Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030269.D
Acq On : 05 Mar 2024 13:22
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 05 16:53:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	1384	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	3545	0.400	ng		0.00
13) Acenaphthene-d10	14.457	164	1842	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	3764	0.400	ng		0.00
29) Chrysene-d12	21.438	240	3265	0.400	ng		0.00
35) Perylene-d12	23.803	264	3697	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	766	0.211	ng		0.00
5) Phenol-d6	6.980	99	737	0.193	ng		0.00
8) Nitrobenzene-d5	8.982	82	634	0.196	ng		0.01
11) 2-Methylnaphthalene-d10	12.204	152	1038	0.202	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	188	0.198	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	1471	0.192	ng		0.00
27) Fluoranthene-d10	19.262	212	2072	0.201	ng		0.00
31) Terphenyl-d14	19.875	244	1668	0.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	364	0.203	ng	#	88
6) bis(2-Chloroethyl)ether	7.255	93	589	0.194	ng		97
9) Naphthalene	10.658	128	1987	0.201	ng	#	94
10) Hexachlorobutadiene	10.925	225	468	0.207	ng	#	99
12) 2-Methylnaphthalene	12.280	142	1206	0.197	ng		96
16) Acenaphthylene	14.179	152	1672	0.188	ng		99
17) Acenaphthene	14.522	154	1103	0.192	ng		98
18) Fluorene	15.518	166	1382	0.200	ng		97
20) 4,6-Dinitro-2-methylph...	15.617	198	128	0.164	ng	#	64
21) 4-Bromophenyl-phenylether	16.424	248	438	0.190	ng	#	71
22) Hexachlorobenzene	16.511	284	529	0.199	ng		98
23) Atrazine	16.709	200	401	0.197	ng		91
24) Pentachlorophenol	16.870	266	243	0.175	ng		96
25) Phenanthrene	17.255	178	2093	0.194	ng		99
26) Anthracene	17.355	178	1874	0.189	ng		98
28) Fluoranthene	19.294	202	2565	0.196	ng		99
30) Pyrene	19.661	202	2717	0.198	ng		100
32) Benzo(a)anthracene	21.429	228	2172	0.190	ng		97
33) Chrysene	21.483	228	2441	0.197	ng		98
34) Bis(2-ethylhexyl)phtha...	21.375	149	1964	0.215	ng		97
36) Indeno(1,2,3-cd)pyrene	26.227	276	2886	0.186	ng	#	90
37) Benzo(b)fluoranthene	23.084	252	2354	0.182	ng	#	81
38) Benzo(k)fluoranthene	23.133	252	2471	0.188	ng	#	82
39) Benzo(a)pyrene	23.695	252	2057	0.180	ng	#	78
40) Dibenzo(a,h)anthracene	26.259	278	2227	0.183	ng	#	78
41) Benzo(g,h,i)perylene	26.969	276	2664	0.190	ng	#	89

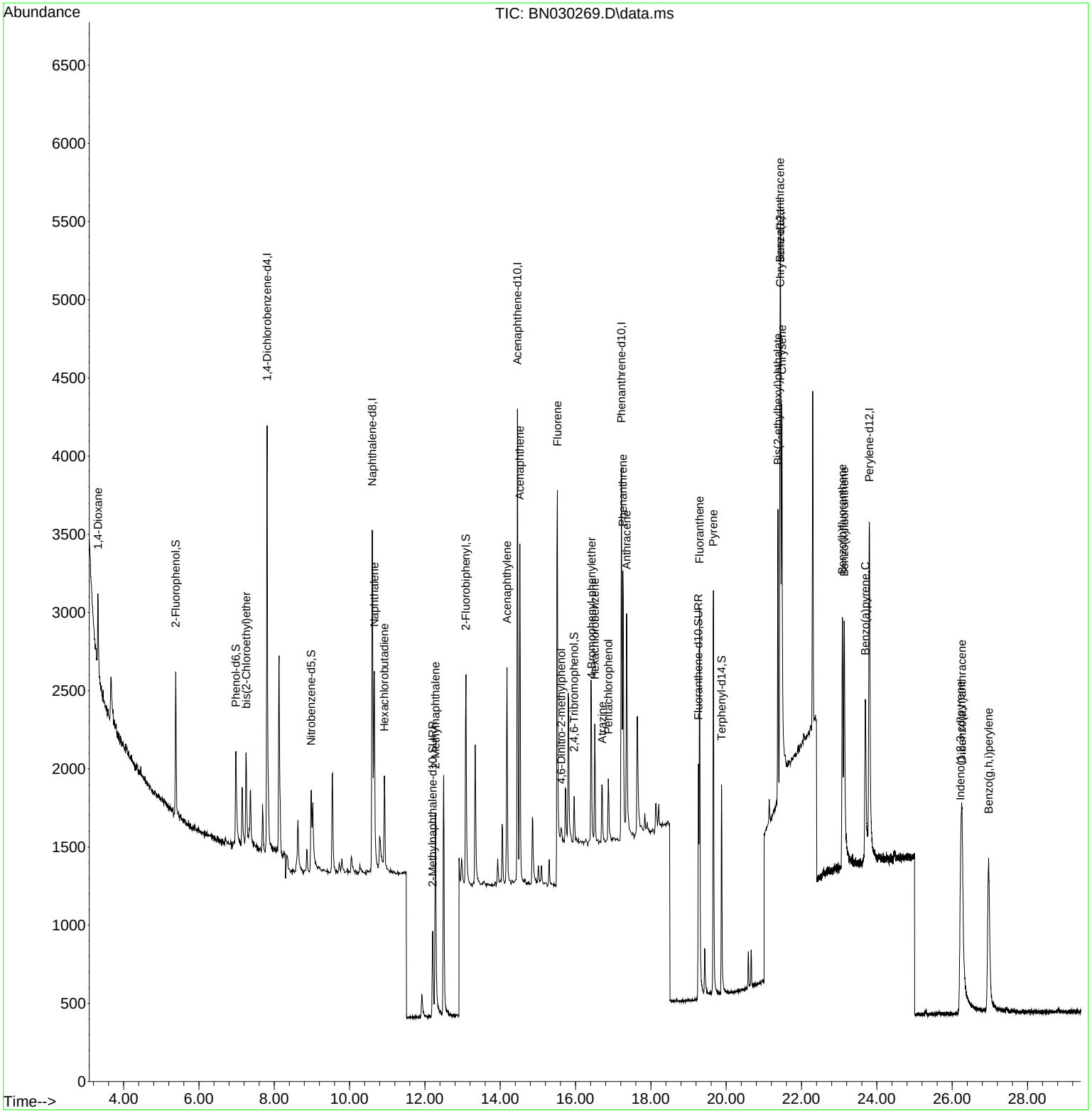
(#) = qualifier out of range (m) = manual integration (+) = signals summed

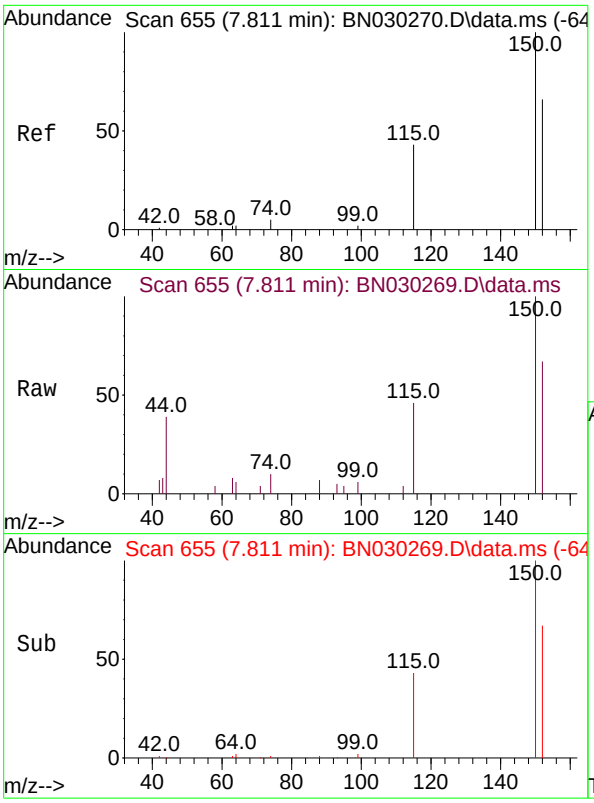
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030269.D
Acq On : 05 Mar 2024 13:22
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 05 16:53:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 16:52:50 2024
Response via : Initial Calibration



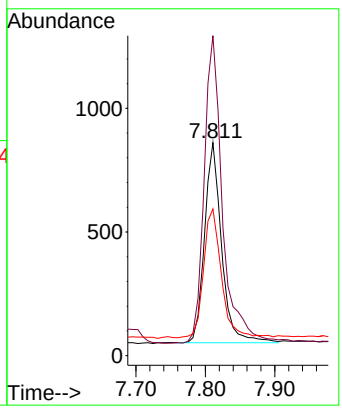


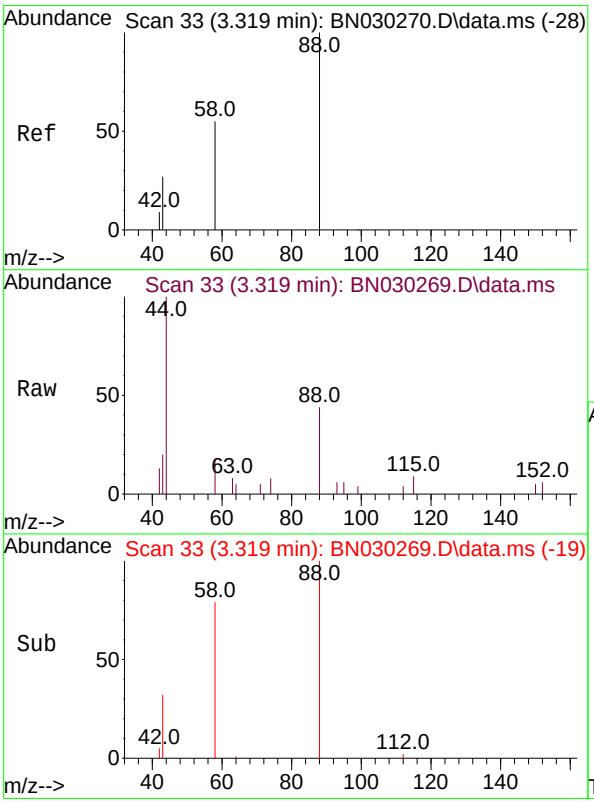
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1384

Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.4	179.0
115	68.9	56.9	85.3

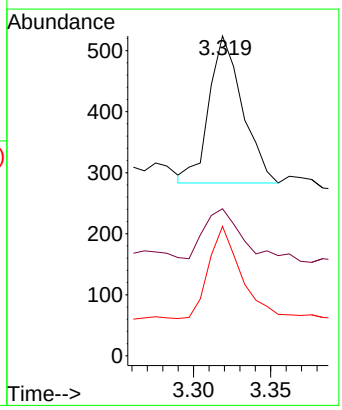


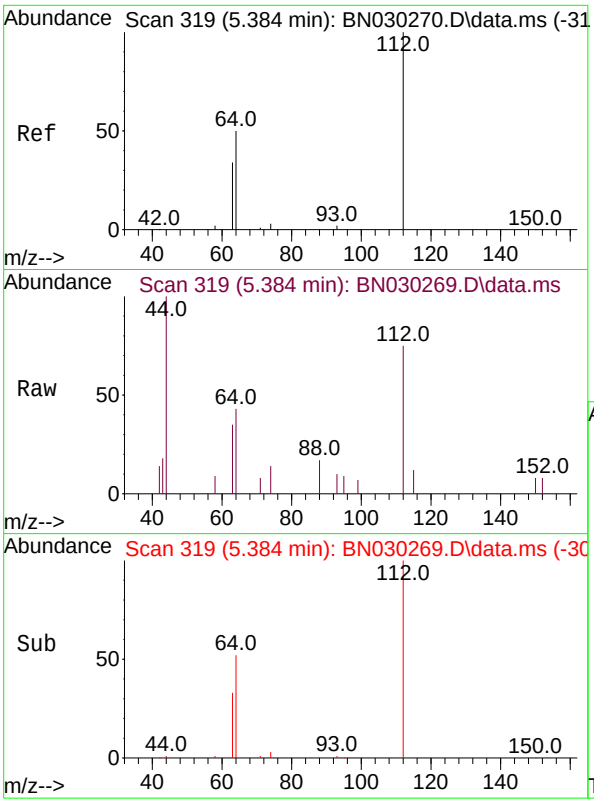


#2
1,4-Dioxane
Concen: 0.203 ng
RT: 3.319 min Scan# 33
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion: 88 Resp: 364

