Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029830.D
Acq On : 16 Feb 2024 17:12
Operator : MA/JU
Sample : PB158918BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Quant Time: Feb 16 23:57:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	5210	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	13747	0.400	ng	#	0.00
13) Acenaphthene-d10	14.511	164	6119	0.400	ng		0.00
19) Phenanthrene-d10	17.255	188	11774	0.400	ng	#	0.00
29) Chrysene-d12	21.465	240	10077	0.400	ng	#	0.00
35) Perylene-d12	23.835	264	10504	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	5506	0.440	ng		0.00
5) Phenol-d6	7.038	99	6271	0.434	ng		0.00
8) Nitrobenzene-d5	9.035	82	4127	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	8399	0.449	ng		0.00
14) 2,4,6-Tribromophenol	16.002	330	893	0.455	ng		0.00
15) 2-Fluorobiphenyl	13.132	172	9291	0.354	ng		0.00
27) Fluoranthene-d10	19.299	212	9223	0.323	ng		0.00
31) Terphenyl-d14	19.907	244	7342	0.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2298	0.313	ng	#	56
3) n-Nitrosodimethylamine	3.694	42	1832	0.307	ng	#	87
6) bis(2-Chloroethyl)ether	7.305	93	4791	0.348	ng		95
9) Naphthalene	10.712	128	12462	0.318	ng		99
10) Hexachlorobutadiene	10.989	225	2406	0.324	ng	#	98
12) 2-Methylnaphthalene	12.333	142	7290	0.317	ng		99
16) Acenaphthylene	14.233	152	9900	0.341	ng		100
17) Acenaphthene	14.575	154	5933	0.304	ng		99
18) Fluorene	15.555	166	7455	0.305	ng		99
20) 4,6-Dinitro-2-methylph...	15.654	198	337	0.195	ng	#	85
21) 4-Bromophenyl-phenylether	16.461	248	2250	0.321	ng	#	79
22) Hexachlorobenzene	16.560	284	2647	0.308	ng		96
23) Atrazine	16.734	200	1639	0.329	ng	#	94
24) Pentachlorophenol	16.908	266	1025	0.376	ng		97
25) Phenanthrene	17.305	178	10995	0.316	ng		99
26) Anthracene	17.392	178	9497	0.320	ng		100
28) Fluoranthene	19.327	202	11779	0.301	ng		98
30) Pyrene	19.694	202	12355	0.266	ng		99
32) Benzo(a)anthracene	21.447	228	10833	0.315	ng		99
33) Chrysene	21.501	228	11959	0.306	ng		99
34) Bis(2-ethylhexyl)phtha...	21.393	149	5949	0.254	ng		100
36) Indeno(1,2,3-cd)pyrene	26.282	276	13705	0.325	ng		94
37) Benzo(b)fluoranthene	23.113	252	12190	0.325	ng		98
38) Benzo(k)fluoranthene	23.163	252	11960	0.304	ng		100
39) Benzo(a)pyrene	23.730	252	10511	0.321	ng		97
40) Dibenzo(a,h)anthracene	26.308	278	10982	0.327	ng		94
41) Benzo(g,h,i)perylene	27.031	276	12446	0.304	ng		97

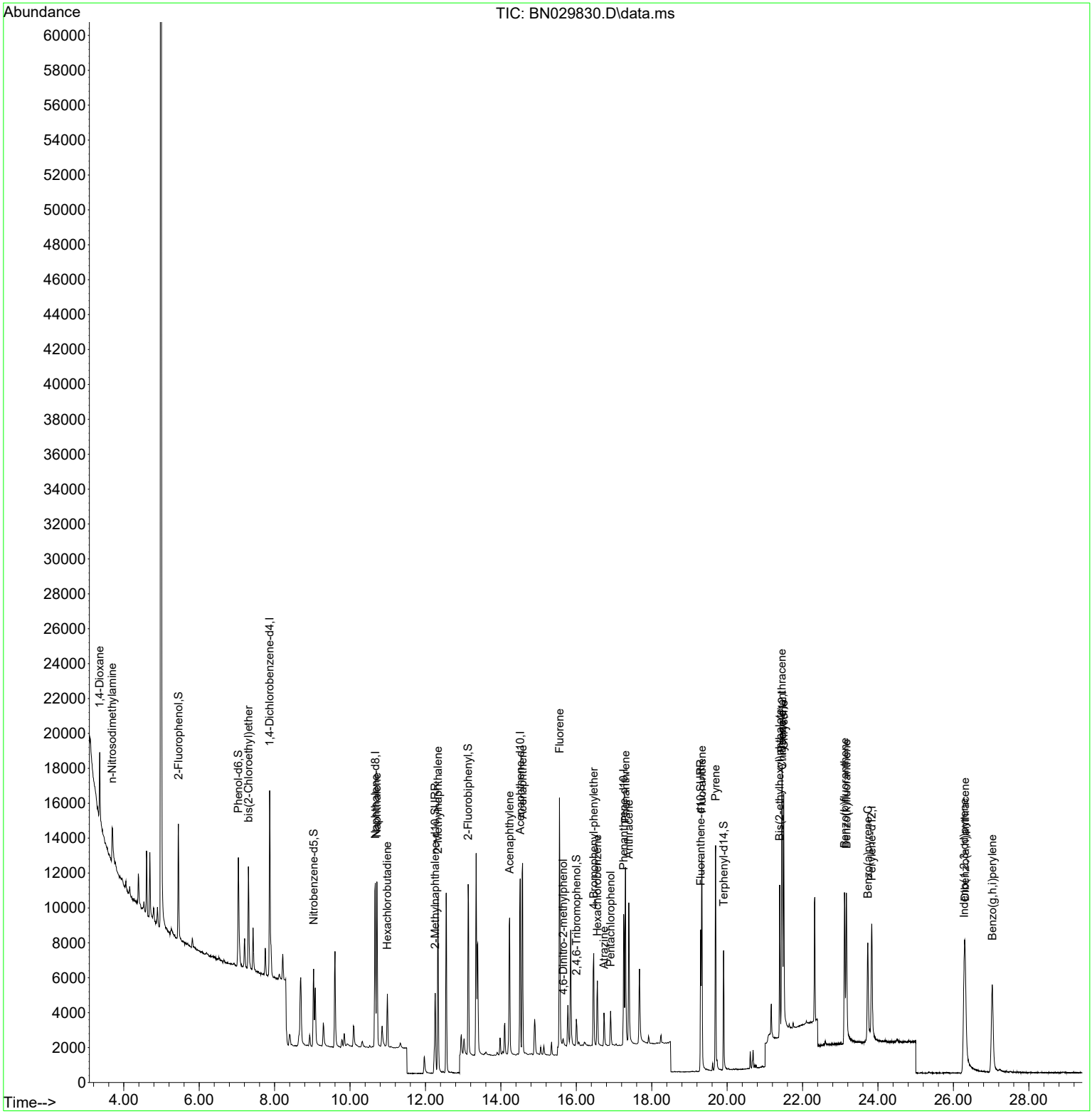
(#) = qualifier out of range (m) = manual integration (+) = signals summed

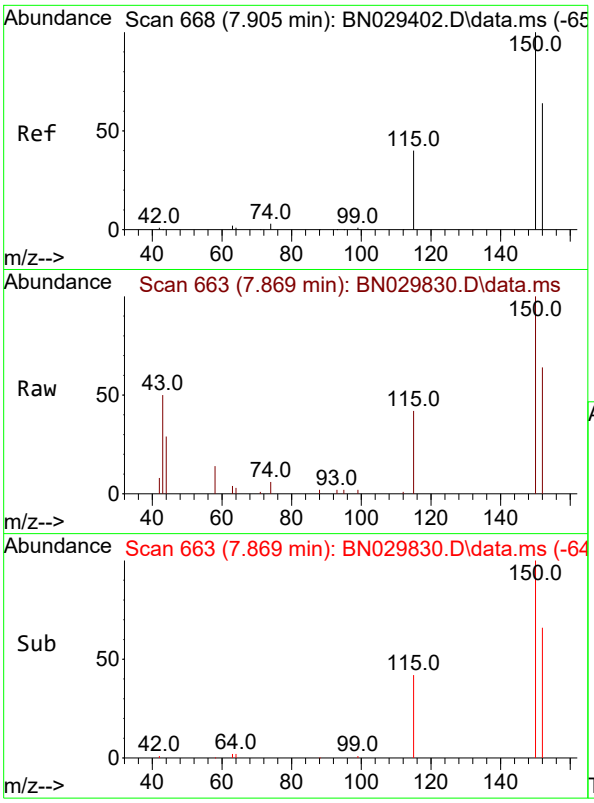
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029830.D
Acq On : 16 Feb 2024 17:12
Operator : MA/JU
Sample : PB158918BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Quant Time: Feb 16 23:57:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration



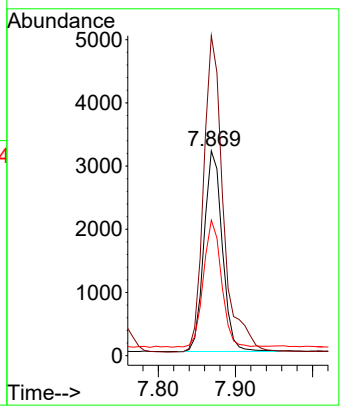


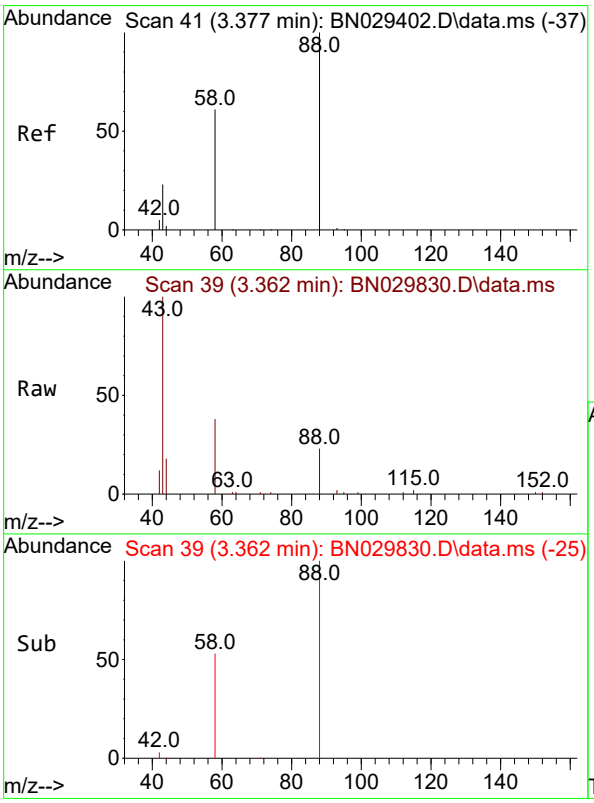
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:152 Resp: 5210

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.0	184.4
115	66.2	51.4	77.0

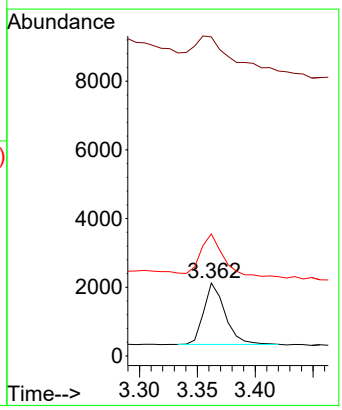


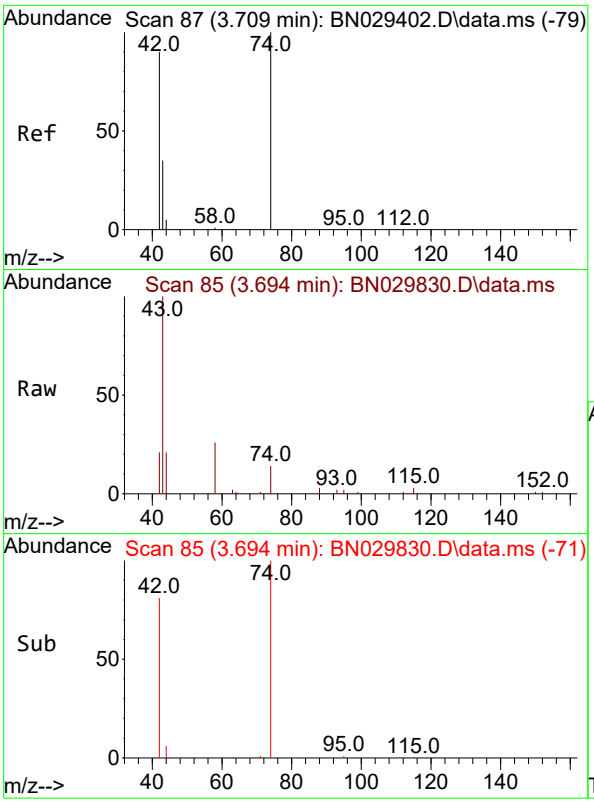


#2
1,4-Dioxane
Concen: 0.313 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion: 88 Resp: 2298

