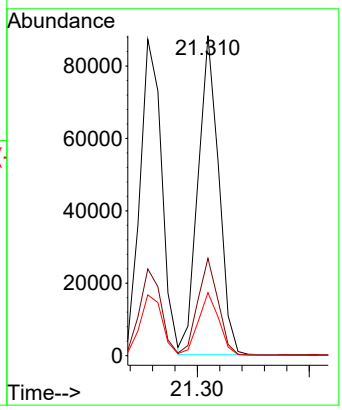


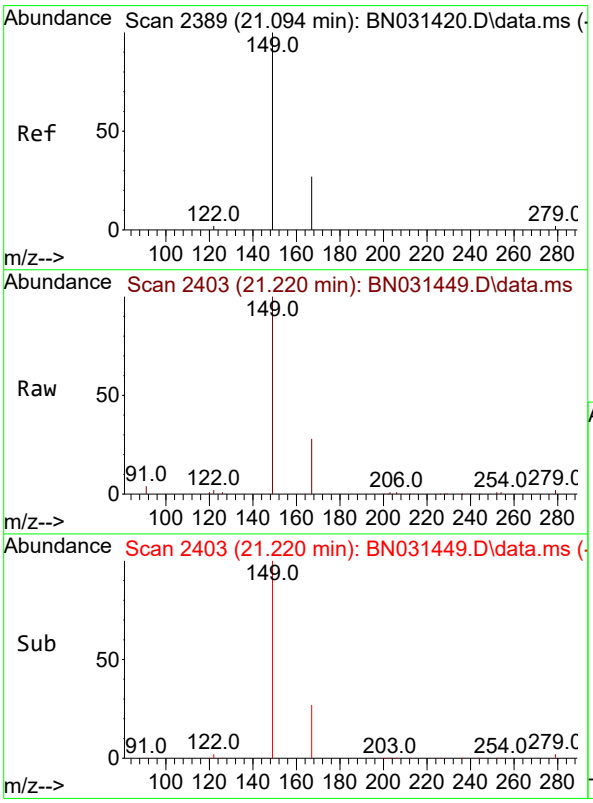
#33
Chrysene
Concen: 0.804 ng
RT: 21.310 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 112978

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	19.7	15.8	23.8

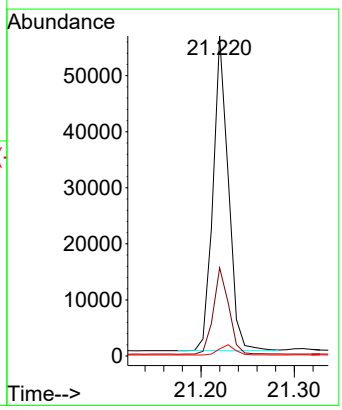


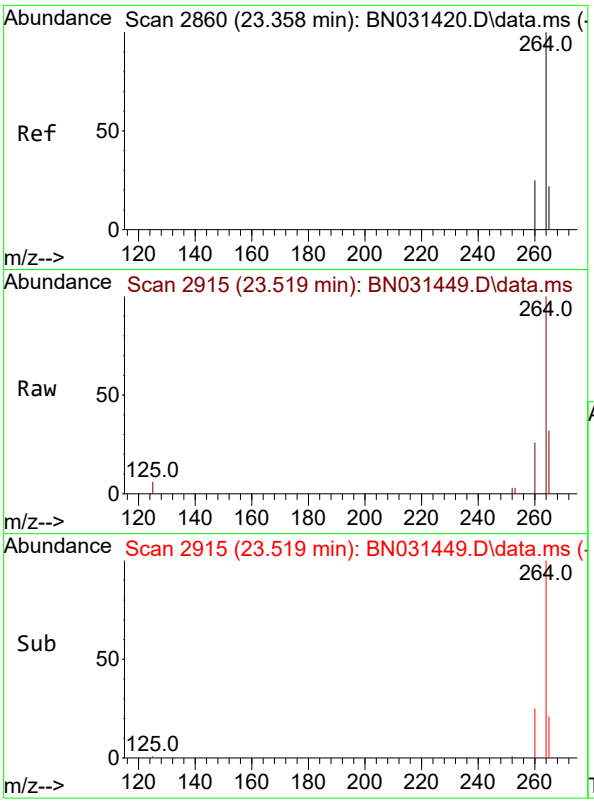


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.898 ng
RT: 21.220 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:149 Resp: 63954