Ion	Ratio	Lower	Upper
88	100		
43	43.7	23.8	35.8#
58	61.5	46.2	69.4



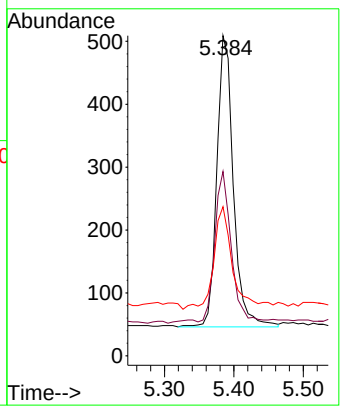


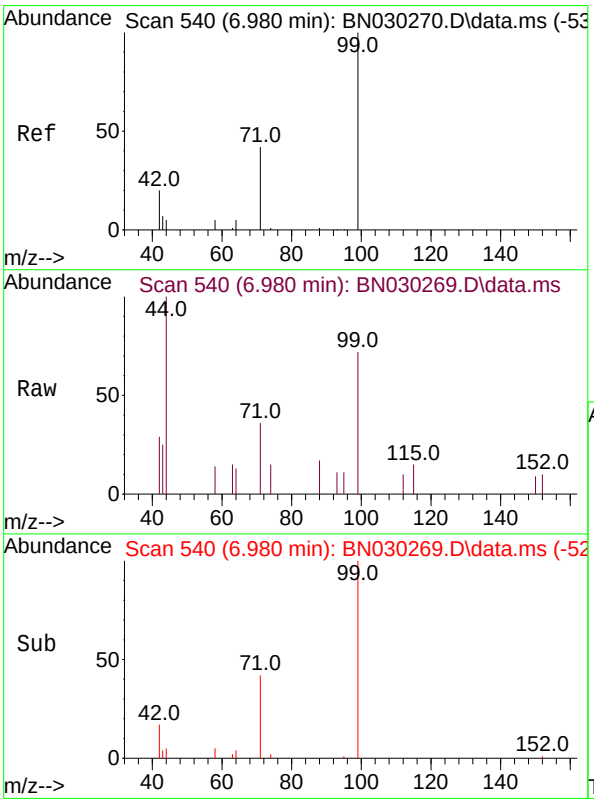
#4
2-Fluorophenol
Concen: 0.211 ng
RT: 5.384 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:112 Resp: 766

Ion	Ratio	Lower	Upper
112	100		
64	50.7	41.8	62.8
63	40.6	27.1	40.7

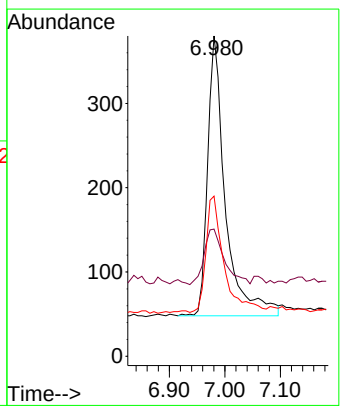


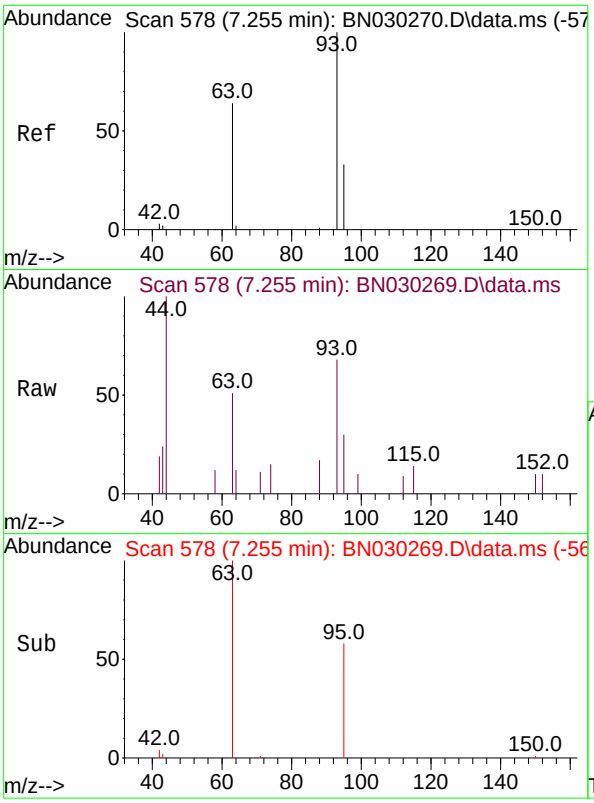


#5
Phenol-d6
Concen: 0.193 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion: 99 Resp: 737

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.0	28.6
71	42.2	36.0	54.0



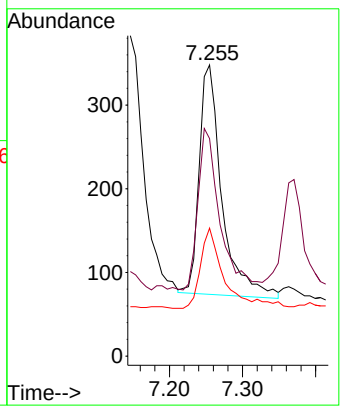


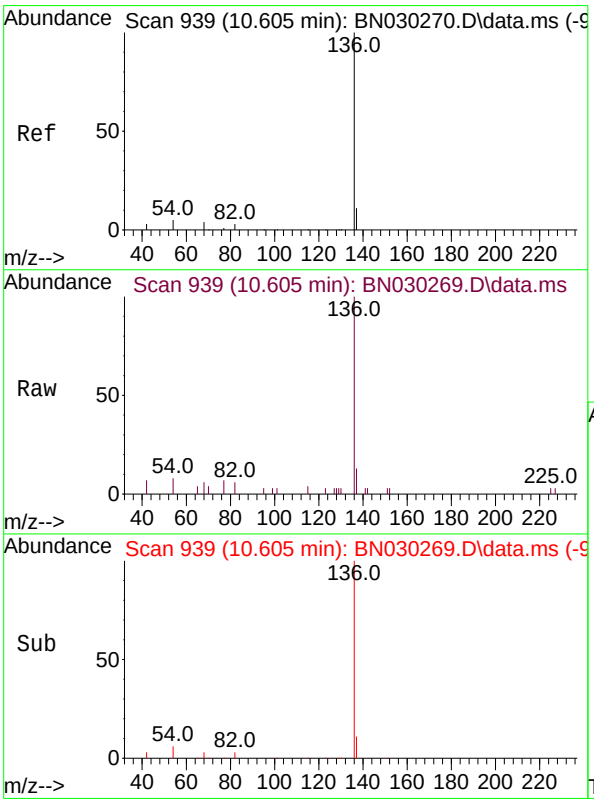
#6
bis(2-Chloroethyl)ether
Concen: 0.194 ng
RT: 7.255 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 93 Resp: 589

Ion	Ratio	Lower	Upper
93	100		
63	68.6	57.7	86.5
95	37.0	28.6	43.0

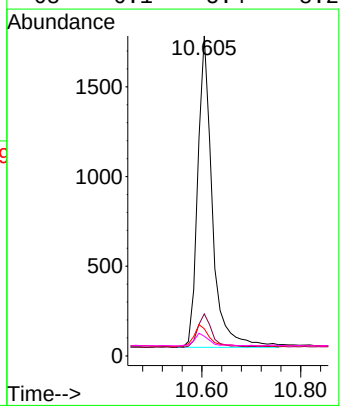


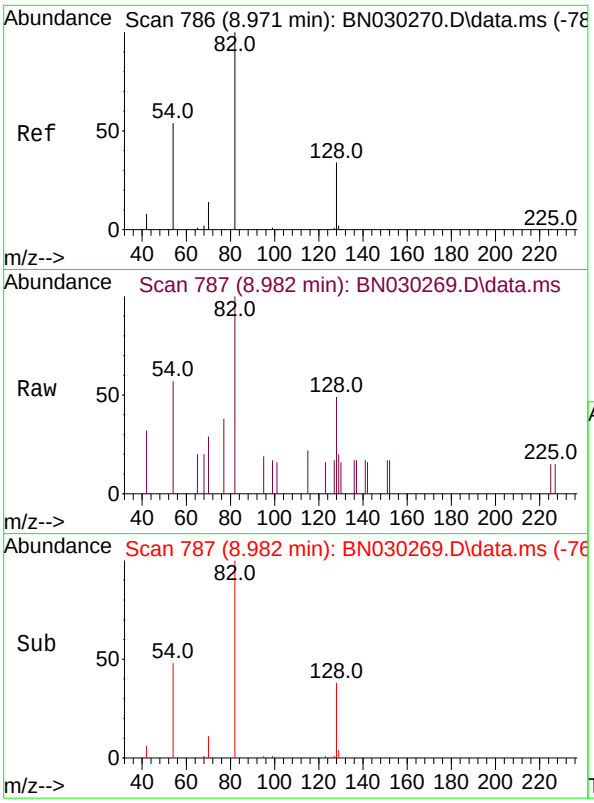


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:136 Resp: 3545

Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.5	15.7
54	8.5	6.4	9.6
68	6.1	5.4	8.2



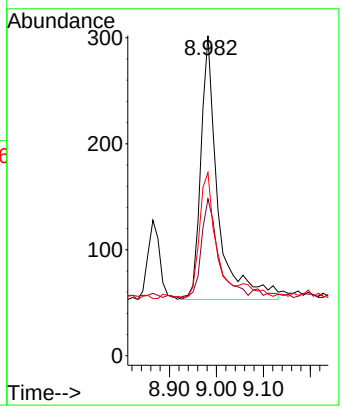


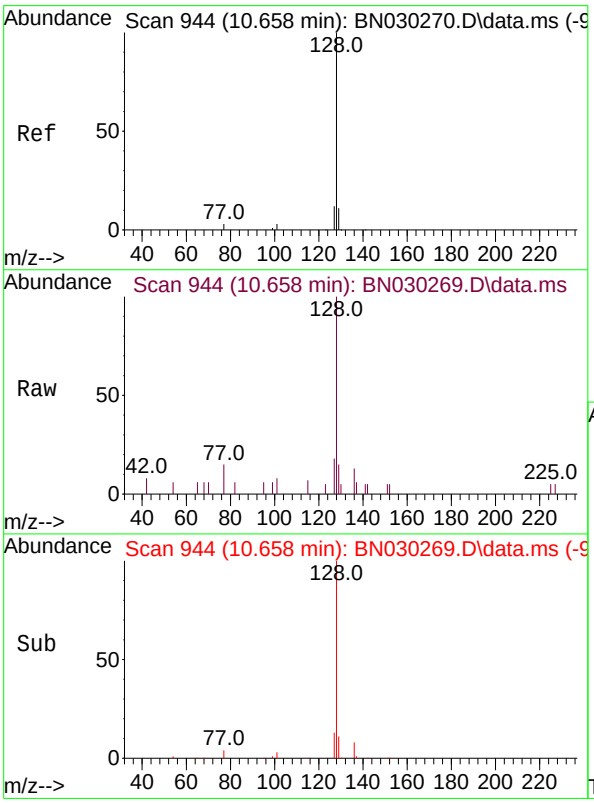
#8
Nitrobenzene-d5
Concen: 0.196 ng
RT: 8.982 min Scan# 78
Delta R.T. 0.011 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 82 Resp: 634