Ion	Ratio	Lower	Upper
88	100		
43	98.8	23.3	34.9#
58	72.8	53.8	80.6



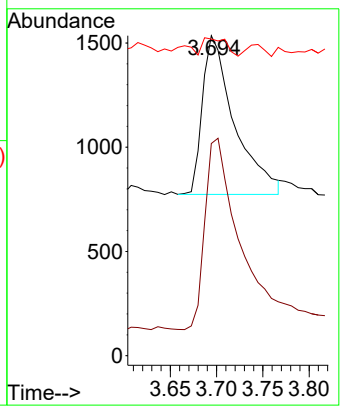


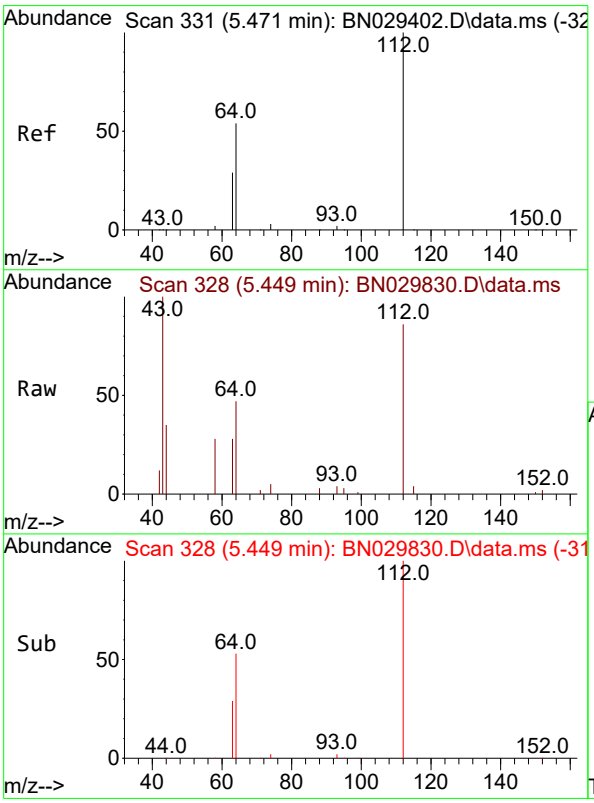
#3
n-Nitrosodimethylamine
Concen: 0.307 ng
RT: 3.694 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion: 42 Resp: 1832

Ion	Ratio	Lower	Upper
42	100		
74	130.3	93.7	140.5
44	8.2	13.0	19.4#

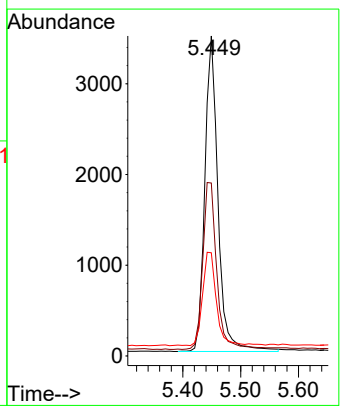


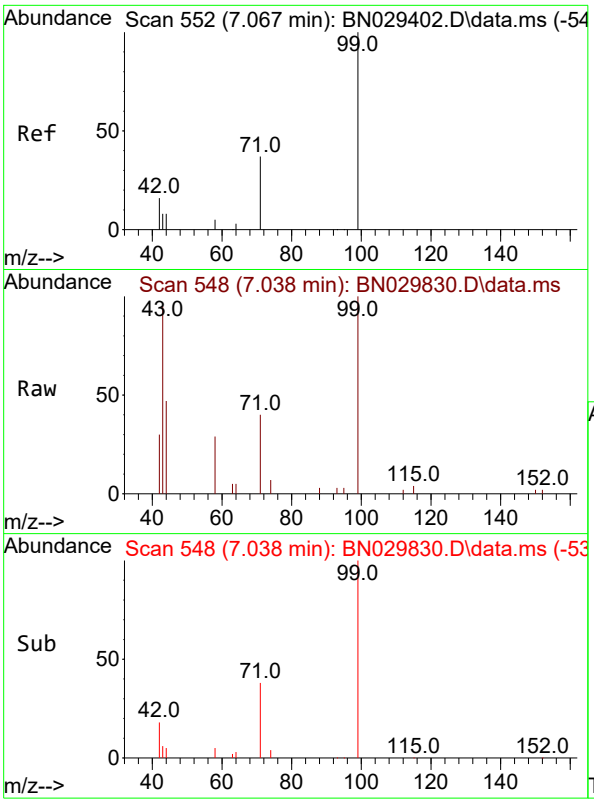


#4
2-Fluorophenol
Concen: 0.440 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:112 Resp: 5506

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.2	70.8
63	30.5	25.8	38.6



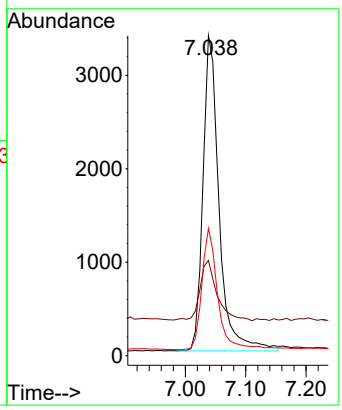


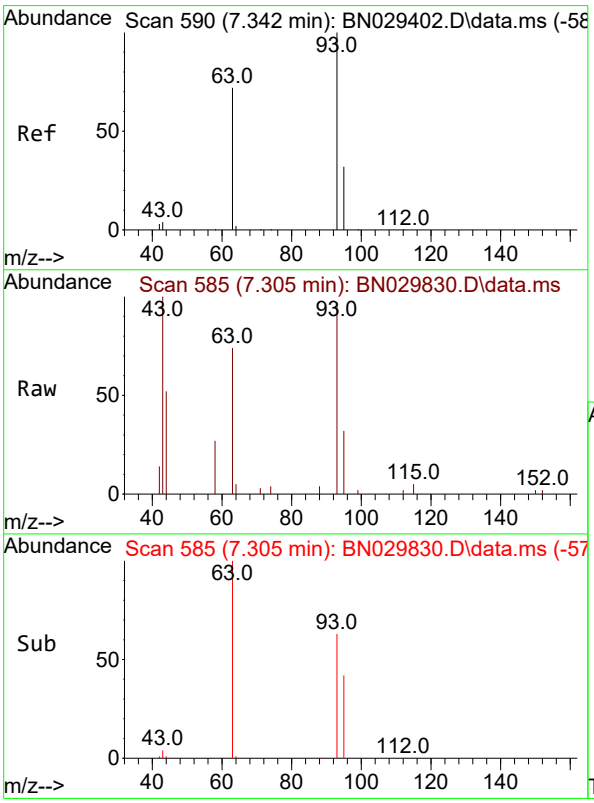
#5
Phenol-d6
Concen: 0.434 ng
RT: 7.038 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion: 99 Resp: 6271

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.9	25.3
71	38.1	30.0	45.0

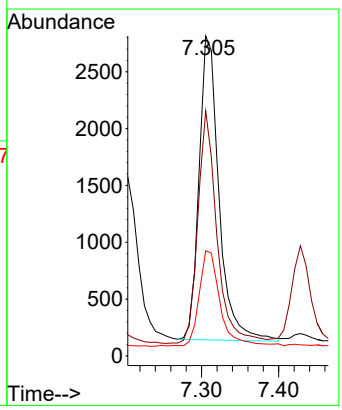


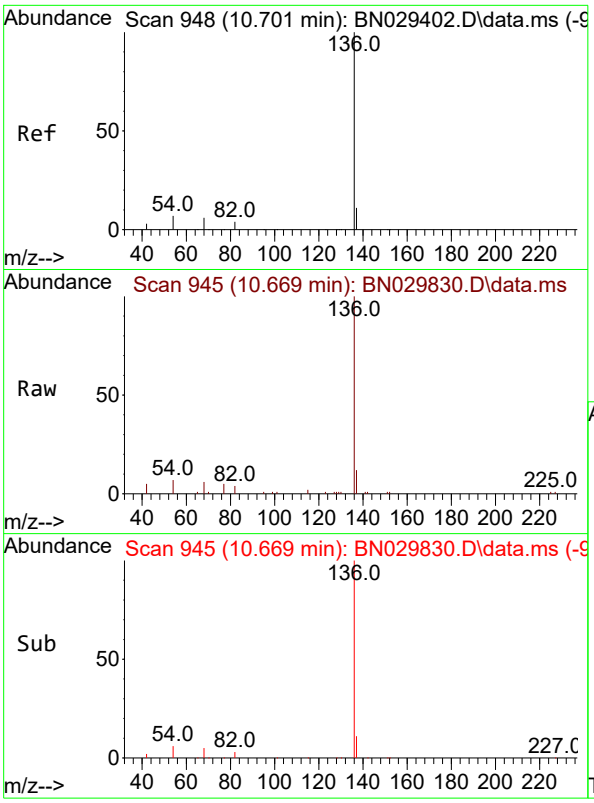


#6
bis(2-Chloroethyl)ether
Concen: 0.348 ng
RT: 7.305 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion: 93 Resp: 4791

Ion	Ratio	Lower	Upper
93	100		
63	73.3	63.1	94.7
95	32.3	27.1	40.7



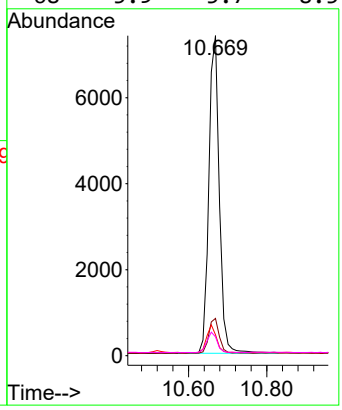


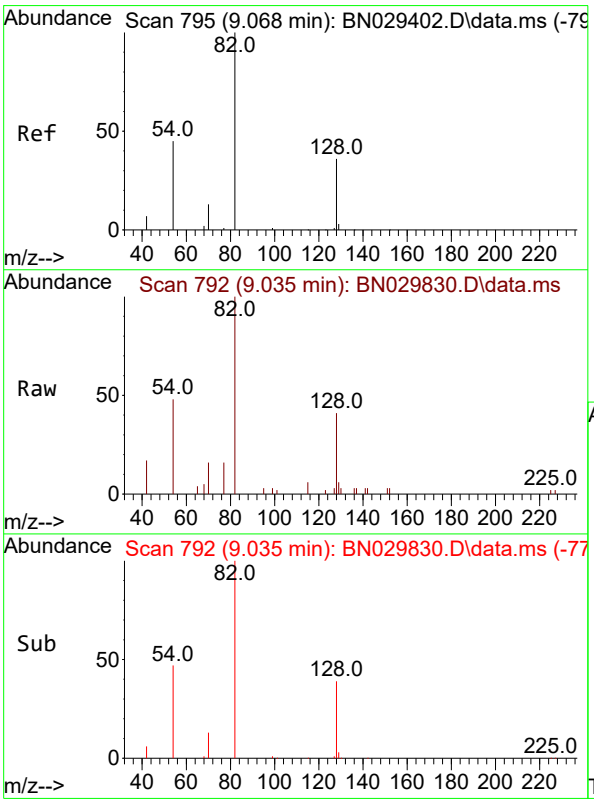
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:136 Resp: 13747

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	6.6	6.6	10.0#
68	5.9	5.7	8.5