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	3.4	2.7	4.1



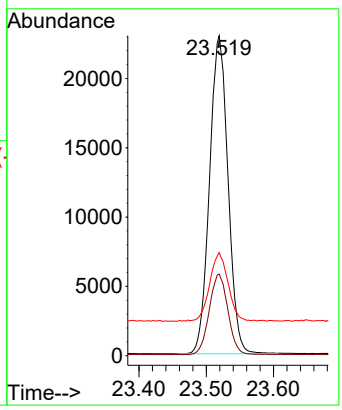


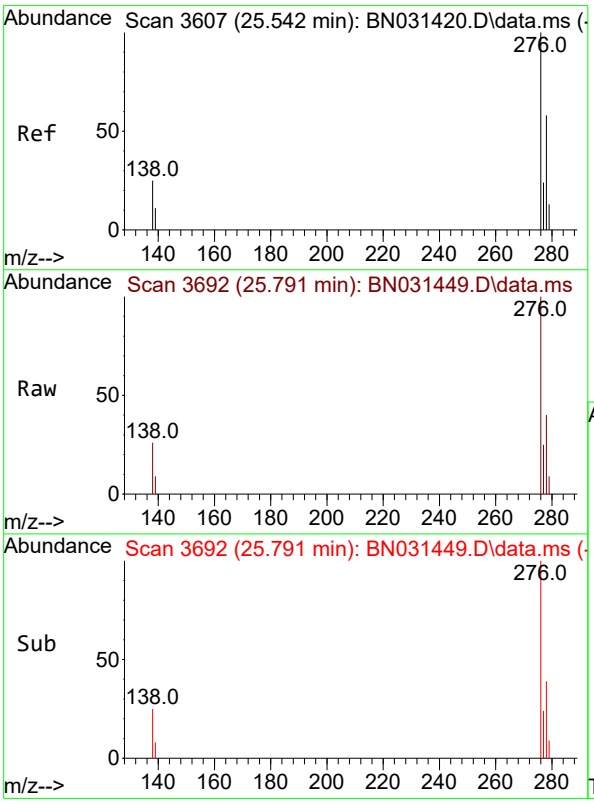
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 43919

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	31.0
265	32.2	24.0	36.0

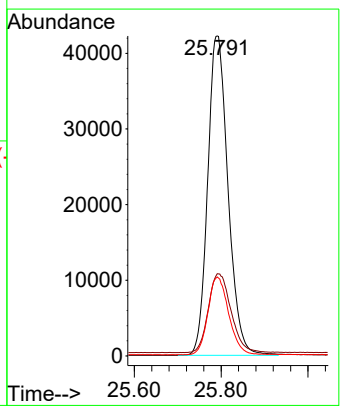


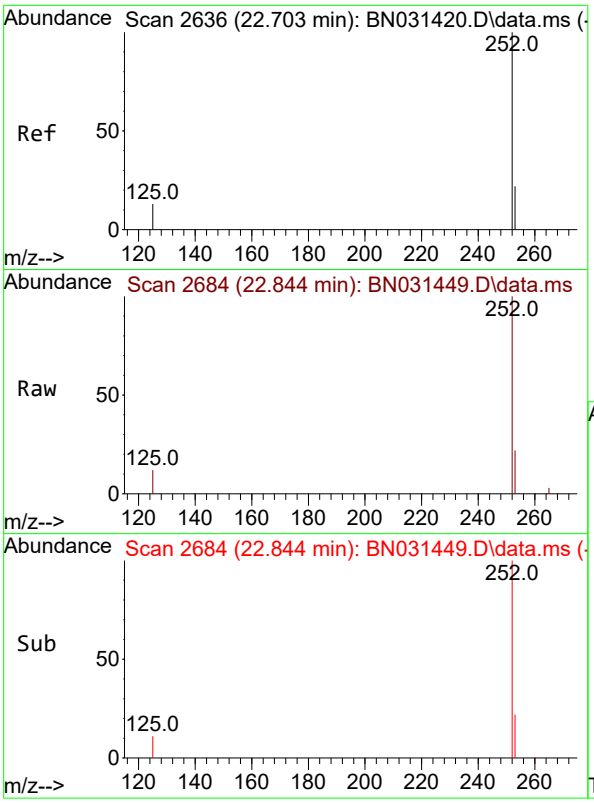


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.775 ng
RT: 25.791 min Scan# 3692
Delta R.T. -0.003 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:276 Resp: 137490