Ion	Ratio	Lower	Upper
82	100		
128	49.0	32.2	48.2#
54	57.3	47.3	70.9

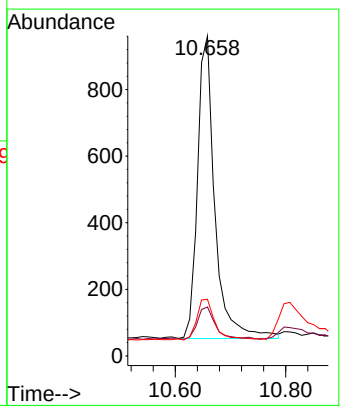


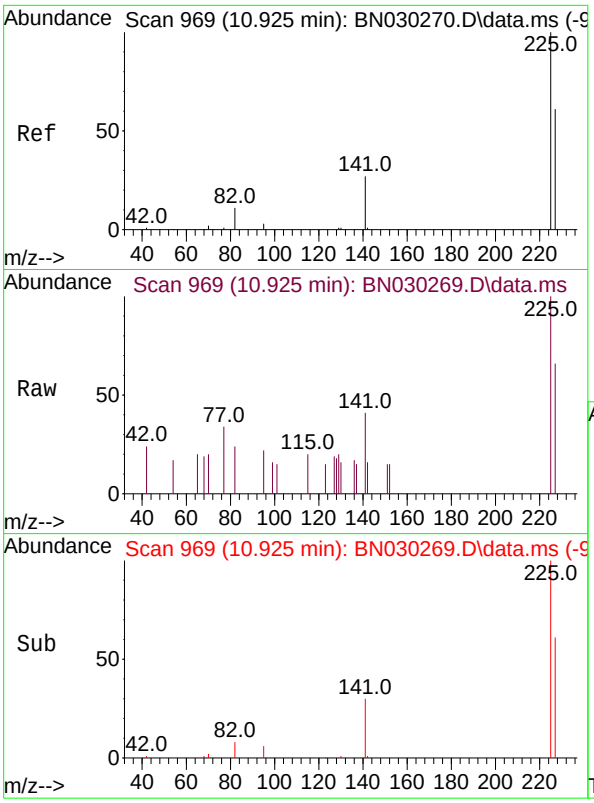


#9
Naphthalene
Concen: 0.201 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:128 Resp: 1987

Ion	Ratio	Lower	Upper
128	100		
129	15.3	10.8	16.2
127	17.7	11.7	17.5#



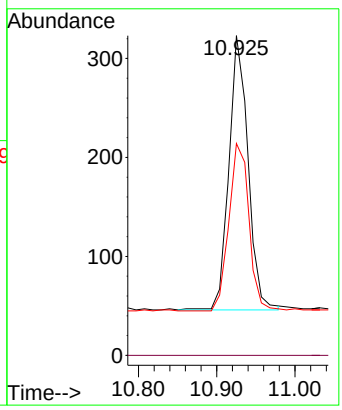


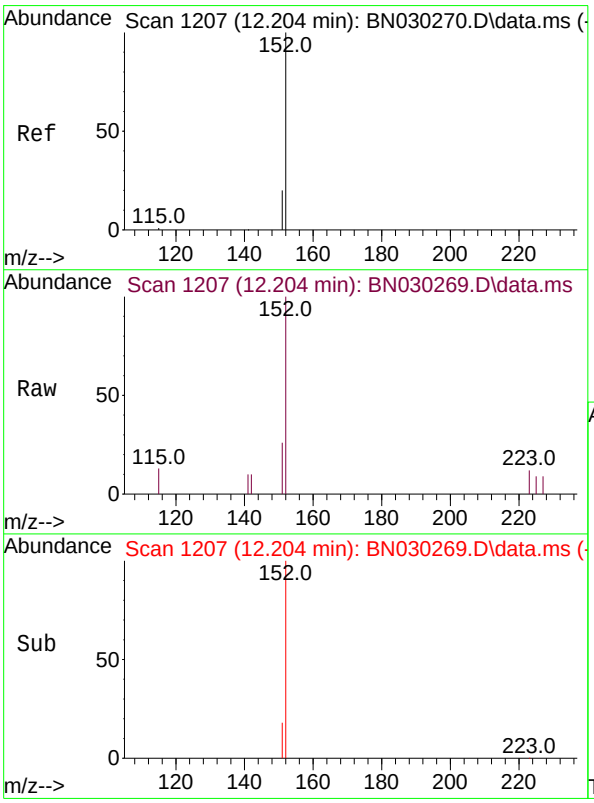
#10
Hexachlorobutadiene
Concen: 0.207 ng
RT: 10.925 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:225 Resp: 468

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	50.6	76.0

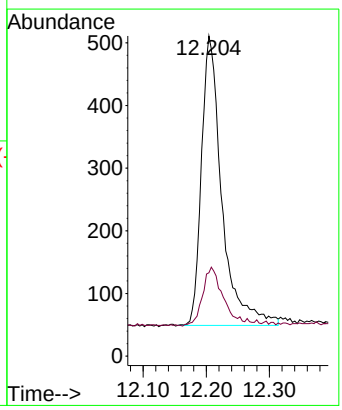


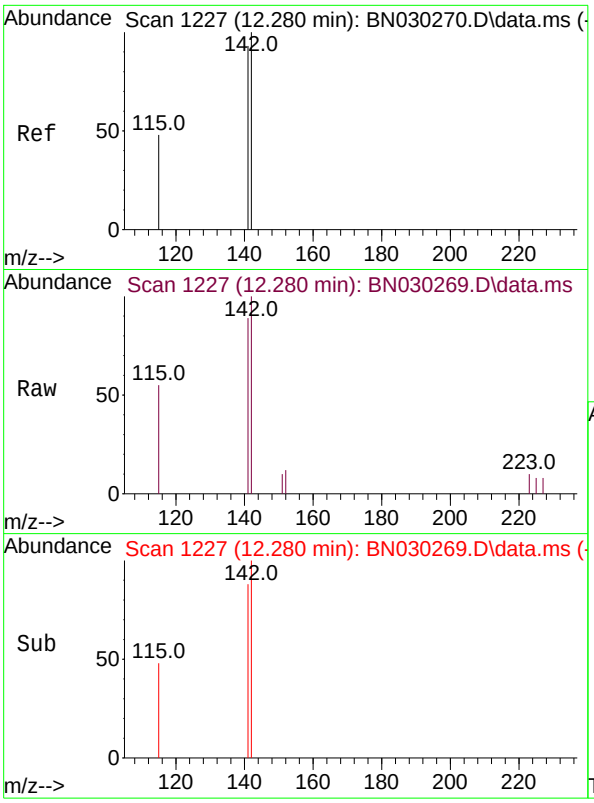


#11
2-Methylnaphthalene-d10
Concen: 0.202 ng
RT: 12.204 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:152 Resp: 1038

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1



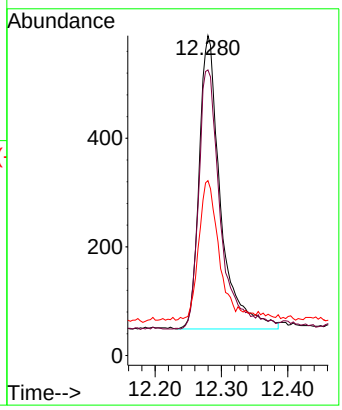


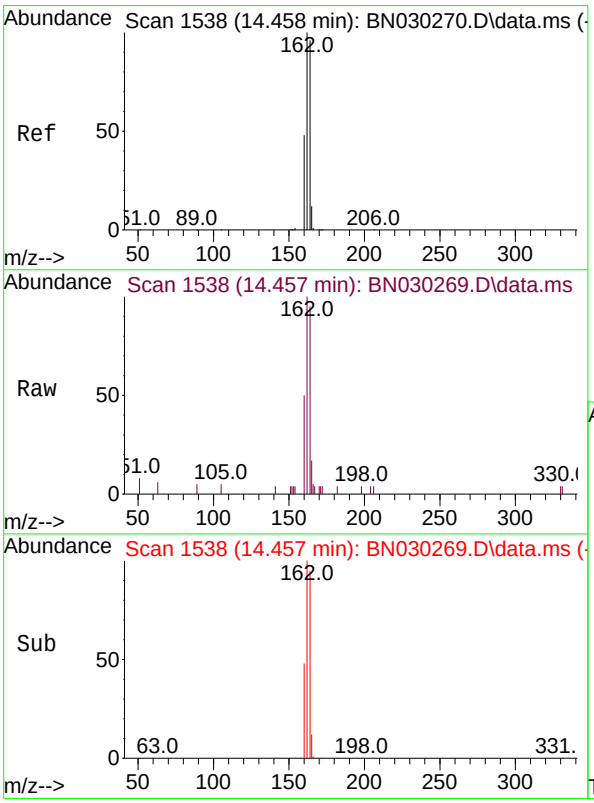
#12
2-Methylnaphthalene
Concen: 0.197 ng
RT: 12.280 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 1206

Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.2	111.4
115	54.7	40.7	61.1

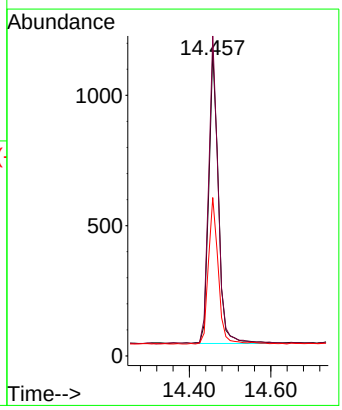


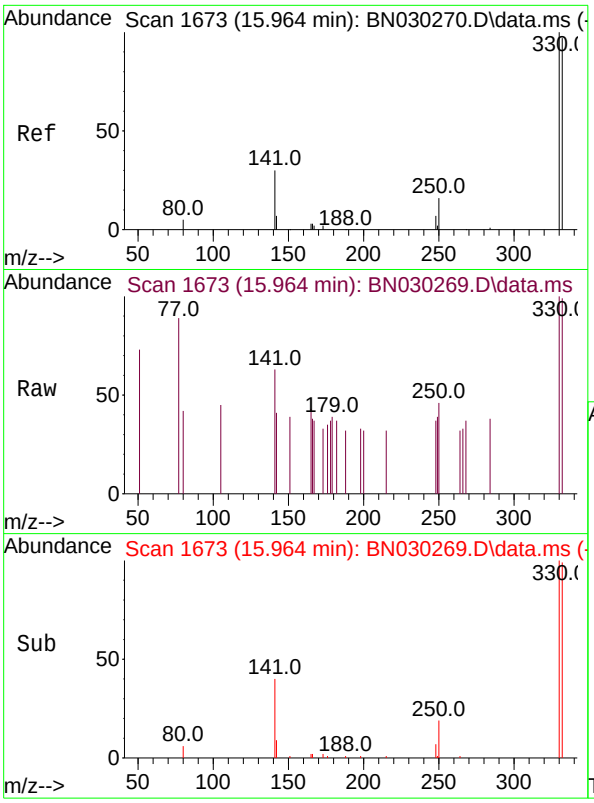


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.457 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:164 Resp: 1842

Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.4	125.2
160	52.0	41.7	62.5



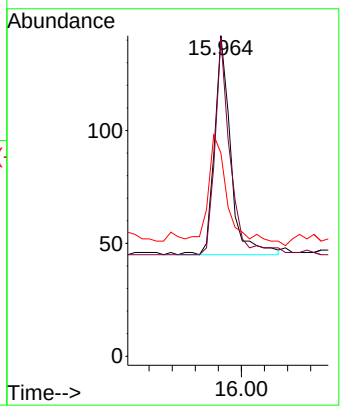


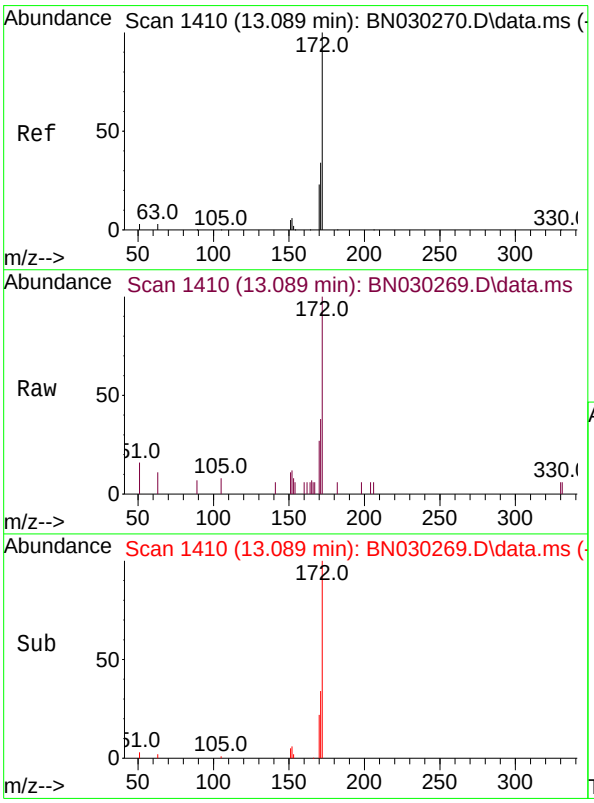
#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.964 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 188

Ion	Ratio	Lower	Upper
330	100		
332	92.6	72.6	108.8
141	53.2	41.3	61.9

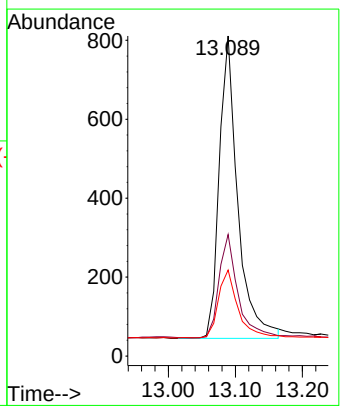


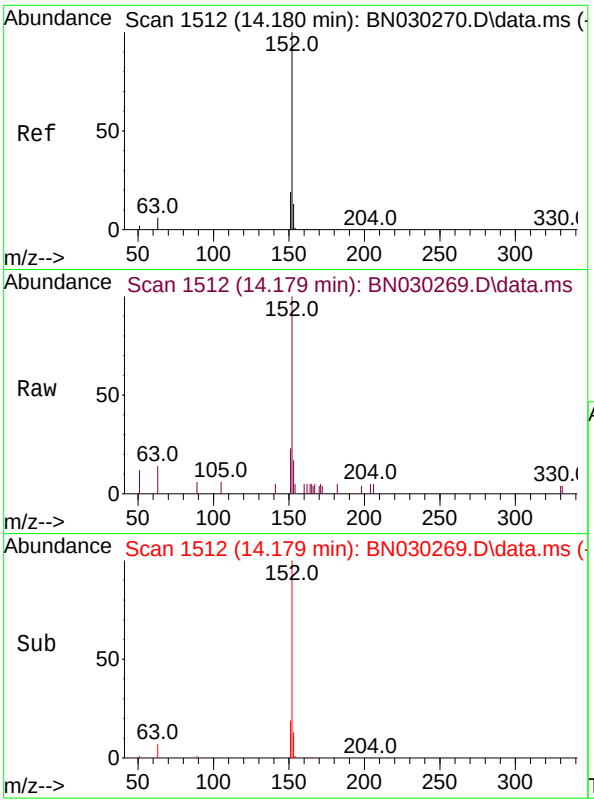


#15
2-Fluorobiphenyl
Concen: 0.192 ng
RT: 13.089 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:172 Resp: 1471

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.0	43.4
170	26.9	20.2	30.2



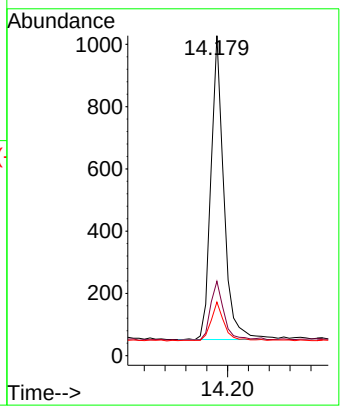


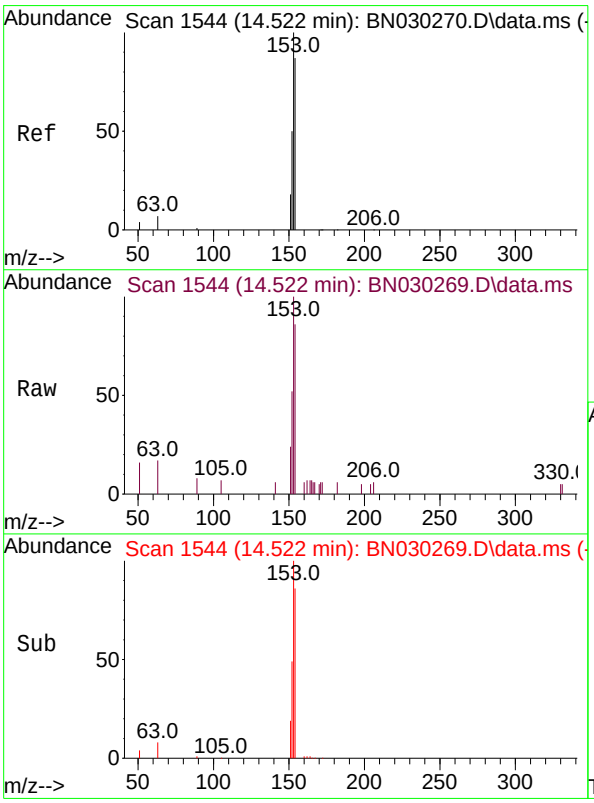
#16
Acenaphthylene
Concen: 0.188 ng
RT: 14.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1672

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.2	10.3	15.5

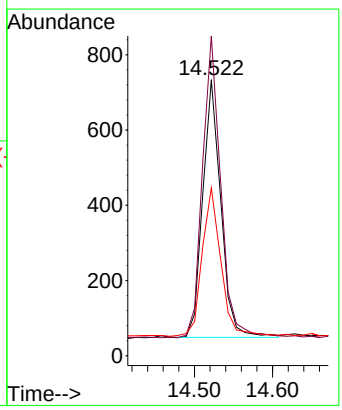


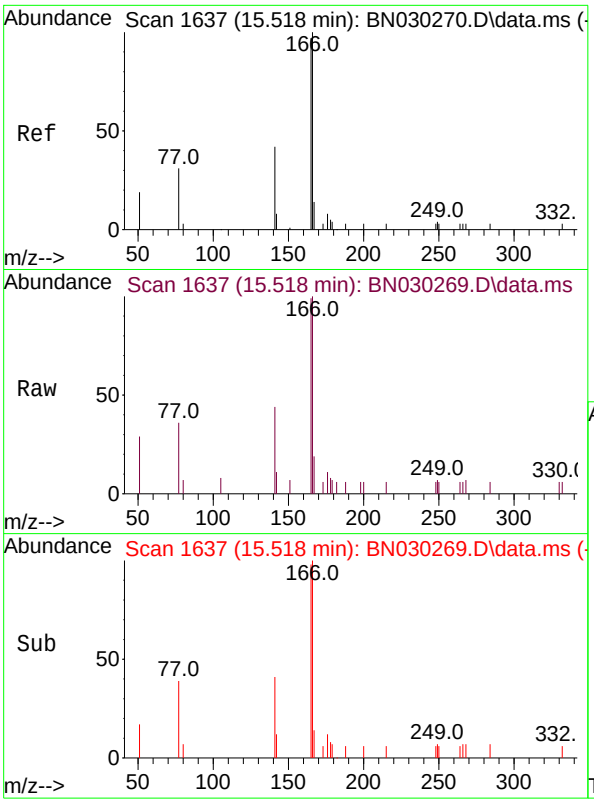


#17
Acenaphthene
Concen: 0.192 ng
RT: 14.522 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:154 Resp: 1103

Ion	Ratio	Lower	Upper
154	100		
153	119.2	92.9	139.3
152	59.8	47.3	70.9



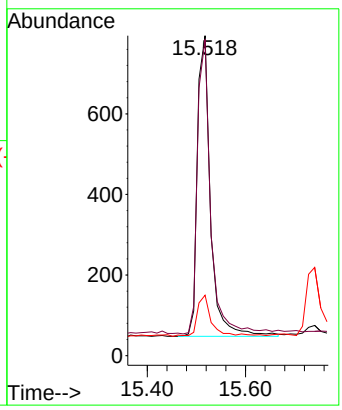


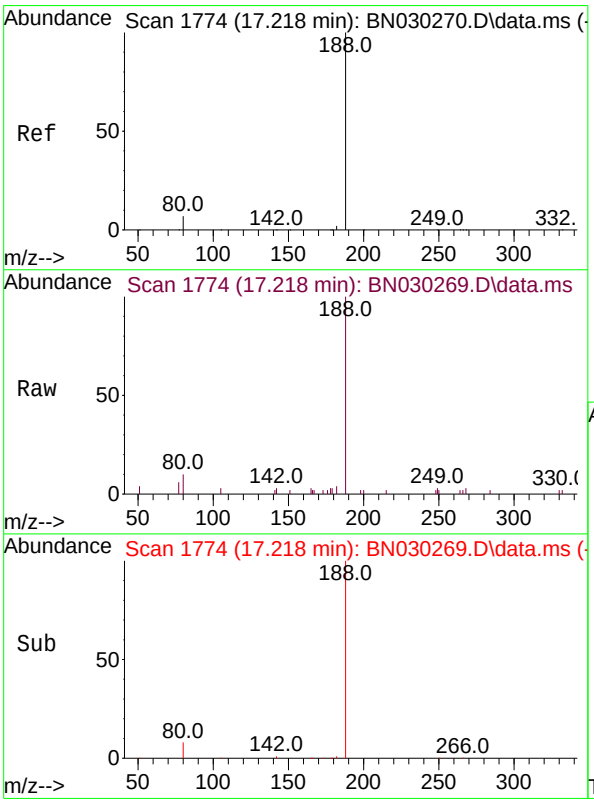
#18
Fluorene
Concen: 0.200 ng
RT: 15.518 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 1382

Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.9	119.9
167	14.9	11.0	16.4

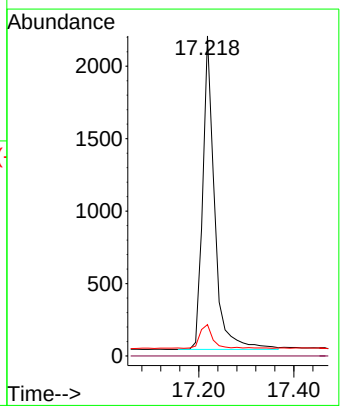


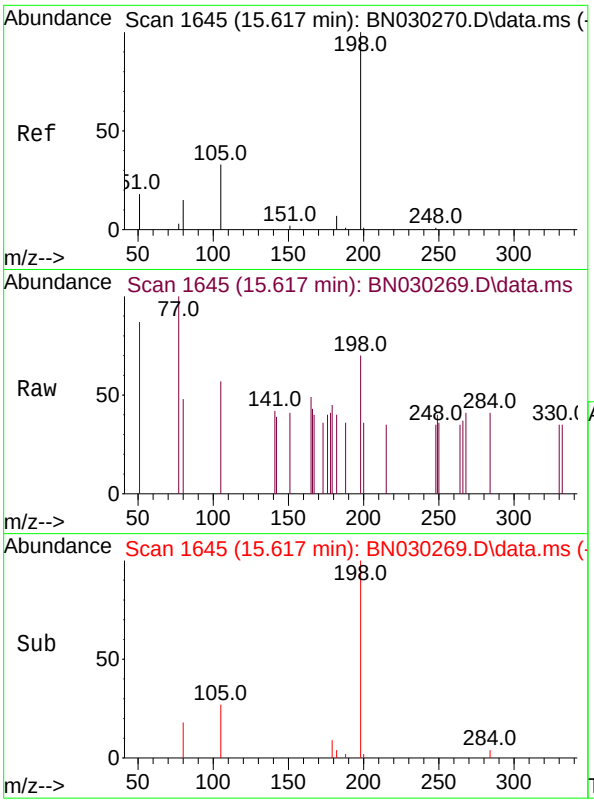


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:188 Resp: 3764

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.8	11.6



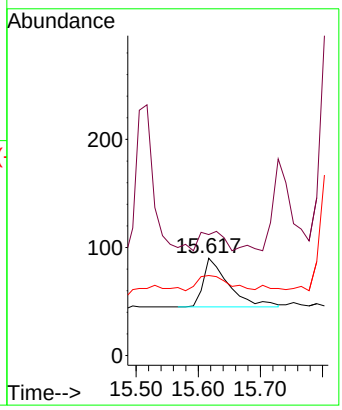


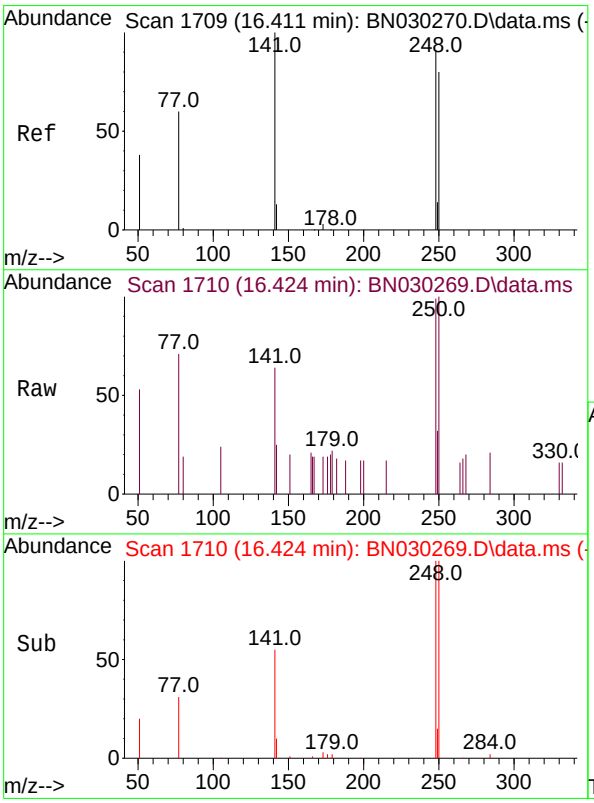
#20
4,6-Dinitro-2-methylphenol
Concen: 0.164 ng
RT: 15.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:198 Resp: 128

Ion	Ratio	Lower	Upper
198	100		
51	124.4	67.4	101.2#
105	82.2	50.8	76.2#

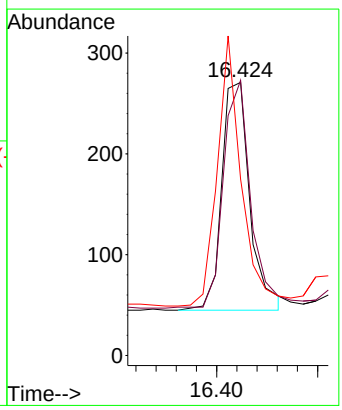


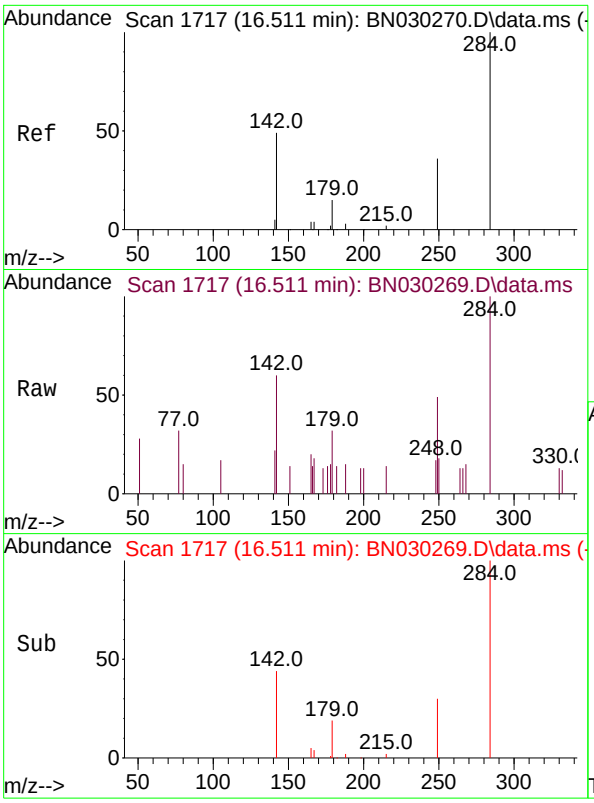


#21
4-Bromophenyl-phenylether
Concen: 0.190 ng
RT: 16.424 min Scan# 1710
Delta R.T. 0.012 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:248 Resp: 438

Ion	Ratio	Lower	Upper
248	100		
250	100.7	71.3	106.9
141	64.6	88.0	132.0#



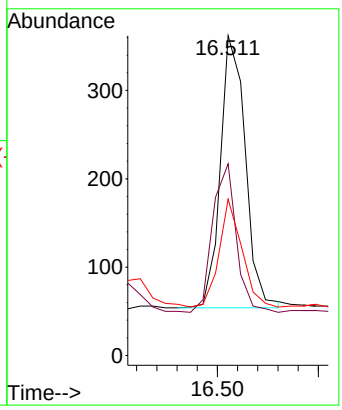


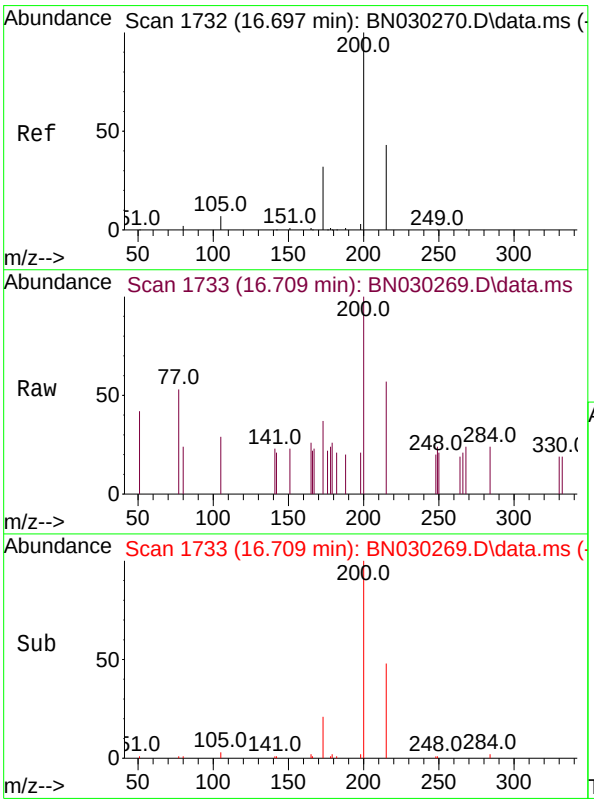
#22
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 529

Ion	Ratio	Lower	Upper
284	100		
142	51.6	41.0	61.6
249	36.1	27.4	41.2

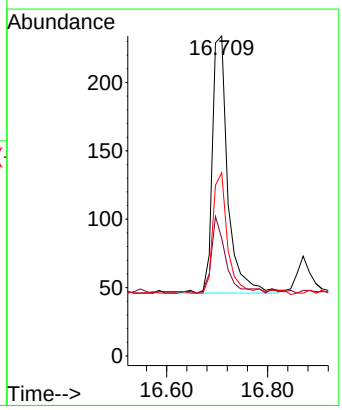


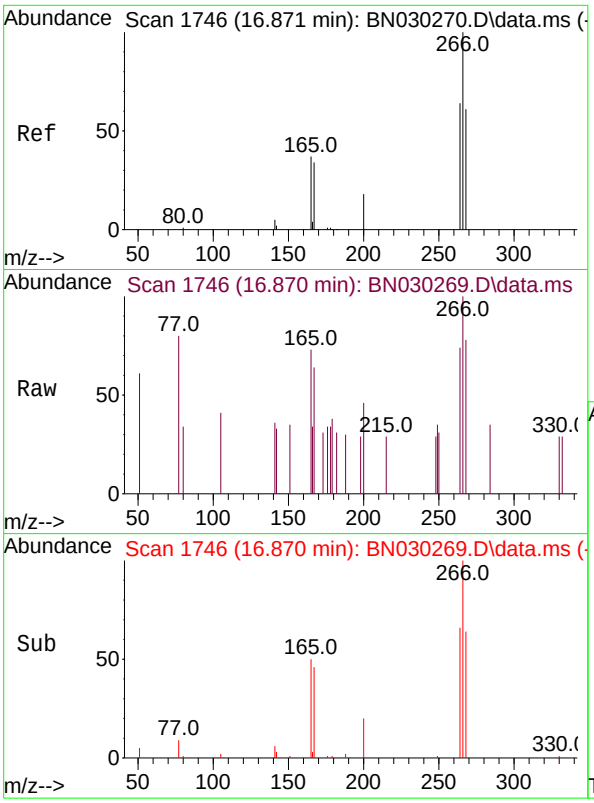


#23
Atrazine
Concen: 0.197 ng
RT: 16.709 min Scan# 1733
Delta R.T. 0.012 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:200 Resp: 401

Ion	Ratio	Lower	Upper
200	100		
173	36.8	30.8	46.2
215	57.3	38.7	58.1



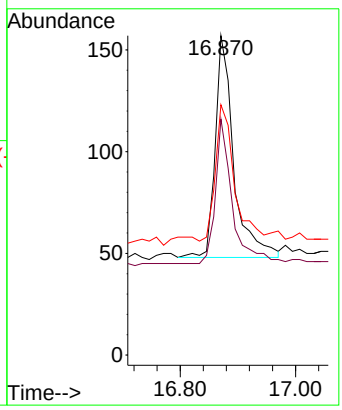


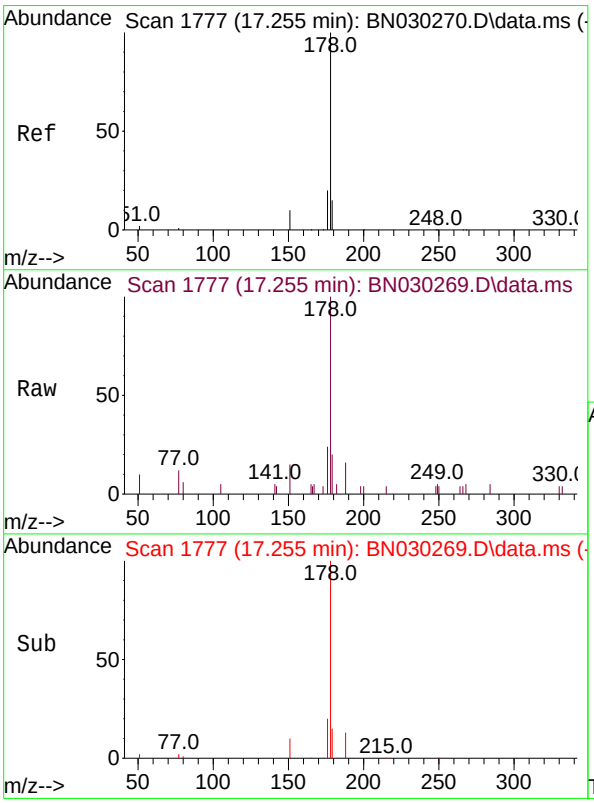
#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 243