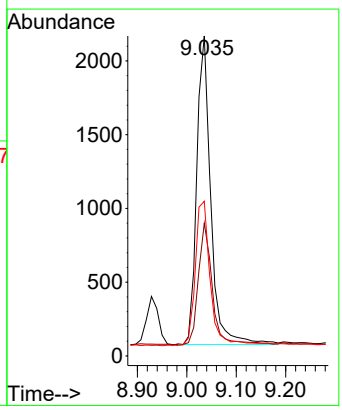


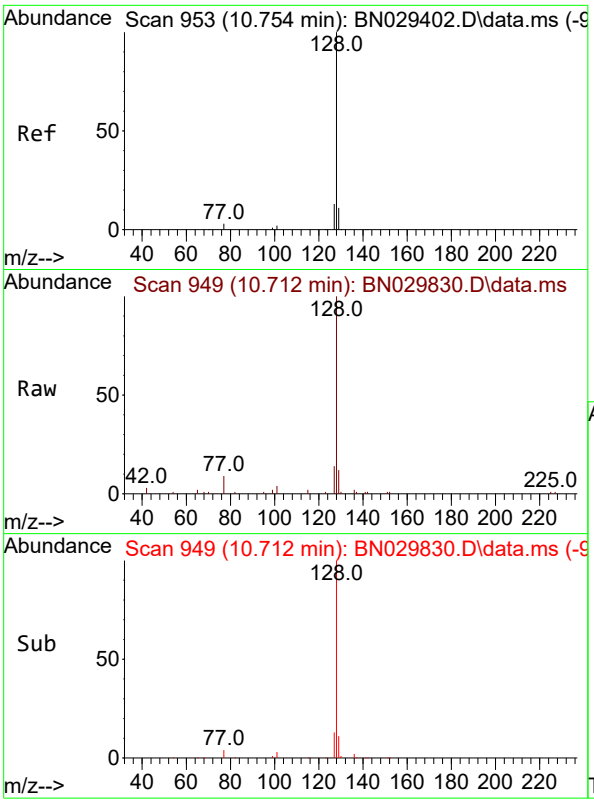


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 9.035 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion: 82 Resp: 4127

Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.6	47.4
54	48.4	38.2	57.4



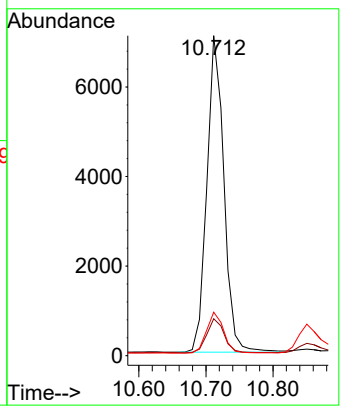


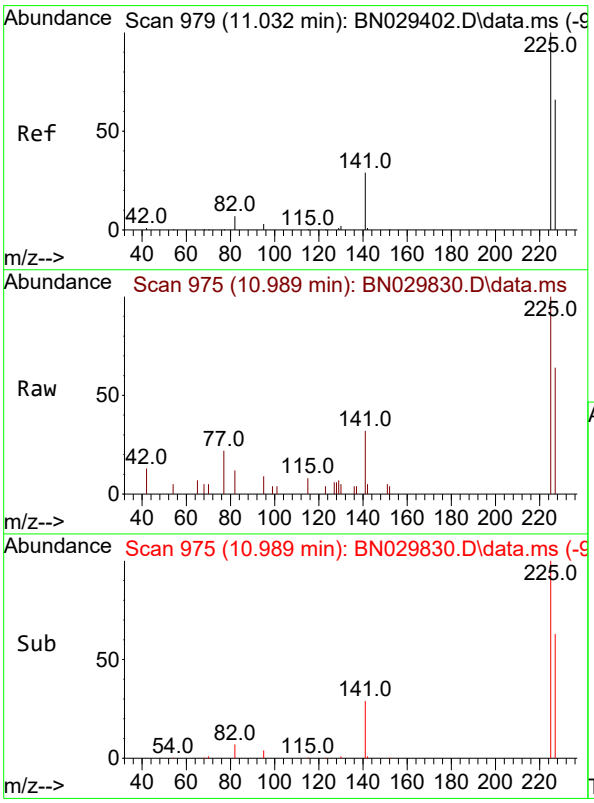
#9
Naphthalene
Concen: 0.318 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:128 Resp: 12462

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.6	10.8	16.2

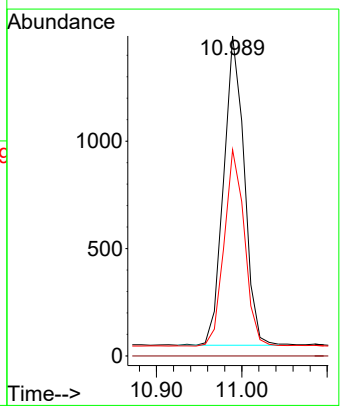


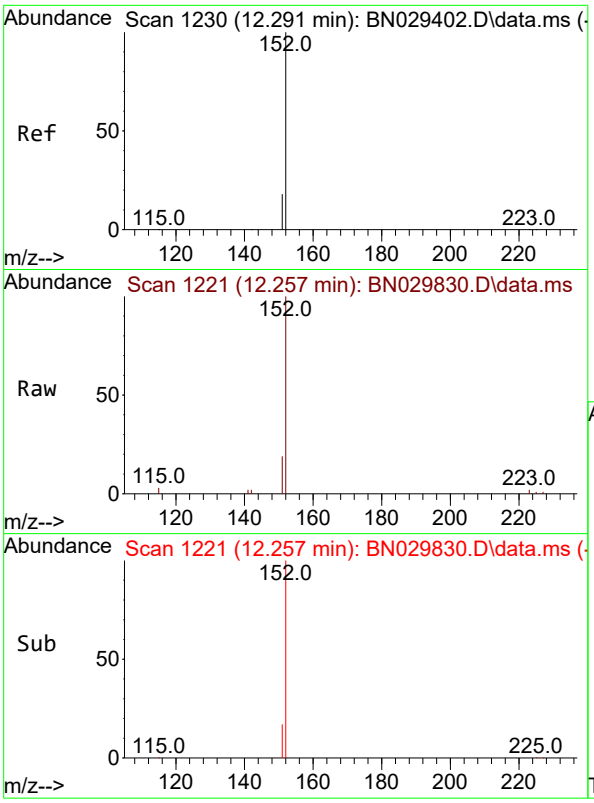


#10
Hexachlorobutadiene
Concen: 0.324 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:225 Resp: 2406

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	51.1	76.7



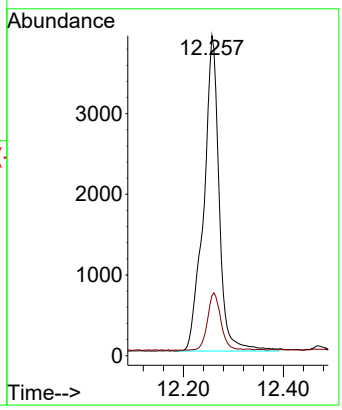


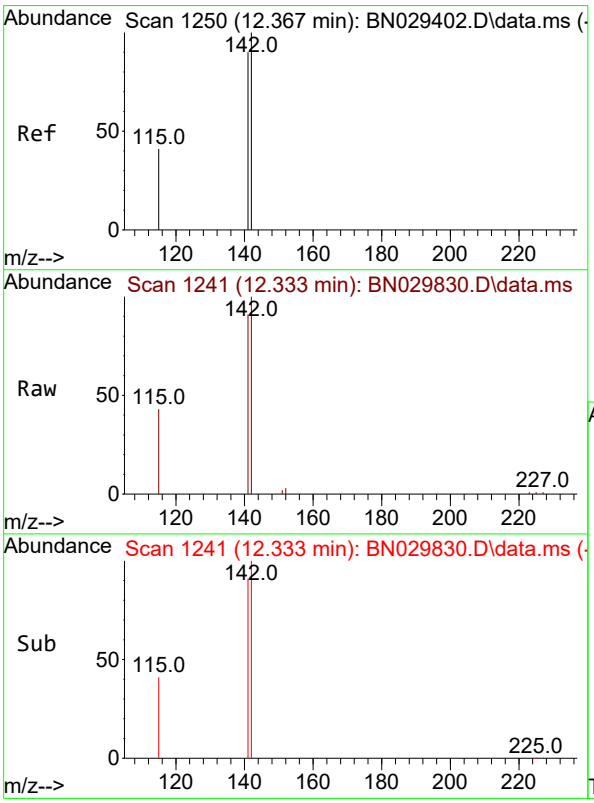
#11
2-Methylnaphthalene-d10
Concen: 0.449 ng
RT: 12.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:152 Resp: 8399

Ion	Ratio	Lower	Upper
152	100		
151	16.0	17.1	25.7#

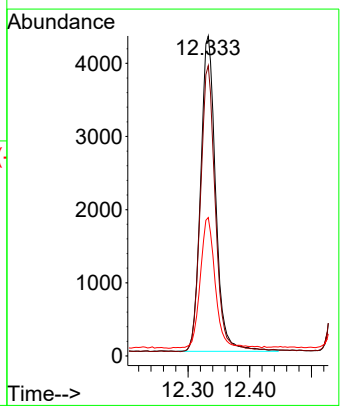


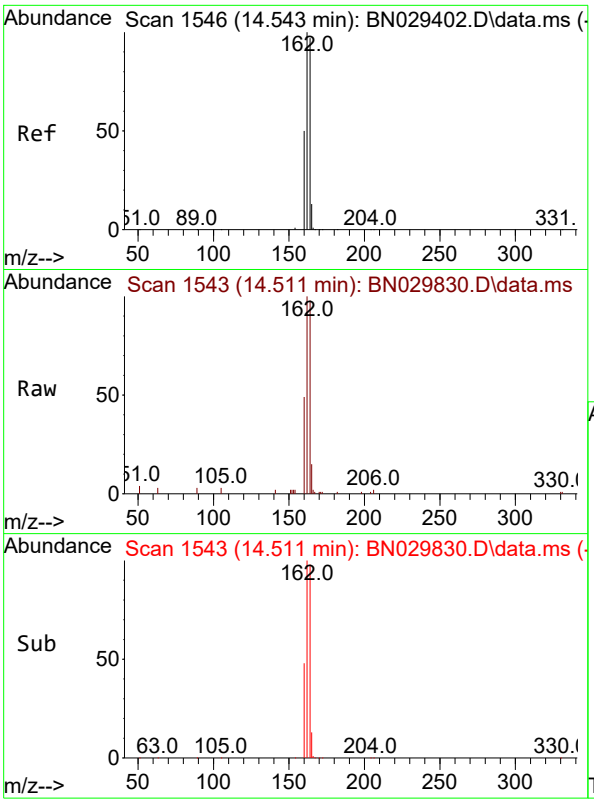


#12
2-Methylnaphthalene
Concen: 0.317 ng
RT: 12.333 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:142 Resp: 7290

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
115	43.3	33.9	50.9



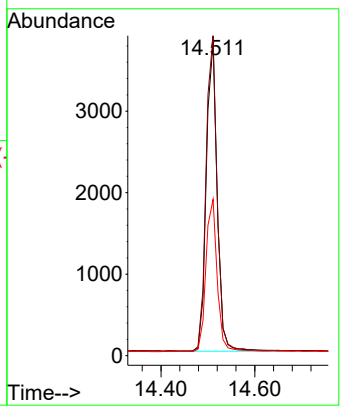


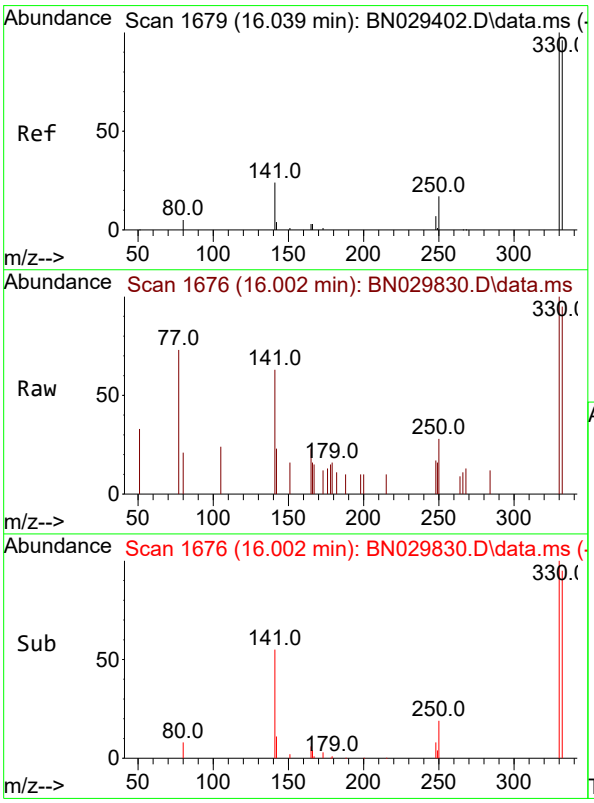
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:164 Resp: 6119