Ion	Ratio	Lower	Upper
276	100		
138	27.4	23.0	34.6
277	24.9	19.9	29.9



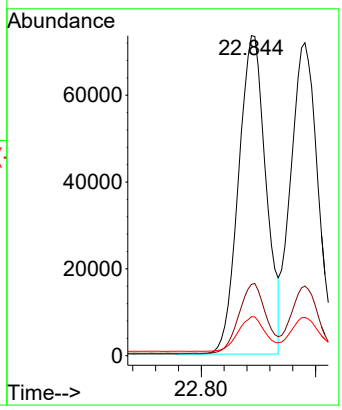


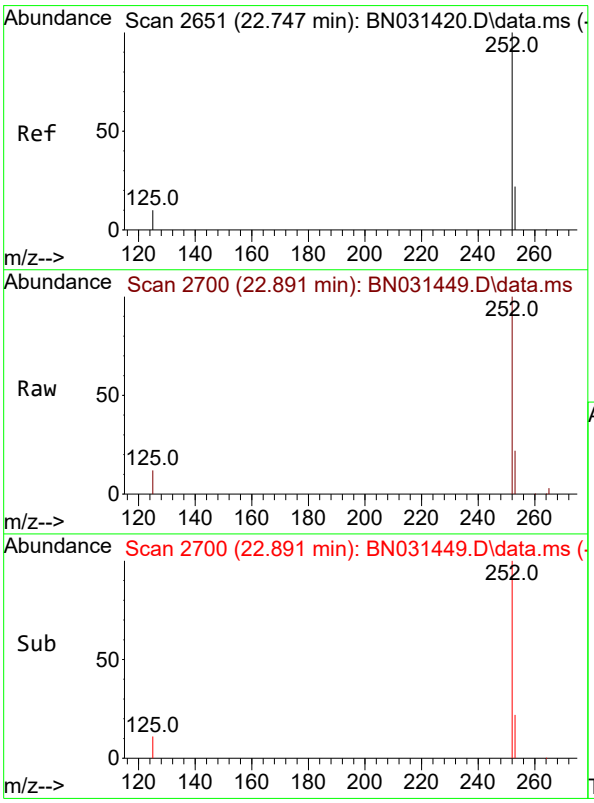
#37
Benzo(b)fluoranthene
Concen: 0.710 ng
RT: 22.844 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 122308

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.2	10.5	15.7

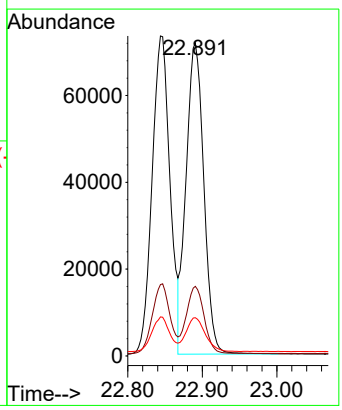


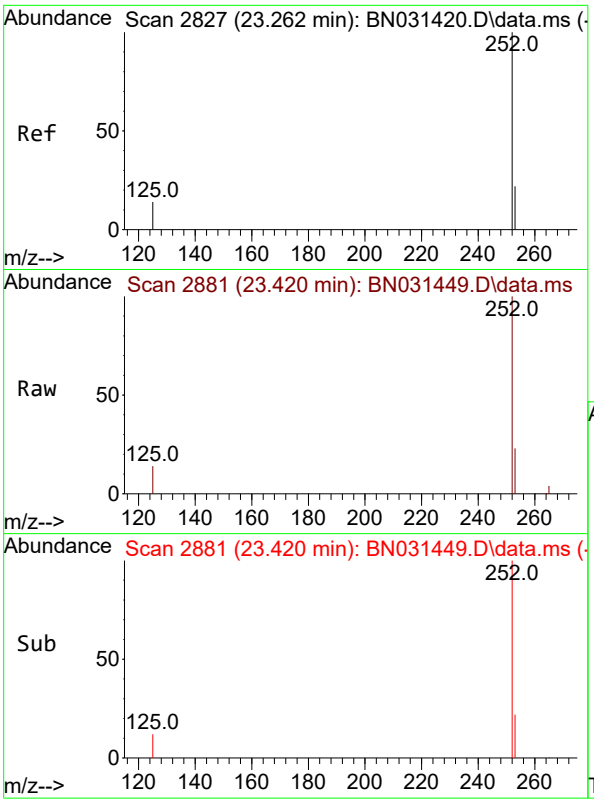


#38
Benzo(k)fluoranthene
Concen: 0.702 ng
RT: 22.891 min Scan# 2700
Delta R.T. -0.000 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:252 Resp: 118690