Ion	Ratio	Lower	Upper
266	100		
264	59.3	49.1	73.7
268	65.8	49.2	73.8

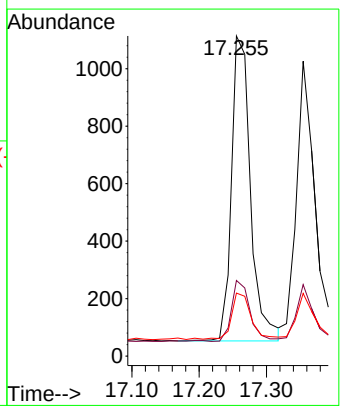


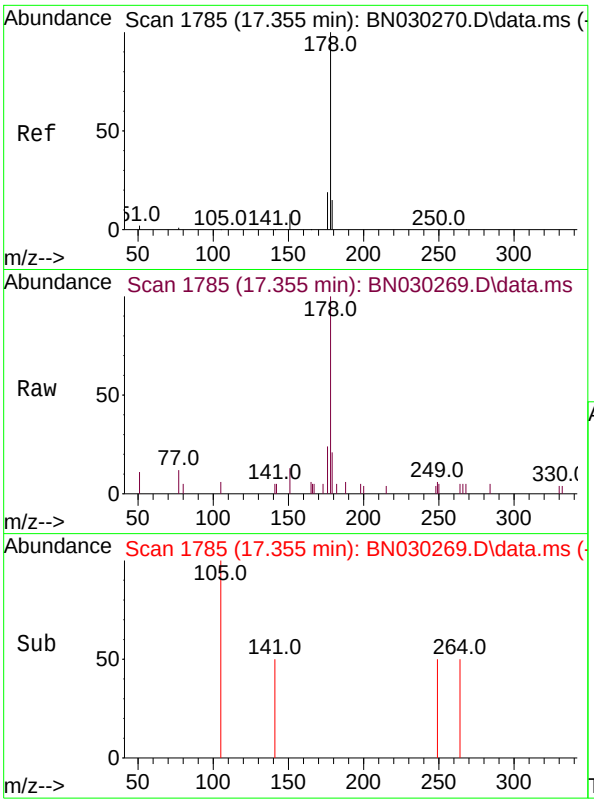


#25
Phenanthrene
Concen: 0.194 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:178 Resp: 2093

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	15.3	12.4	18.6



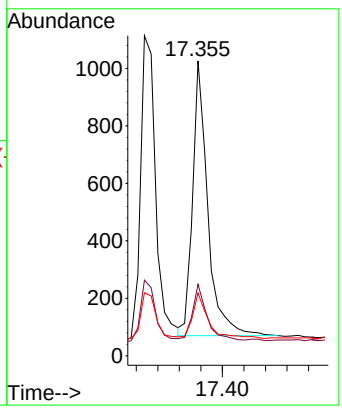


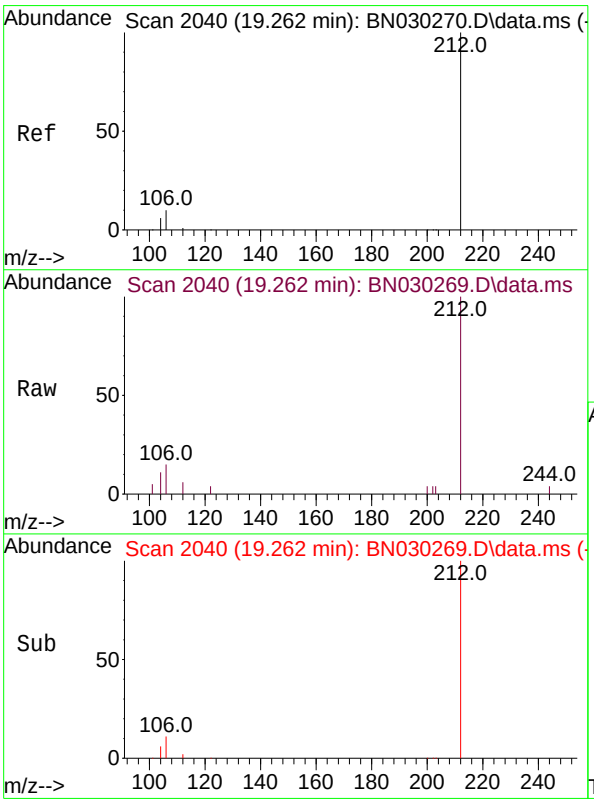
#26
Anthracene
Concen: 0.189 ng
RT: 17.355 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 1874

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	17.1	12.5	18.7

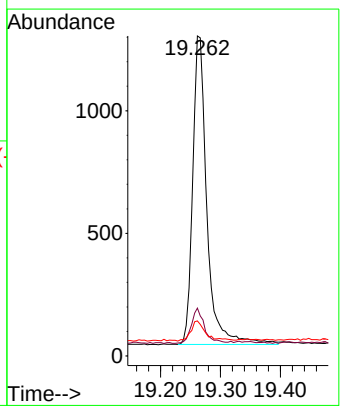


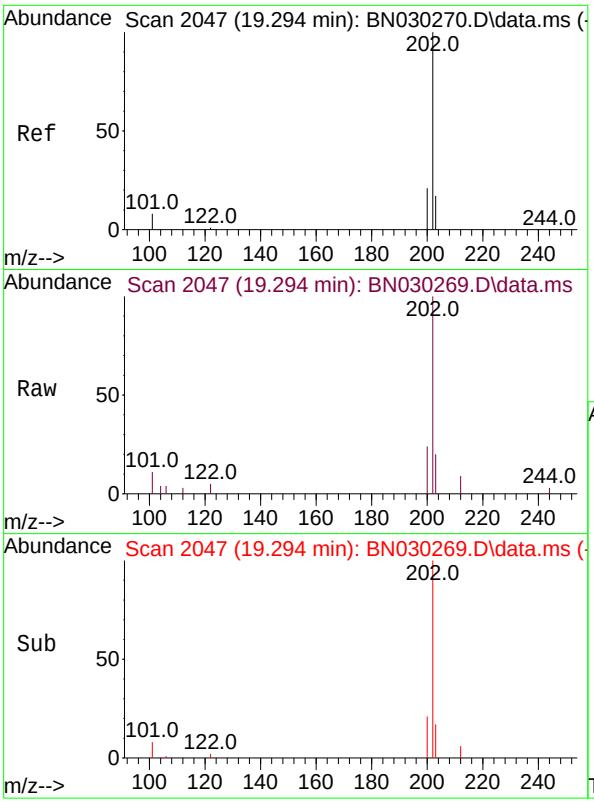


#27
Fluoranthene-d10
Concen: 0.201 ng
RT: 19.262 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:212 Resp: 2072

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.4
104	6.2	4.7	7.1



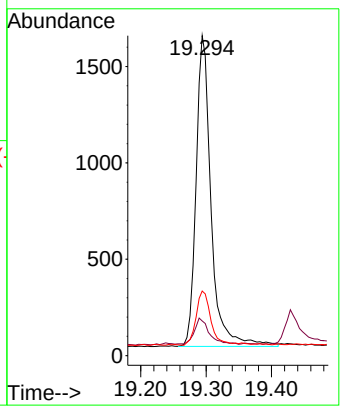


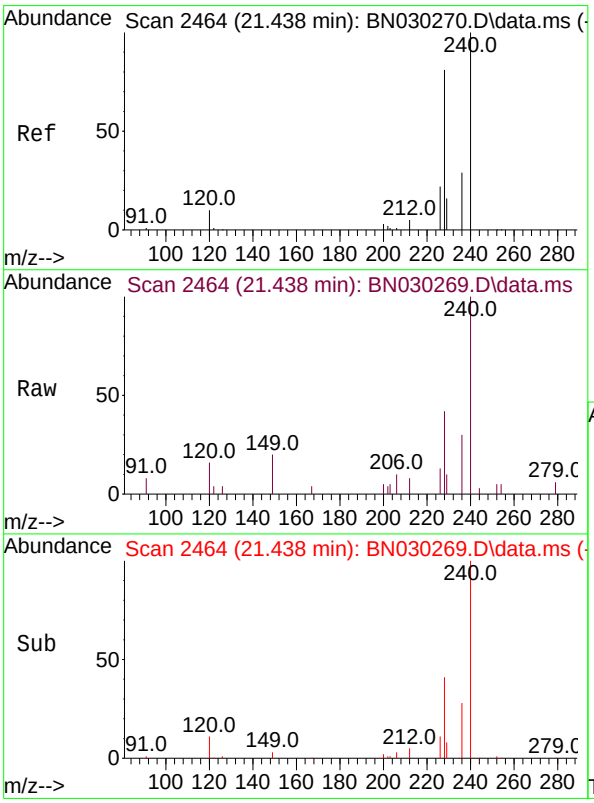
#28
Fluoranthene
Concen: 0.196 ng
RT: 19.294 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 2565

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.3	9.5
203	17.0	13.4	20.0

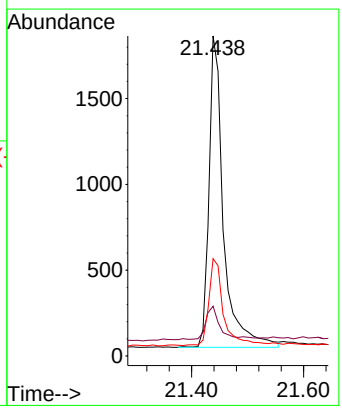


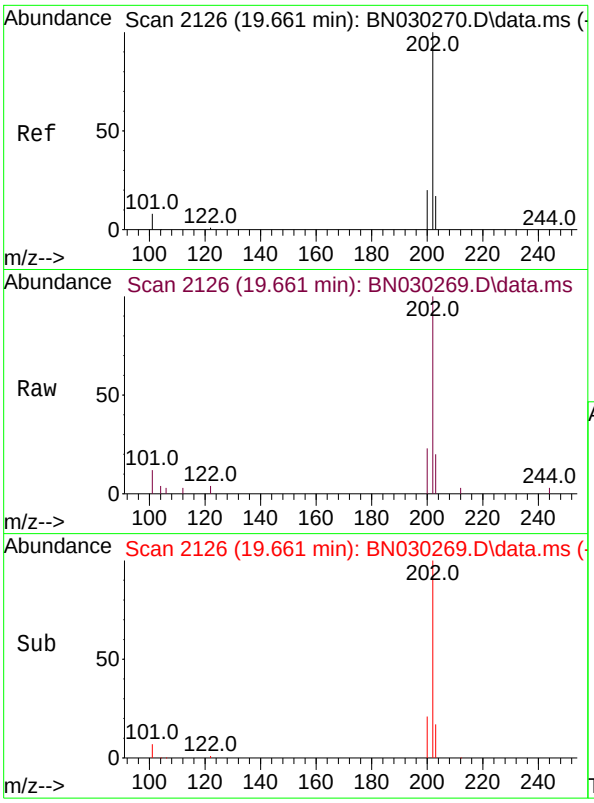


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 2464
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:240 Resp: 3265

Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.2	18.2
236	30.4	25.2	37.8



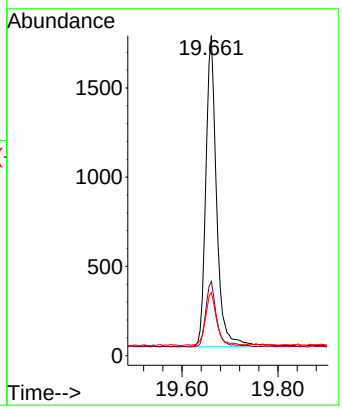


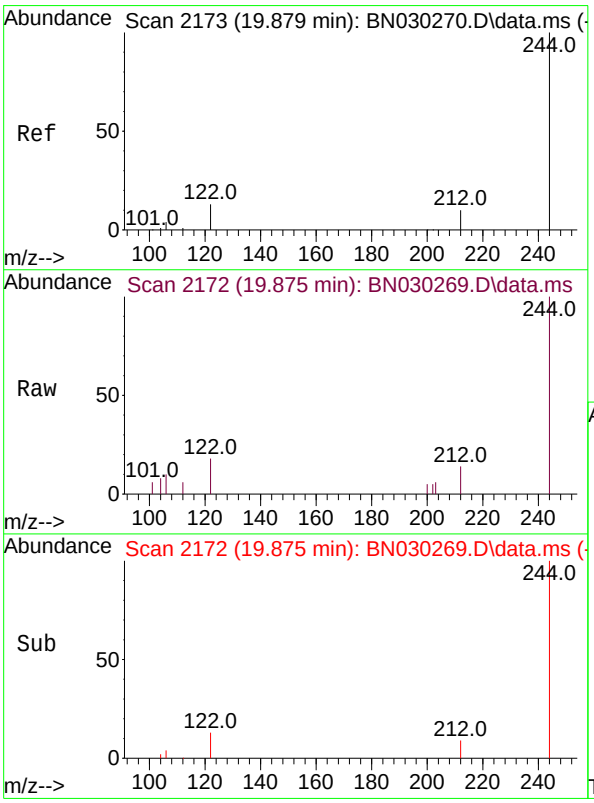
#30
Pyrene
Concen: 0.198 ng
RT: 19.661 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 2717