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	49.9	41.5	62.3

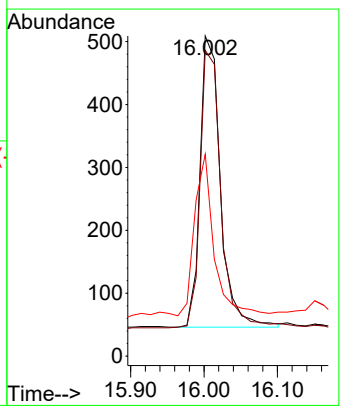


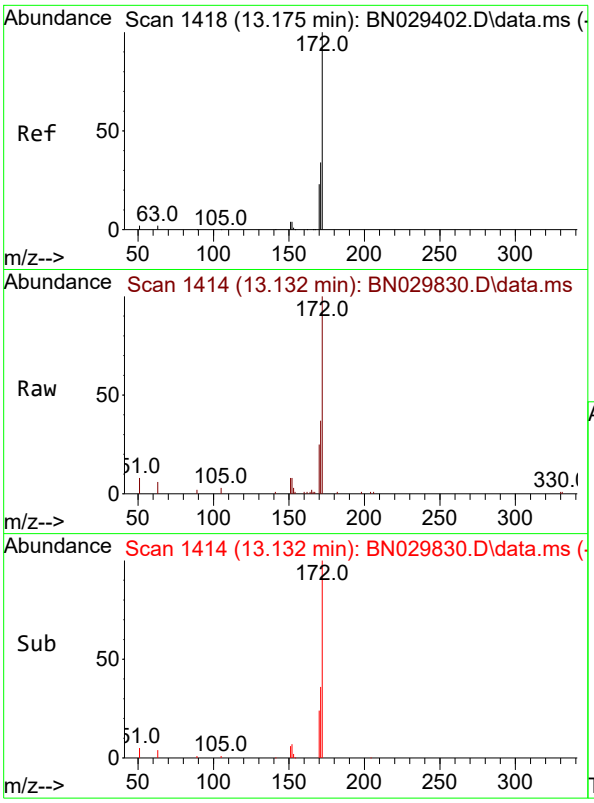


#14
2,4,6-Tribromophenol
Concen: 0.455 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:330 Resp: 893

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	49.3	43.4	65.2



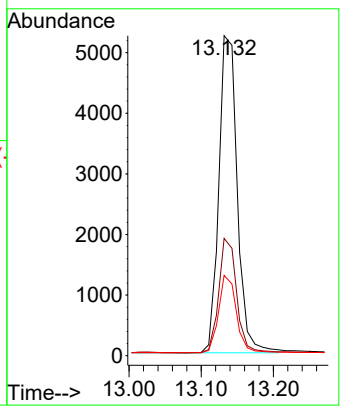


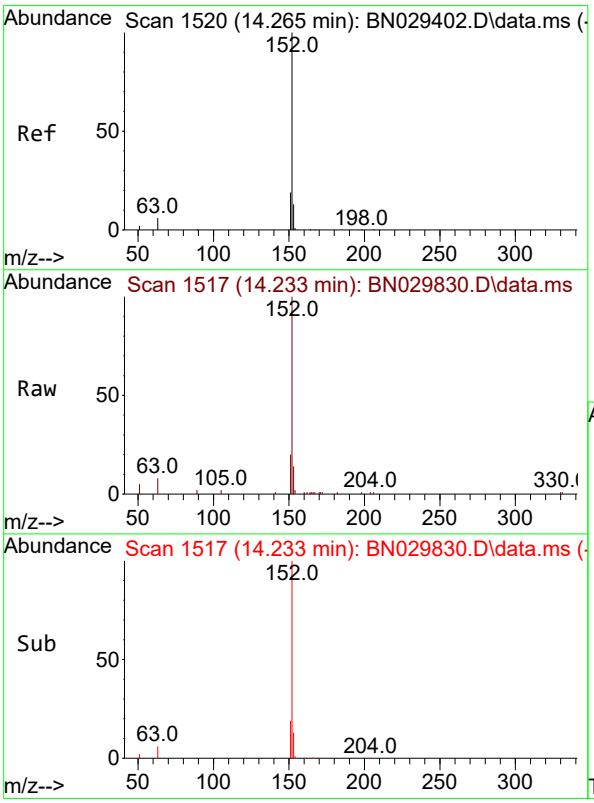
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.132 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:172 Resp: 9291

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.0	42.0
170	25.1	18.7	28.1

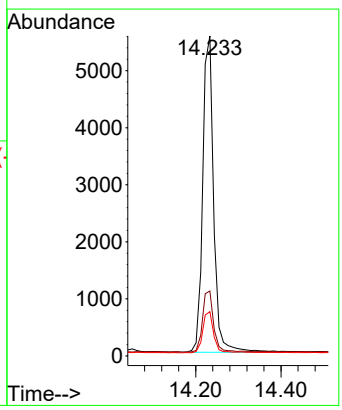


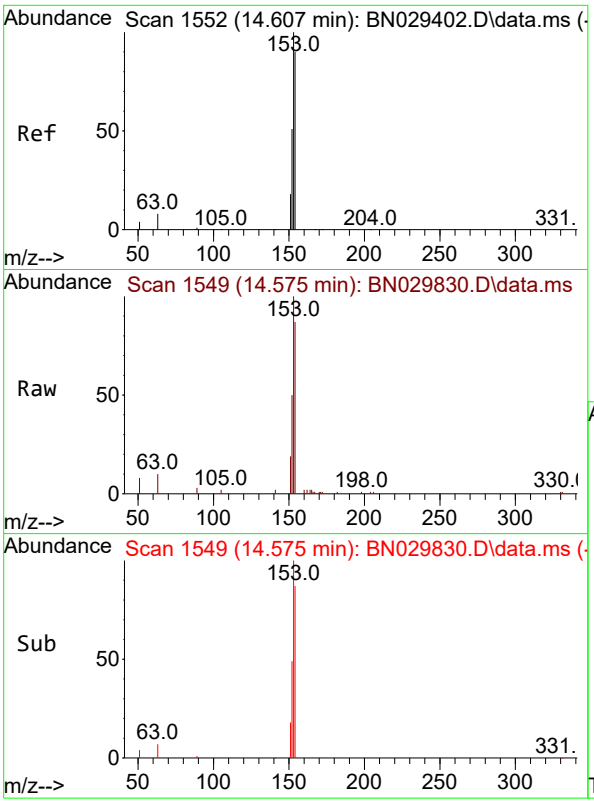


#16
Acenaphthylene
Concen: 0.341 ng
RT: 14.233 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:152 Resp: 9900

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.5	15.7



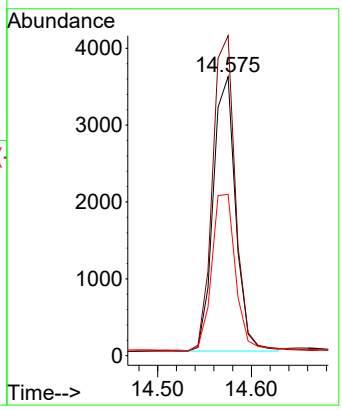


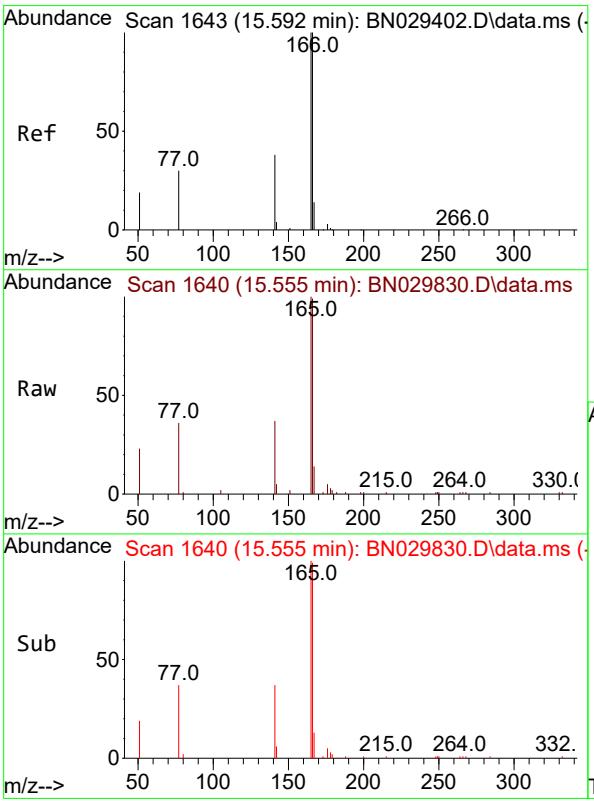
#17
Acenaphthene
Concen: 0.304 ng
RT: 14.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:154 Resp: 5933

Ion	Ratio	Lower	Upper
154	100		
153	117.9	93.6	140.4
152	60.7	48.6	73.0

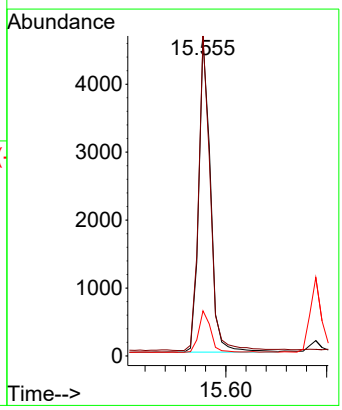


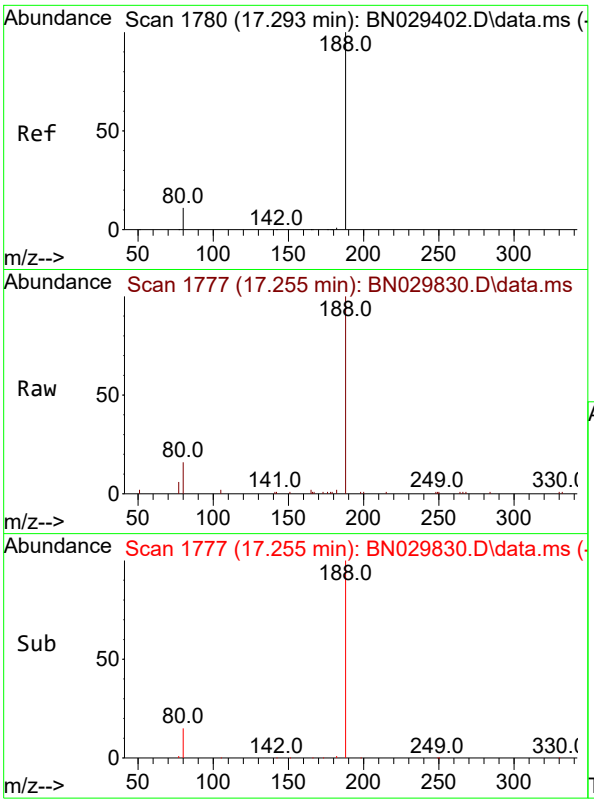


#18
Fluorene
Concen: 0.305 ng
RT: 15.555 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:166 Resp: 7455