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	12.2	11.0	16.6



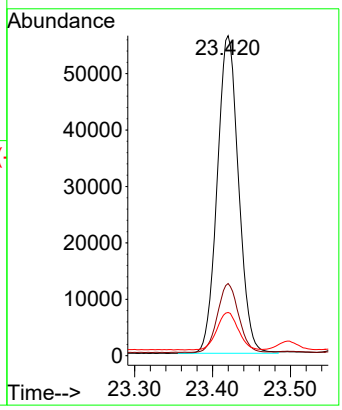


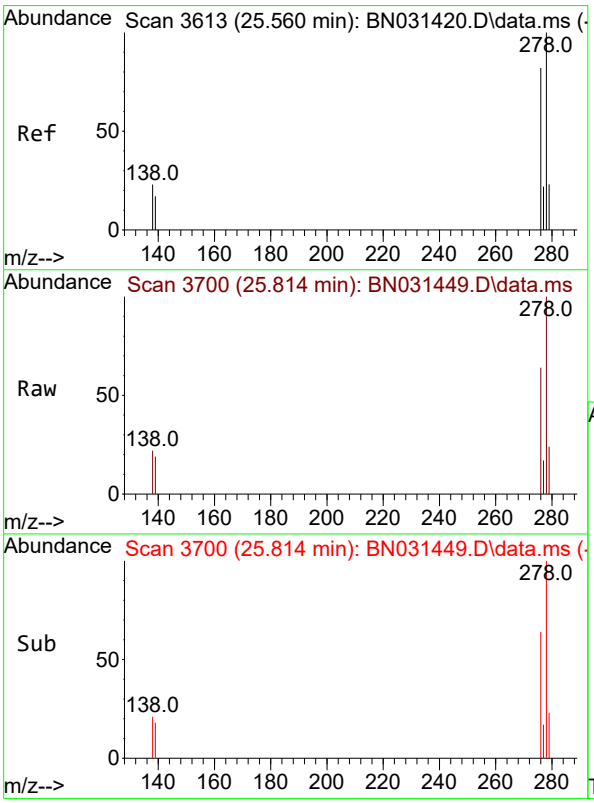
#39
Benzo(a)pyrene
Concen: 0.741 ng
RT: 23.420 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 107069

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	13.5	11.9	17.9

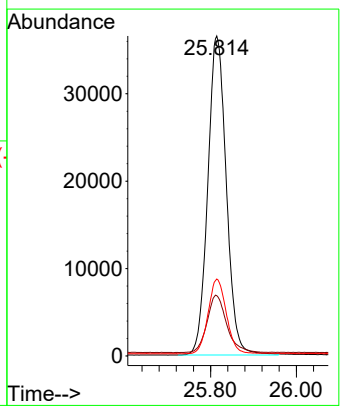


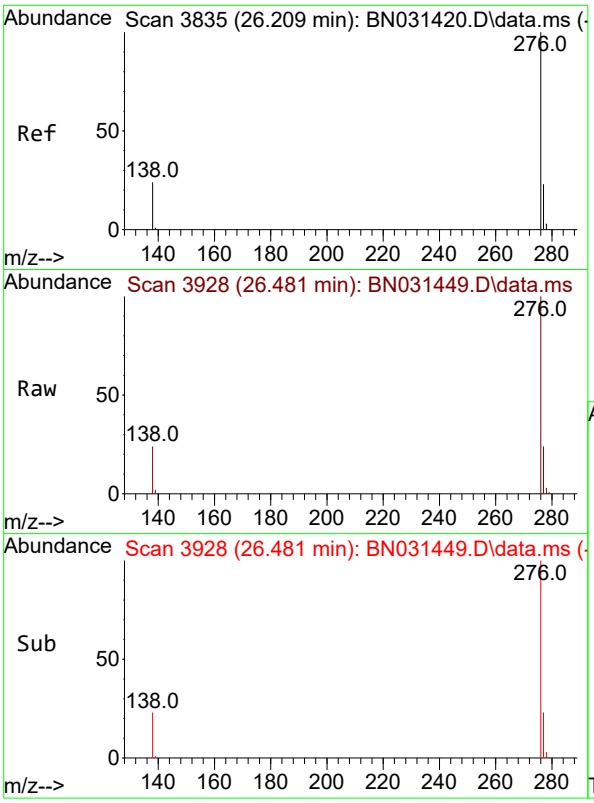


#40
Dibenzo(a,h)anthracene
Concen: 0.785 ng
RT: 25.814 min Scan# 3700
Delta R.T. -0.006 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Tgt Ion:278 Resp: 109726

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	24.1	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.825 ng
RT: 26.481 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN031449.D
Acq: 09 May 2024 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 117110

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	24.5	20.4	30.6