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.4	14.1	21.1

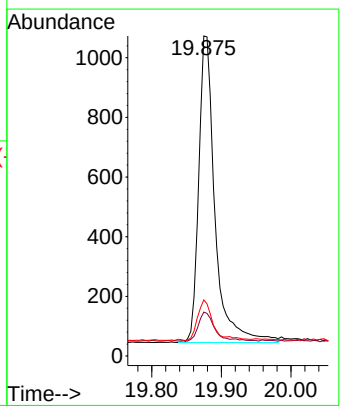


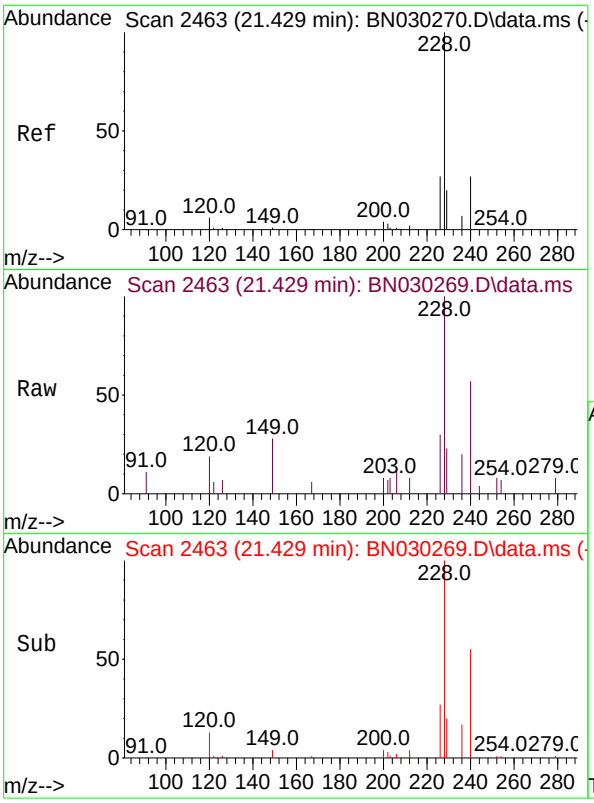


#31
Terphenyl-d14
Concen: 0.197 ng
RT: 19.875 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:244 Resp: 1668

Ion	Ratio	Lower	Upper
244	100		
212	13.7	9.5	14.3
122	17.5	11.8	17.6



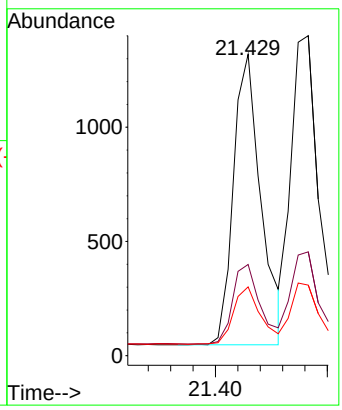


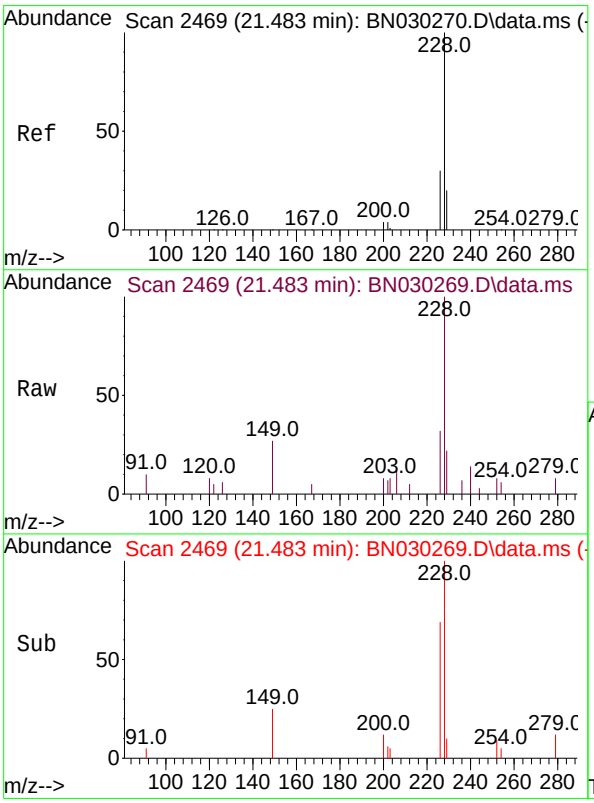
#32
Benzo(a)anthracene
Concen: 0.190 ng
RT: 21.429 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 2172

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.1	34.7
229	22.8	17.0	25.4

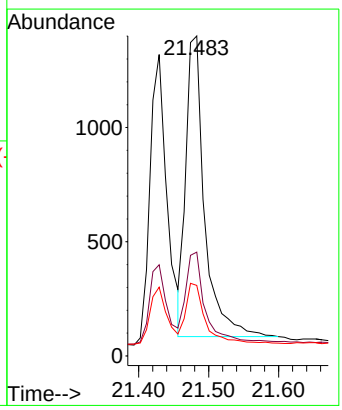


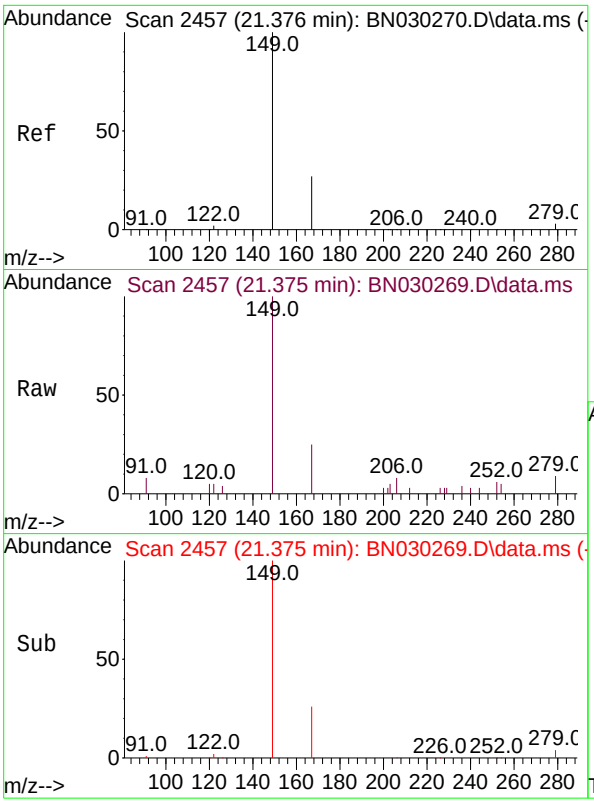


#33
Chrysene
Concen: 0.197 ng
RT: 21.483 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:228 Resp: 2441

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	22.1	17.3	25.9



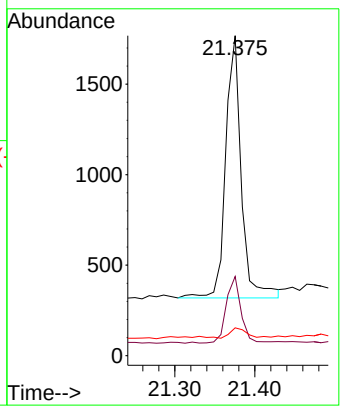


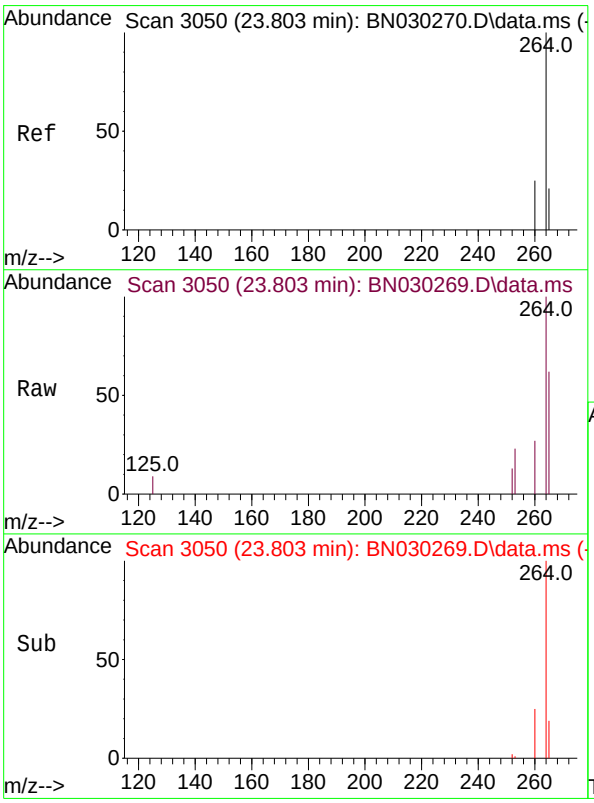
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.215 ng
RT: 21.375 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 1964

Ion	Ratio	Lower	Upper
149	100		
167	23.9	20.6	30.8
279	4.6	4.0	6.0

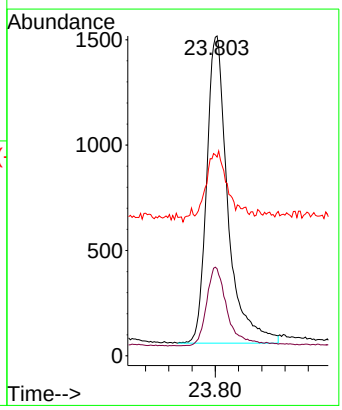


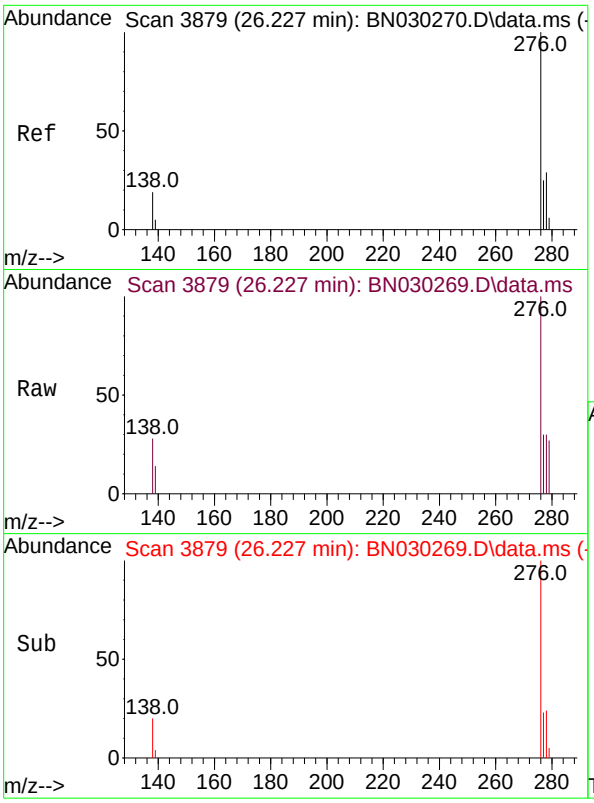


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.803 min Scan# 3050
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:264 Resp: 3697