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.9	119.9
167	13.5	11.3	16.9



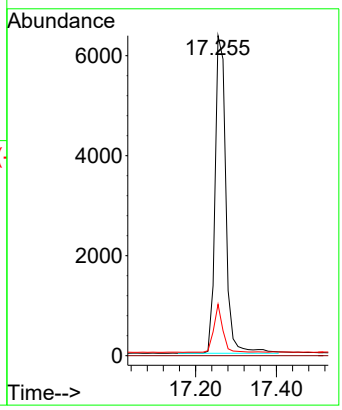


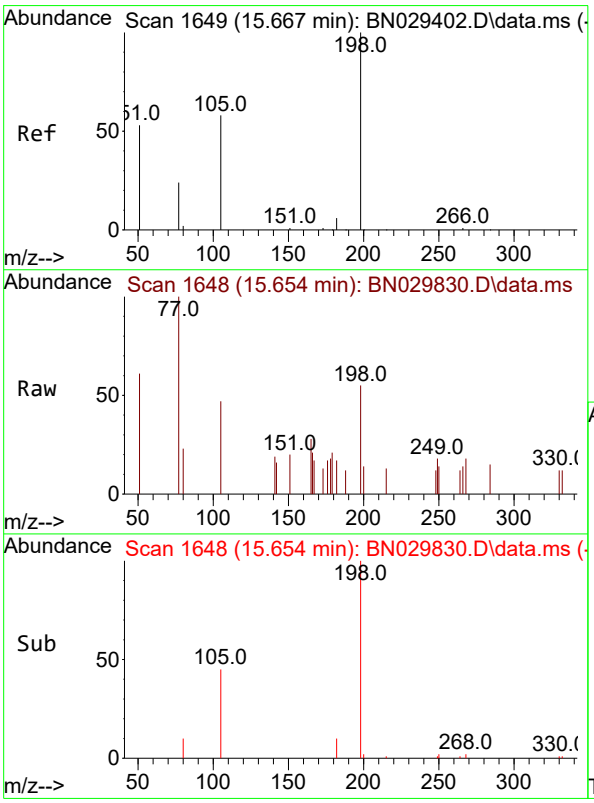
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:188 Resp: 11774

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.0	10.0	15.0#

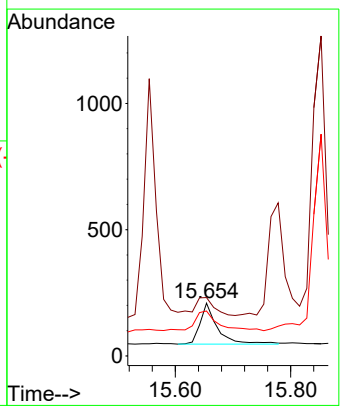


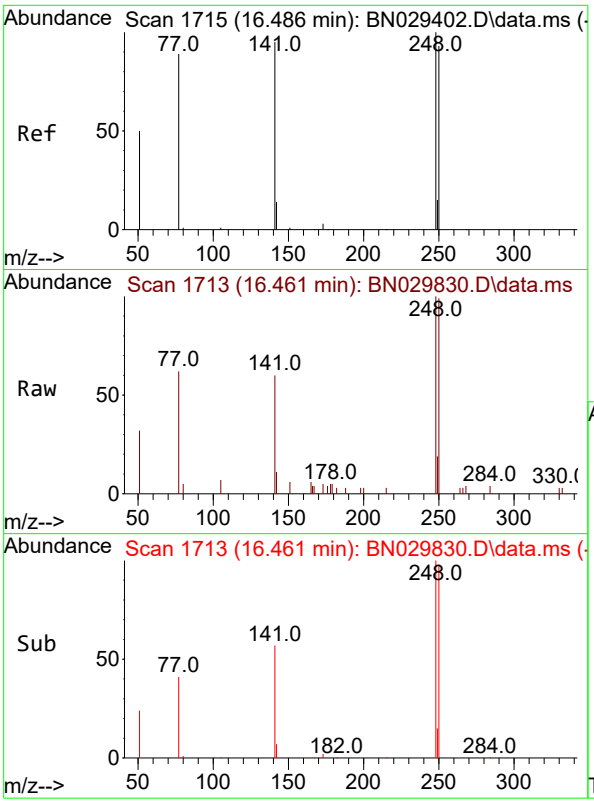


#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.654 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:198 Resp: 337

Ion	Ratio	Lower	Upper
198	100		
51	110.5	111.0	166.6#
105	85.2	67.0	100.6



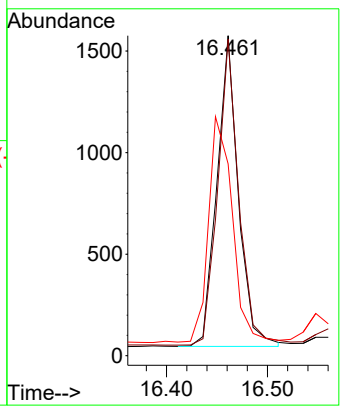


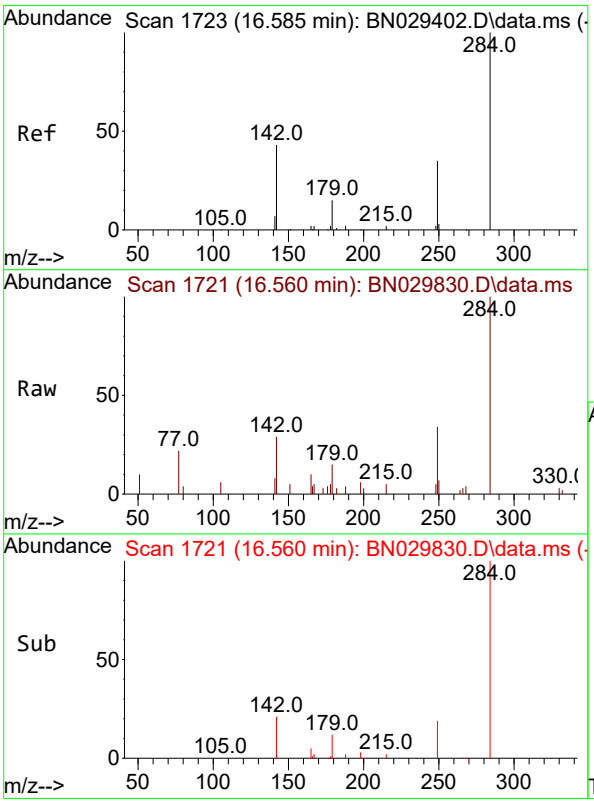
#21
4-Bromophenyl-phenylether
Concen: 0.321 ng
RT: 16.461 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:248 Resp: 2250

Ion	Ratio	Lower	Upper
248	100		
250	98.9	75.0	112.4
141	60.0	77.0	115.6#

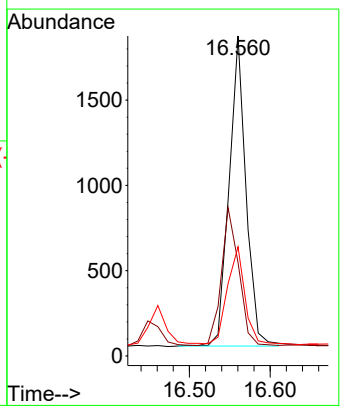


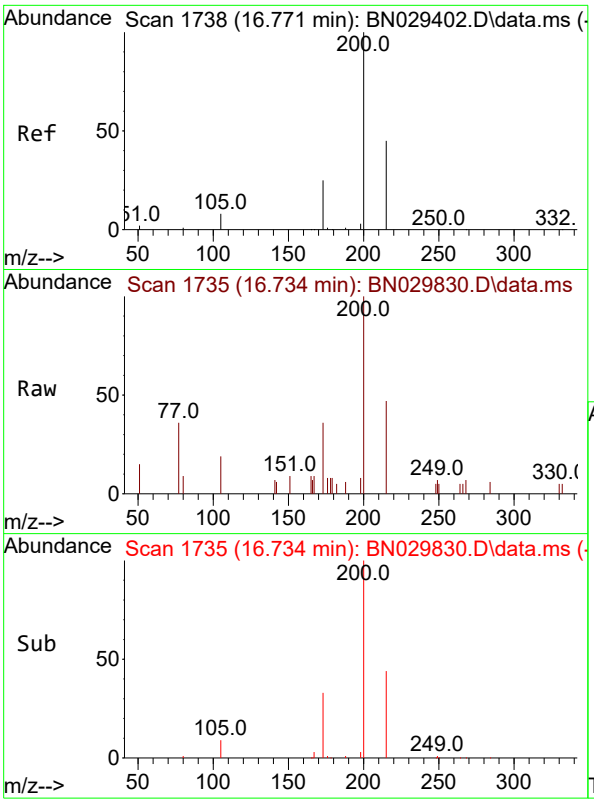


#22
Hexachlorobenzene
Concen: 0.308 ng
RT: 16.560 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:284 Resp: 2647

Ion	Ratio	Lower	Upper
284	100		
142	45.8	39.4	59.2
249	31.7	26.9	40.3



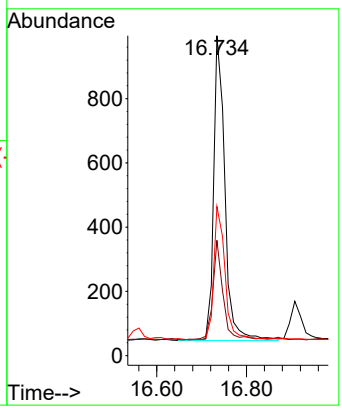


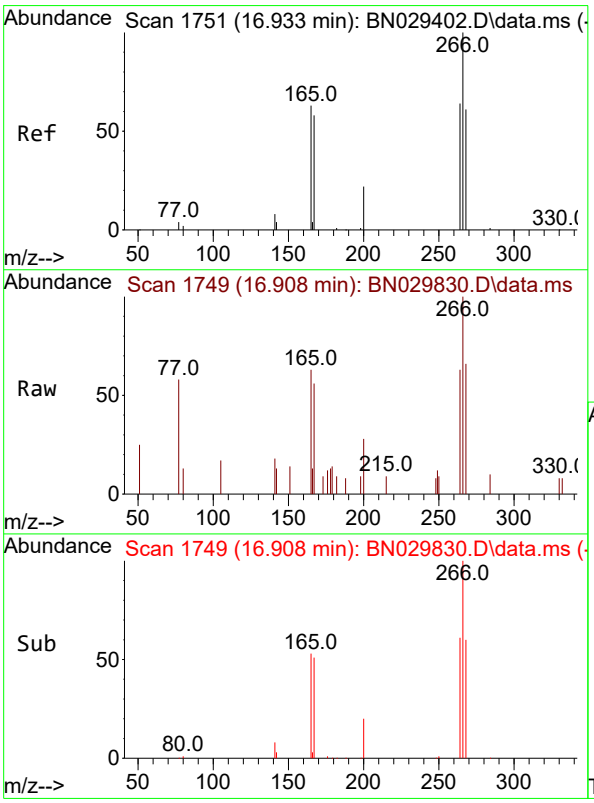
#23
Atrazine
Concen: 0.329 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:200 Resp: 1639

Ion	Ratio	Lower	Upper
200	100		
173	36.0	23.4	35.0#
215	46.6	38.4	57.6

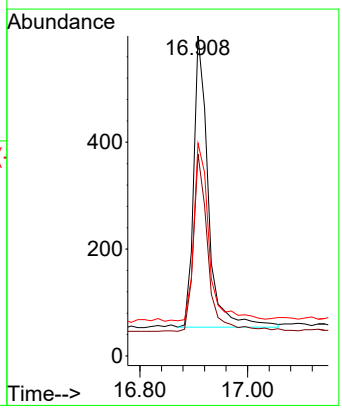


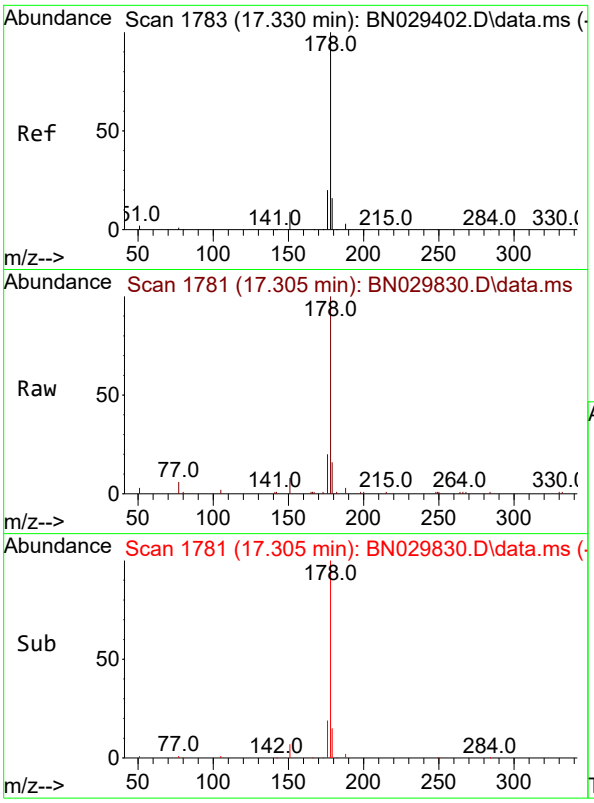


#24
Pentachlorophenol
Concen: 0.376 ng
RT: 16.908 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:266 Resp: 1025

Ion	Ratio	Lower	Upper
266	100		
264	60.3	50.8	76.2
268	63.1	51.5	77.3



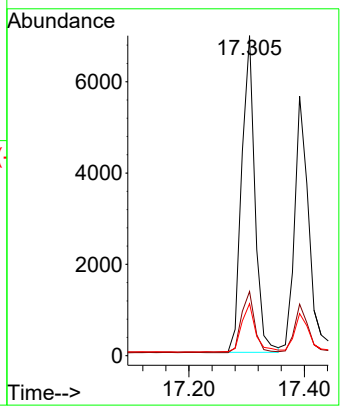


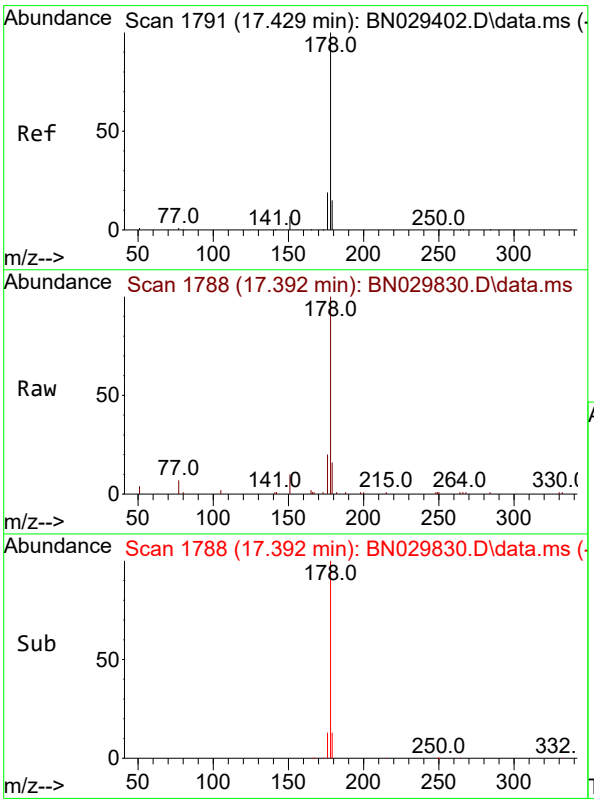
#25
Phenanthrene
Concen: 0.316 ng
RT: 17.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:178 Resp: 10995

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.1	12.6	19.0

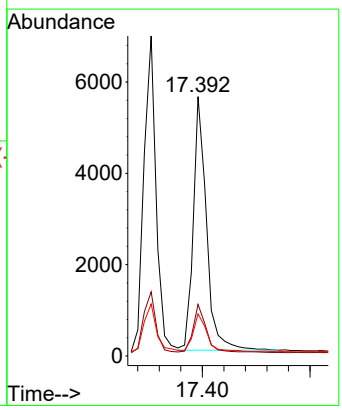


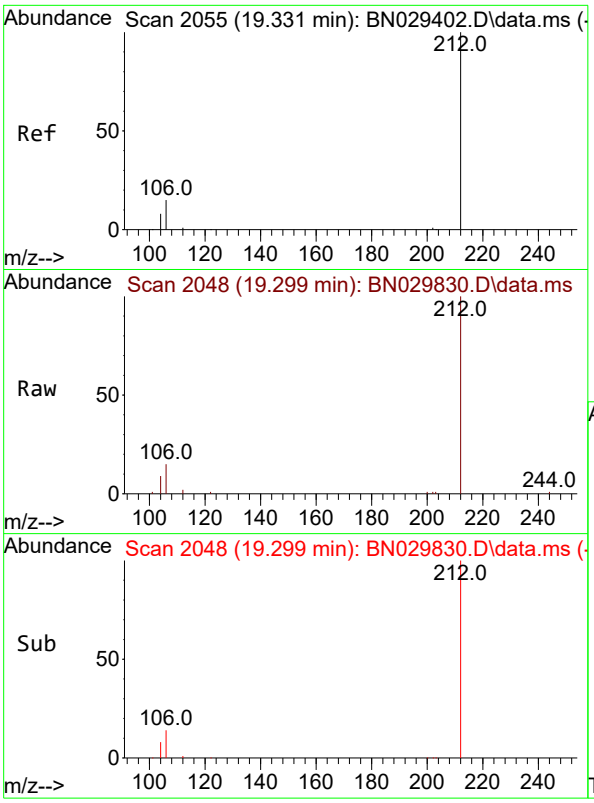


#26
Anthracene
Concen: 0.320 ng
RT: 17.392 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:178 Resp: 9497

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.3	12.3	18.5



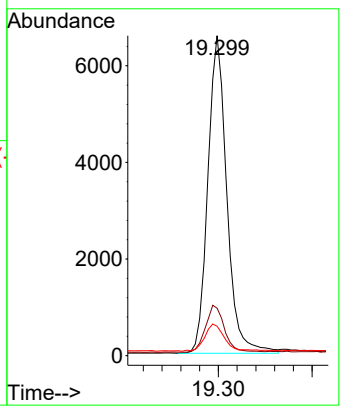


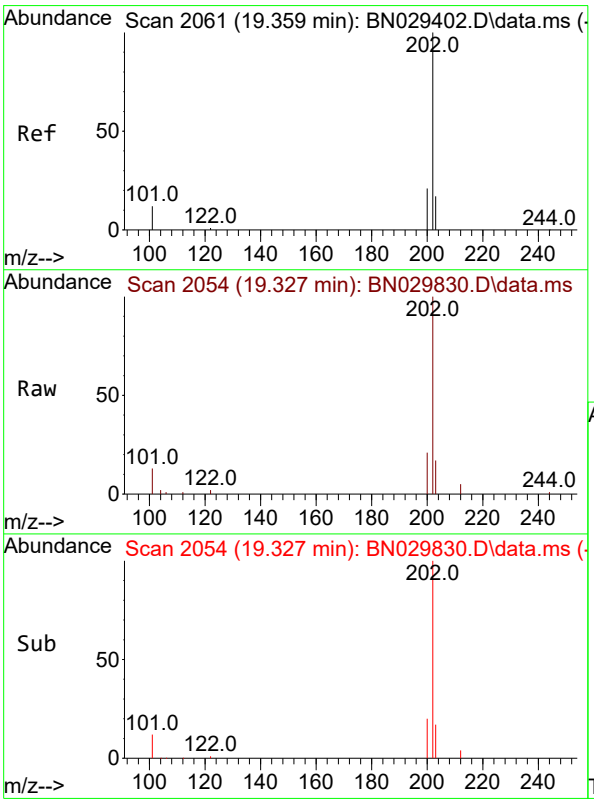
#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.299 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:212 Resp: 9223

Ion	Ratio	Lower	Upper
212	100		
106	14.6	13.2	19.8
104	8.6	7.7	11.5

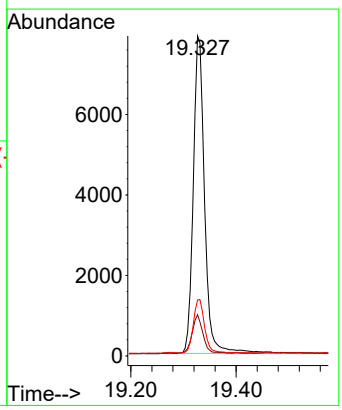


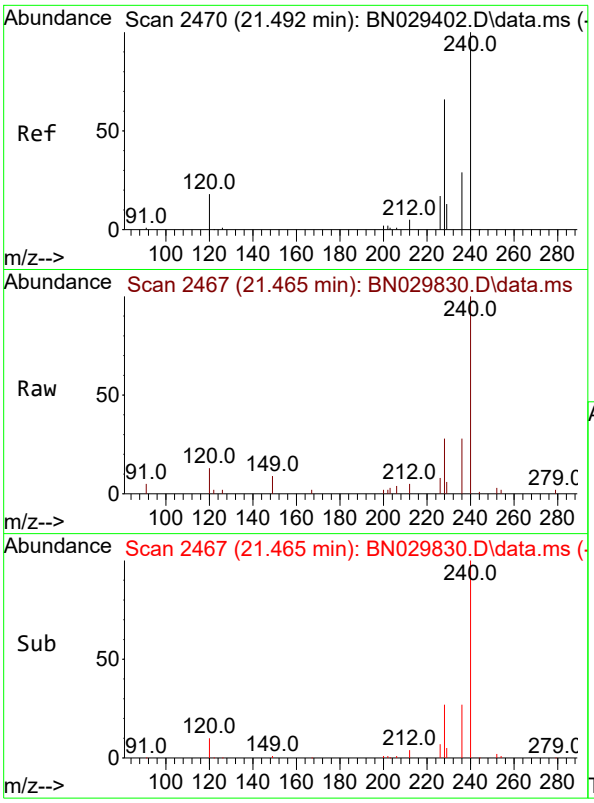


#28
Fluoranthene
Concen: 0.301 ng
RT: 19.327 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:202 Resp: 11779

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.5	15.7
203	16.6	13.5	20.3



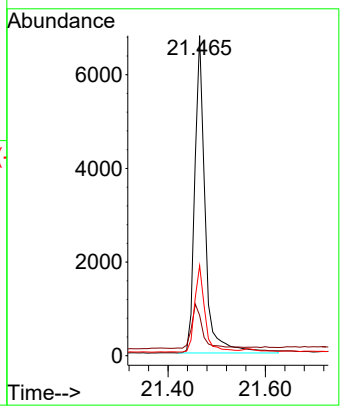


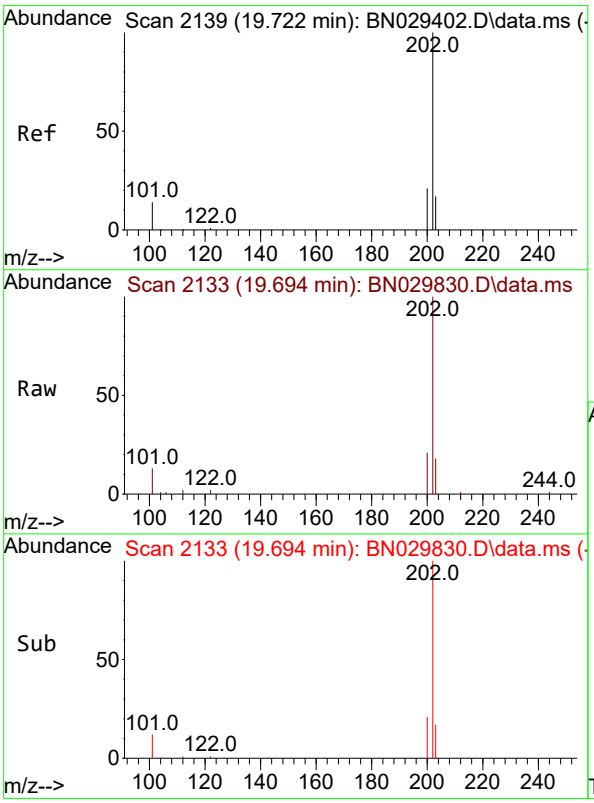
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:240 Resp: 10077