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.7	32.5
265	62.1	50.8	76.2



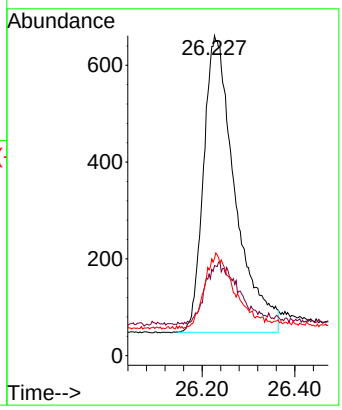


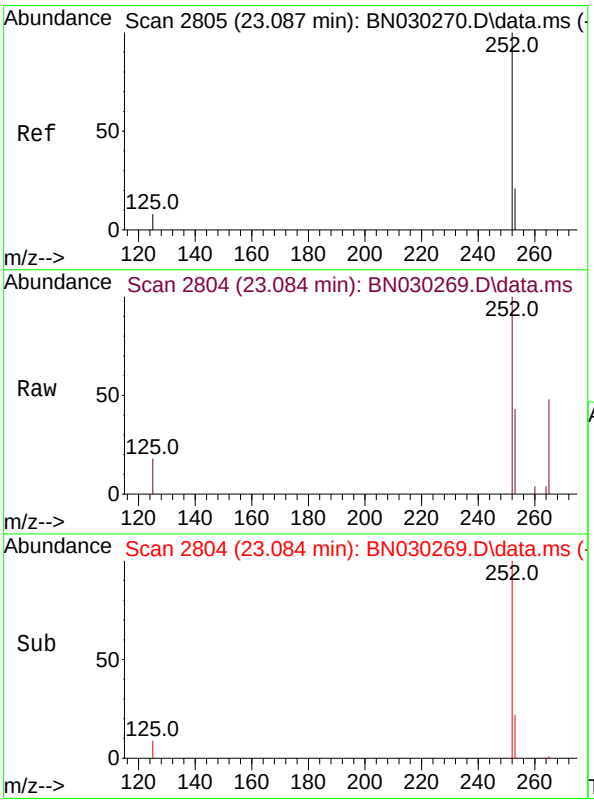
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng
RT: 26.227 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 2886

Ion	Ratio	Lower	Upper
276	100		
138	12.5	17.4	26.2#
277	23.4	18.9	28.3

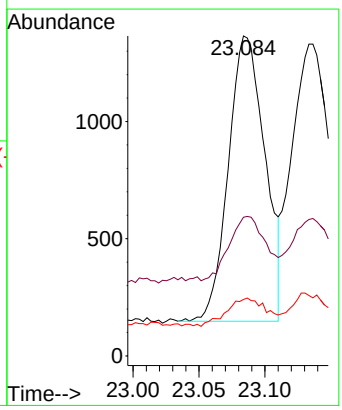


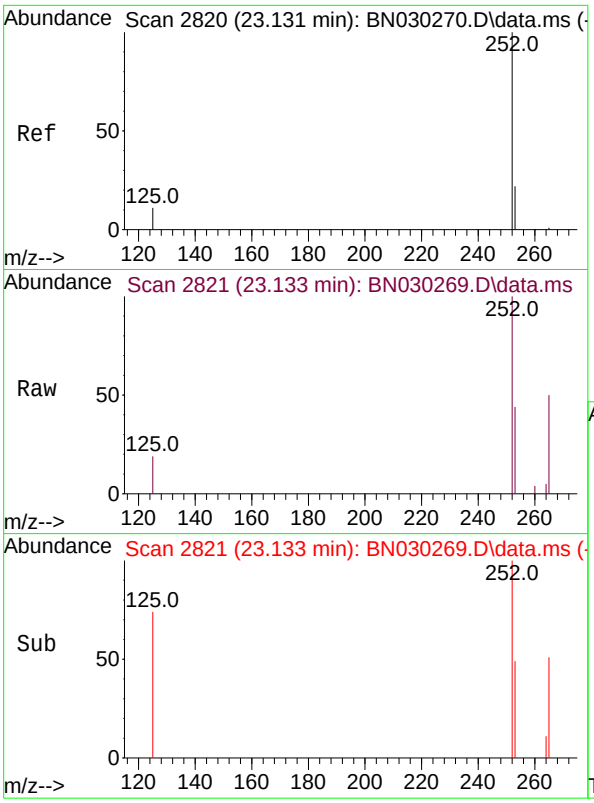


#37
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 23.084 min Scan# 2804
Delta R.T. -0.003 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:252 Resp: 2354

Ion	Ratio	Lower	Upper
252	100		
253	43.4	25.4	38.0#
125	17.7	10.0	15.0#



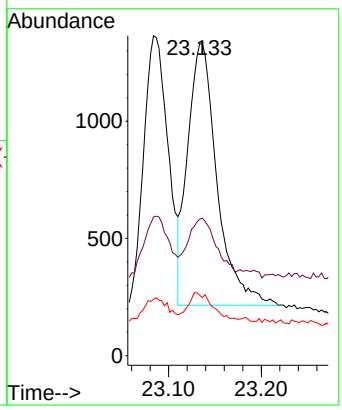


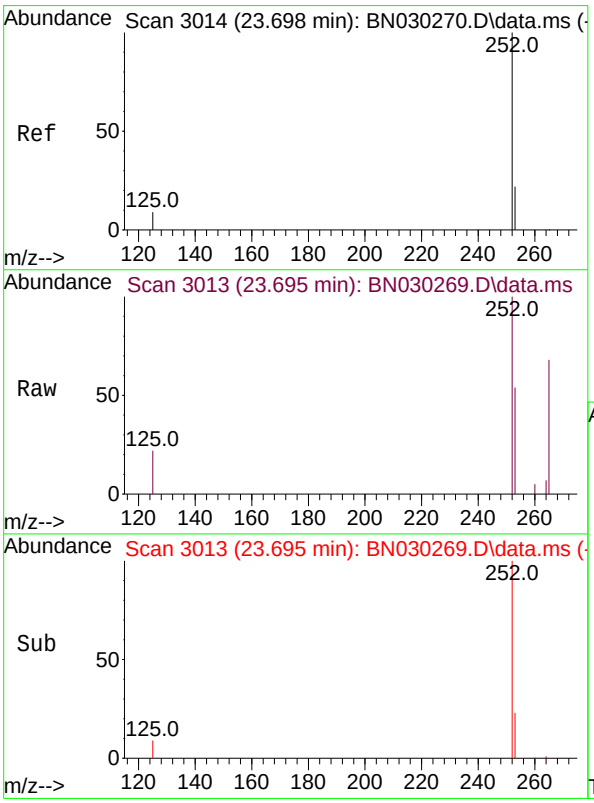
#38
Benzo(k)fluoranthene
Concen: 0.188 ng
RT: 23.133 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 2471

Ion	Ratio	Lower	Upper
252	100		
253	43.8	25.7	38.5#
125	19.4	11.5	17.3#

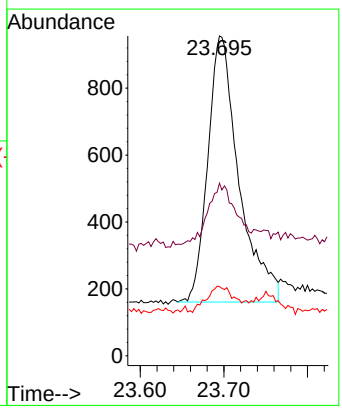


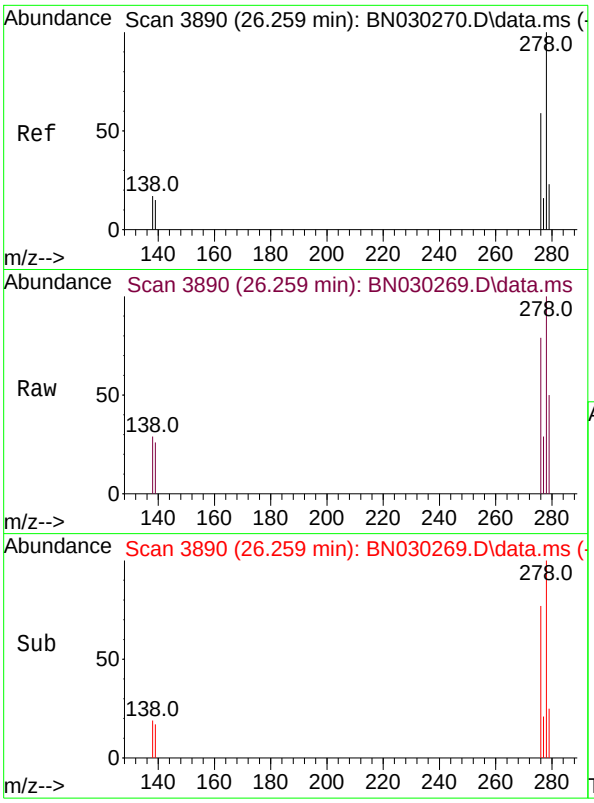


#39
Benzo(a)pyrene
Concen: 0.180 ng
RT: 23.695 min Scan# 3013
Delta R.T. -0.003 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:252 Resp: 2057

Ion	Ratio	Lower	Upper
252	100		
253	54.0	30.8	46.2#
125	21.7	12.5	18.7#



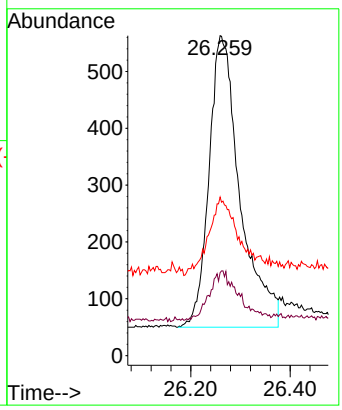


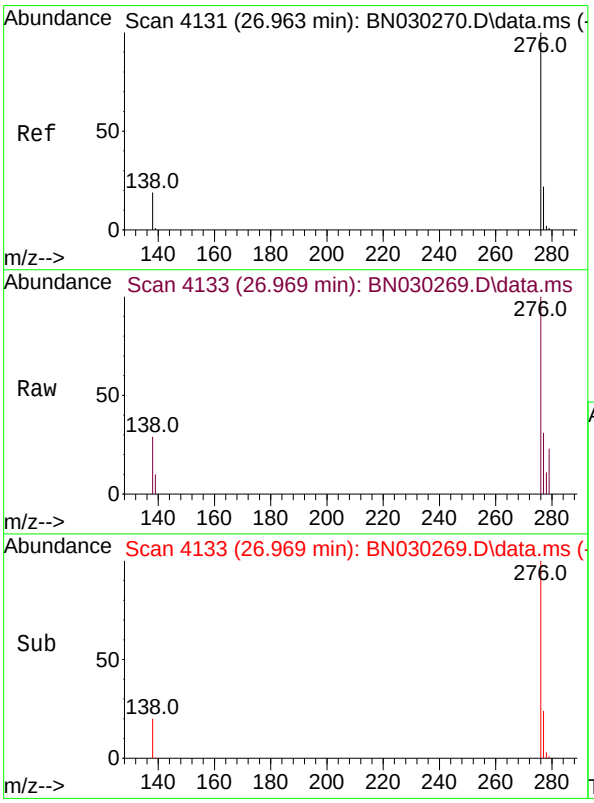
#40
Dibenzo(a,h)anthracene
Concen: 0.183 ng
RT: 26.259 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 2227

Ion	Ratio	Lower	Upper
278	100		
139	25.9	15.5	23.3#
279	49.6	27.3	40.9#





#41
Benzo(g,h,i)perylene
Concen: 0.190 ng
RT: 26.969 min Scan# 4133
Delta R.T. 0.006 min
Lab File: BN030269.D
Acq: 05 Mar 2024 13:22

Tgt Ion:276 Resp: 2664

Ion	Ratio	Lower	Upper
276	100		
277	31.1	20.6	30.8#
138	28.6	18.2	27.4#