Ion	Ratio	Lower	Upper
240	100		
120	12.6	16.7	25.1#
236	28.1	23.9	35.9

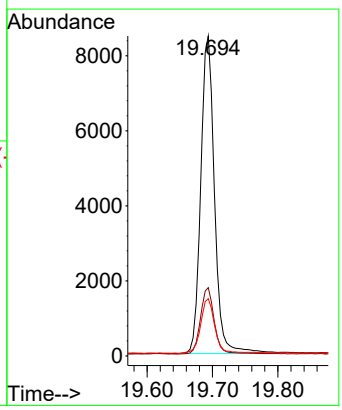


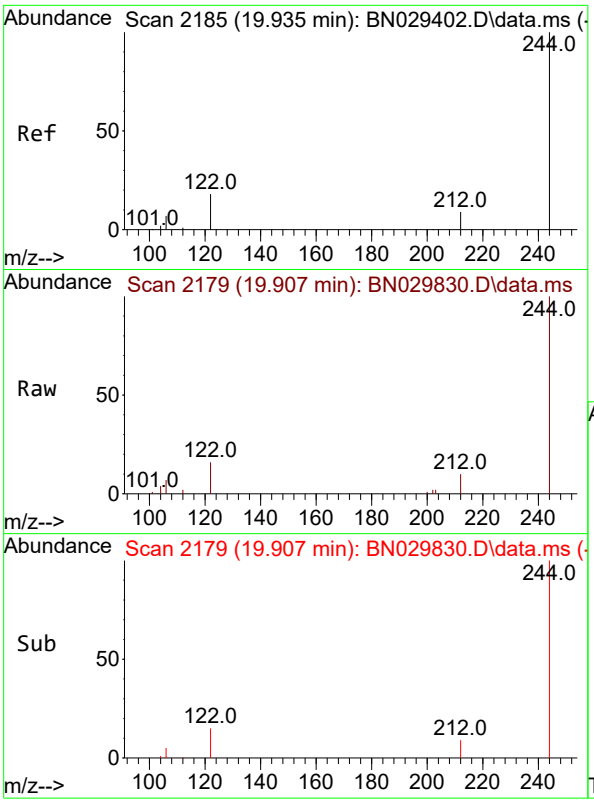


#30
Pyrene
Concen: 0.266 ng
RT: 19.694 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:202 Resp: 12355

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.5	14.2	21.4



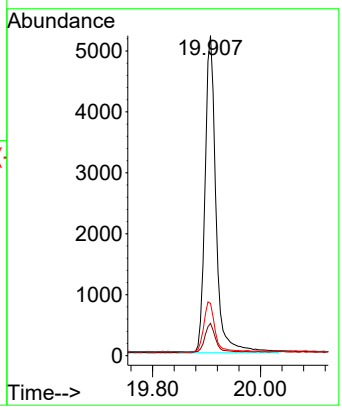


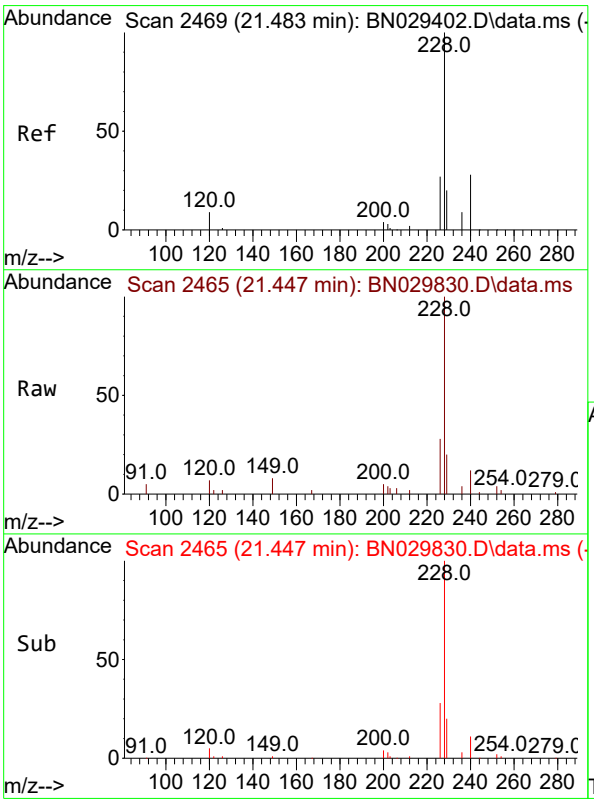
#31
Terphenyl-d14
Concen: 0.294 ng
RT: 19.907 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:244 Resp: 7342

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.2	12.4
122	16.3	15.6	23.4

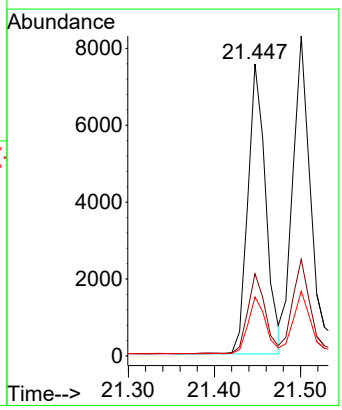


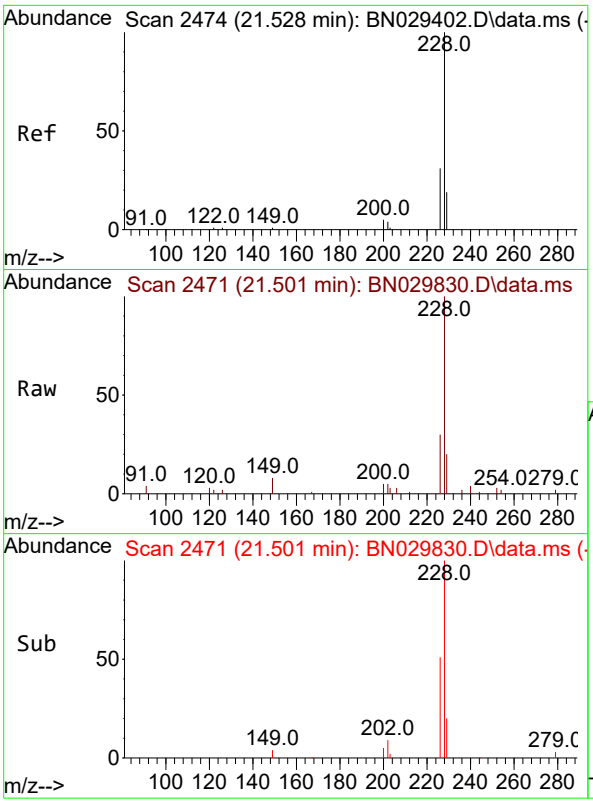


#32
Benzo(a)anthracene
Concen: 0.315 ng
RT: 21.447 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:228 Resp: 10833

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	20.2	16.5	24.7



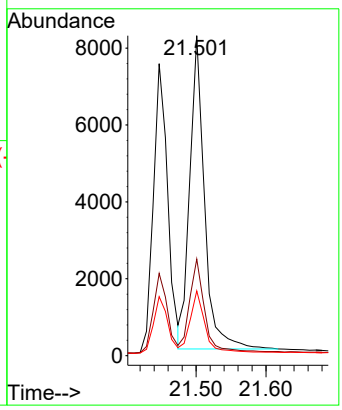


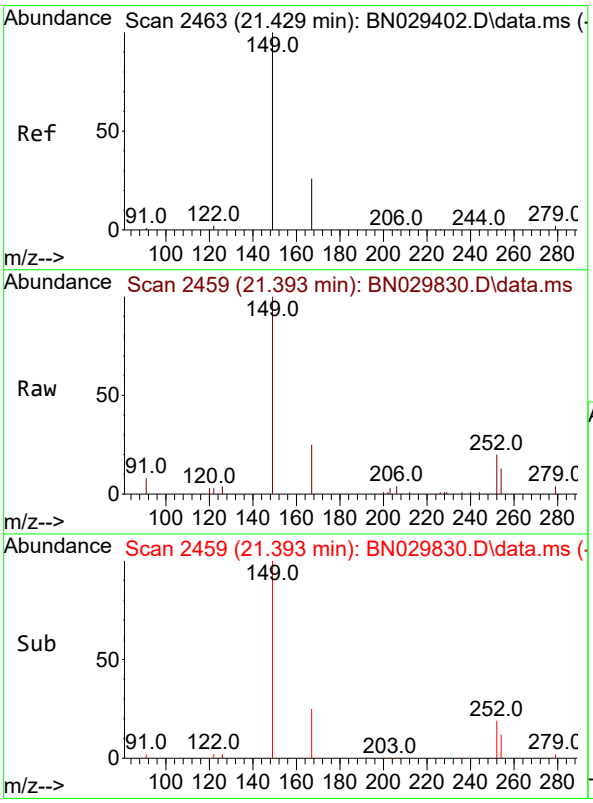
#33
Chrysene
Concen: 0.306 ng
RT: 21.501 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:228 Resp: 11959

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	20.2	15.9	23.9

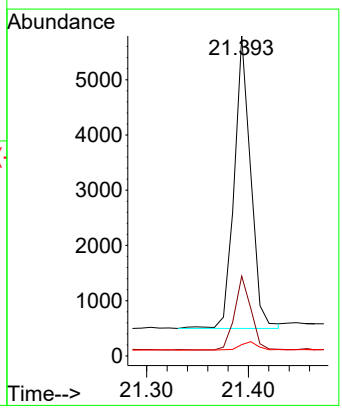


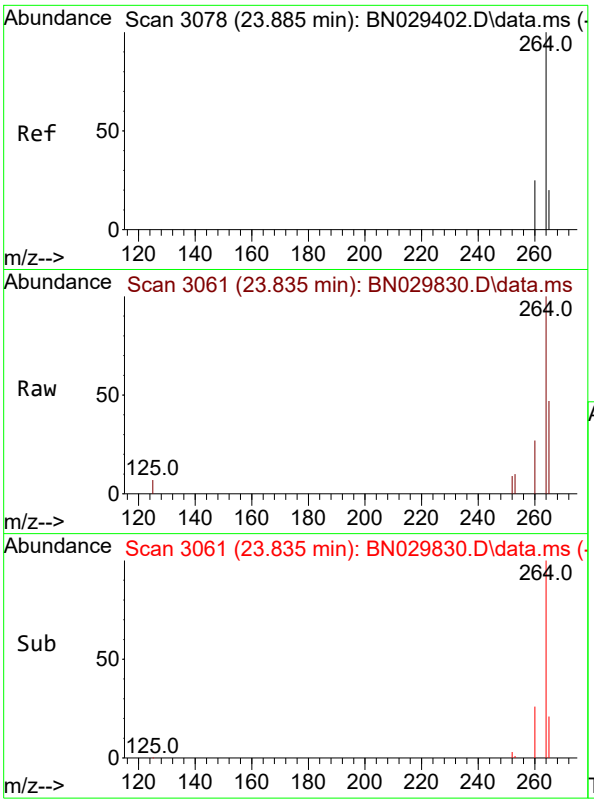


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.254 ng
RT: 21.393 min Scan# 2459
Delta R.T. -0.000 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:149 Resp: 5949

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.1	30.1
279	3.4	2.5	3.7



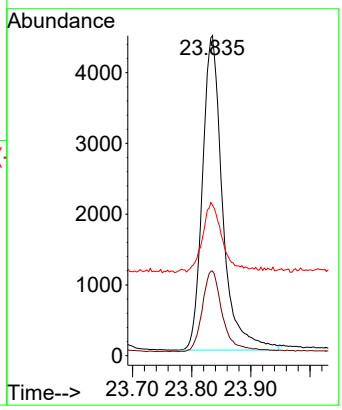


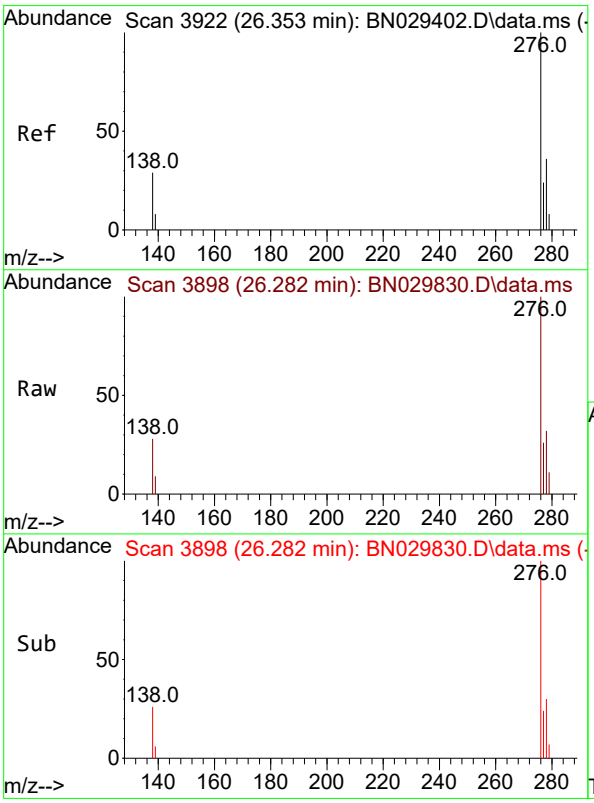
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.835 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:264 Resp: 10504

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	47.0	41.5	62.3

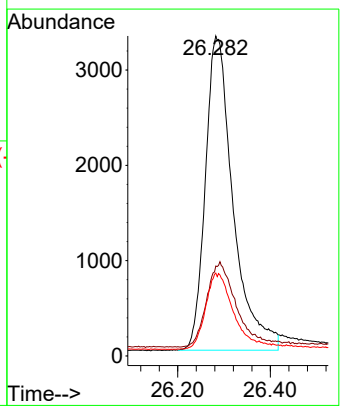


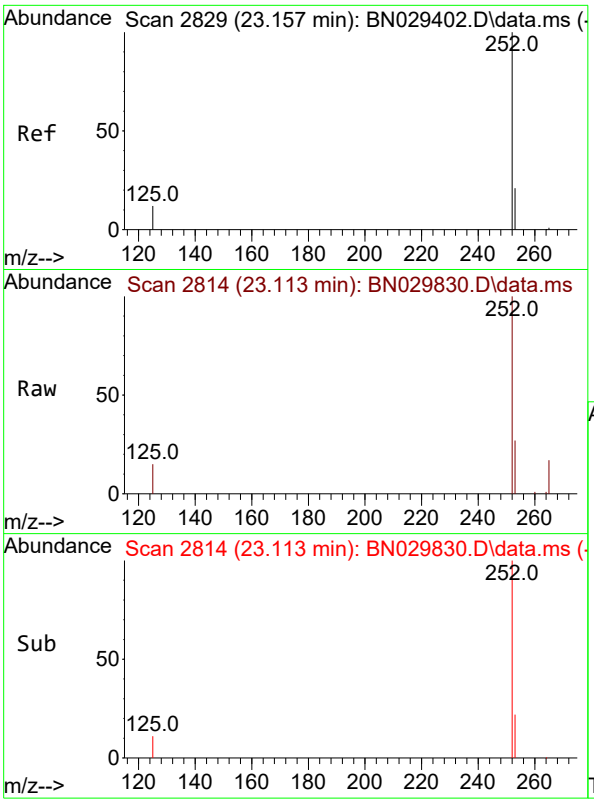


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng
RT: 26.282 min Scan# 3898
Delta R.T. 0.003 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:276 Resp: 13705

Ion	Ratio	Lower	Upper
276	100		
138	28.4	20.5	30.7
277	23.8	17.0	25.4



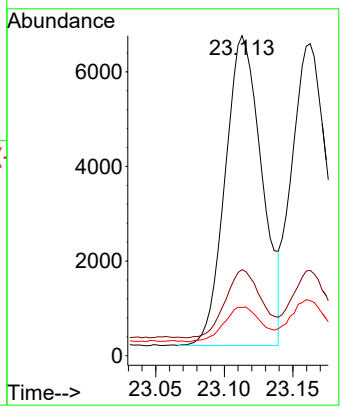


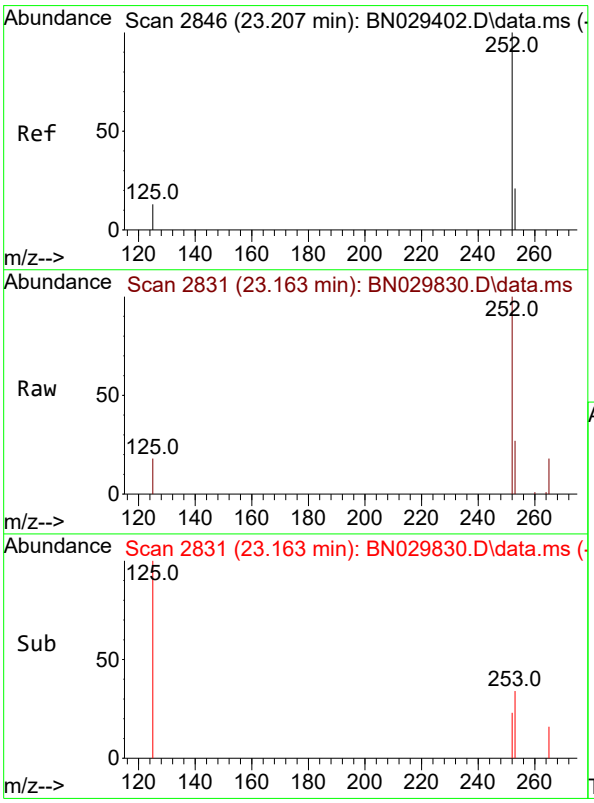
#37
Benzo(b)fluoranthene
Concen: 0.325 ng
RT: 23.113 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:252 Resp: 12190

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.7	32.5
125	15.1	13.3	19.9

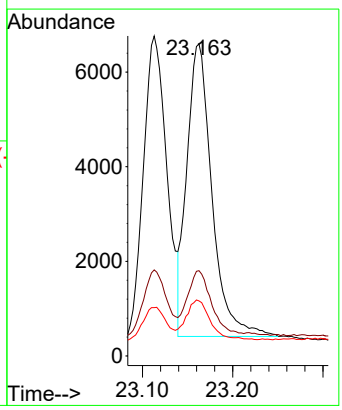


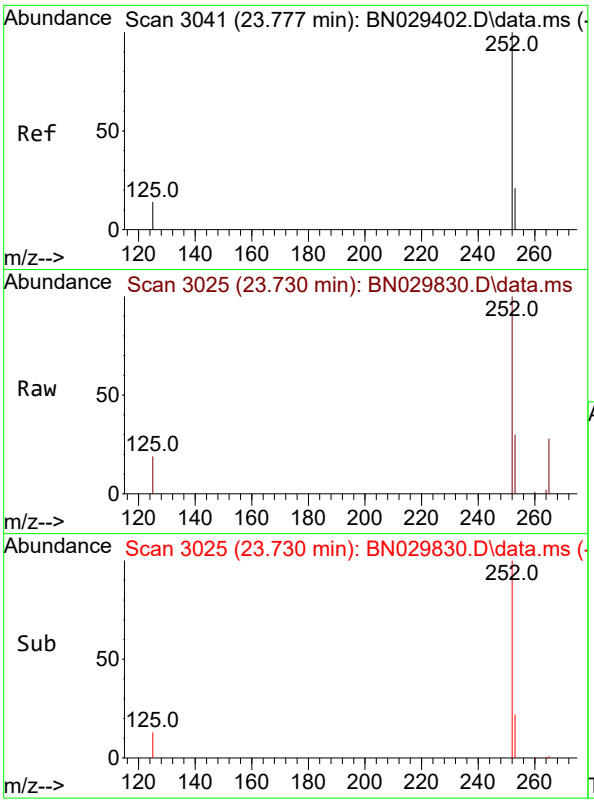


#38
Benzo(k)fluoranthene
Concen: 0.304 ng
RT: 23.163 min Scan# 2831
Delta R.T. 0.003 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:252 Resp: 11960

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.8
125	17.6	13.9	20.9



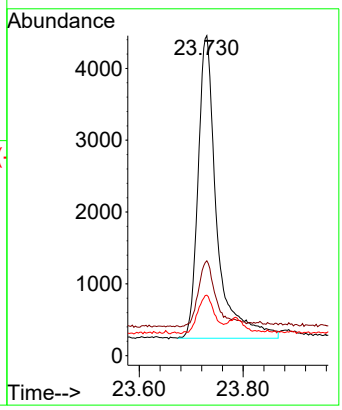


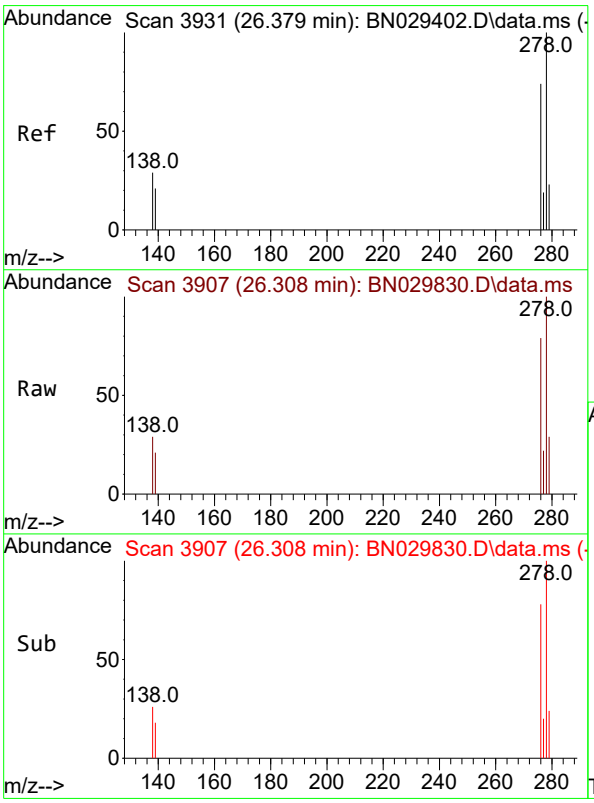
#39
Benzo(a)pyrene
Concen: 0.321 ng
RT: 23.730 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:252 Resp: 10511

Ion	Ratio	Lower	Upper
252	100		
253	29.6	24.9	37.3
125	18.9	16.6	25.0

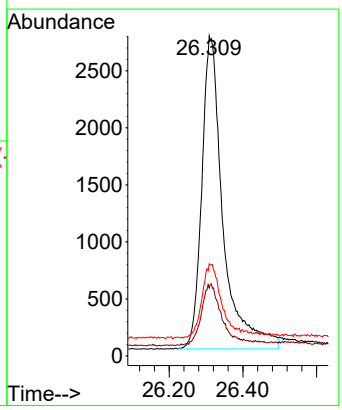


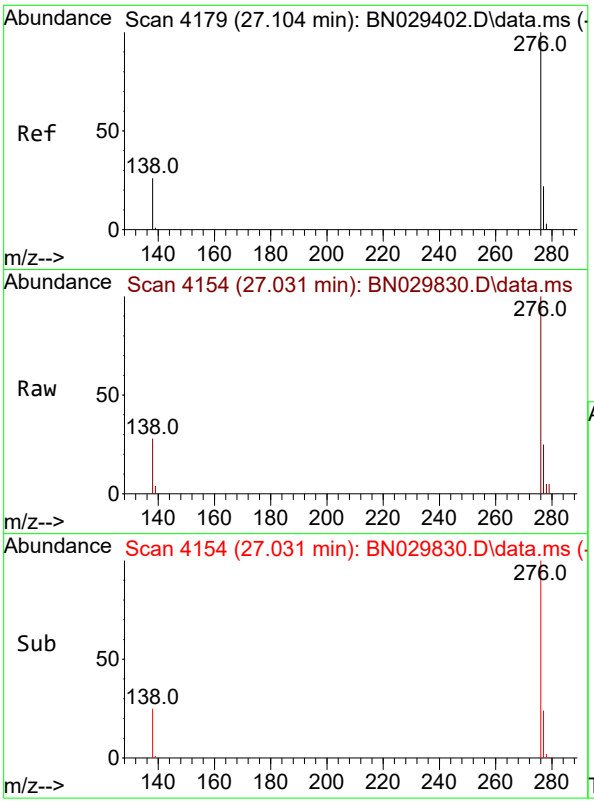


#40
Dibenzo(a,h)anthracene
Concen: 0.327 ng
RT: 26.308 min Scan# 3907
Delta R.T. -0.003 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Tgt Ion:278 Resp: 10982

Ion	Ratio	Lower	Upper
278	100		
139	21.2	20.4	30.6
279	28.8	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.304 ng
RT: 27.031 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029830.D
Acq: 16 Feb 2024 17:12

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Tgt Ion:276 Resp: 12446

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.2
138	27.7	23.5	35.3