Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029829.D
Acq On : 16 Feb 2024 16:37
Operator : MA/JU
Sample : PB158918BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Quant Time: Feb 16 23:56:40 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	7401	0.400	ng	0.00
7) Naphthalene-d8	10.669	136	19542	0.400	ng	# 0.00
13) Acenaphthene-d10	14.511	164	9141	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	17540	0.400	ng	0.00
29) Chrysene-d12	21.465	240	14707	0.400	ng	# 0.00
35) Perylene-d12	23.832	264	15467	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	7585	0.427	ng	0.00
5) Phenol-d6	7.038	99	8650	0.422	ng	0.00
8) Nitrobenzene-d5	9.035	82	5687	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.257	152	11556	0.434	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	1282	0.437	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	12941	0.330	ng	0.00
27) Fluoranthene-d10	19.299	212	13422	0.316	ng	0.00
31) Terphenyl-d14	19.907	244	10519	0.288	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	3162	0.303	ng	# 69
3) n-Nitrosodimethylamine	3.694	42	2578	0.304	ng	# 88
6) bis(2-Chloroethyl)ether	7.305	93	6490	0.332	ng	96
9) Naphthalene	10.712	128	16816	0.302	ng	99
10) Hexachlorobutadiene	10.989	225	3189	0.302	ng	# 100
12) 2-Methylnaphthalene	12.333	142	10039	0.307	ng	99
16) Acenaphthylene	14.222	152	14112	0.325	ng	100
17) Acenaphthene	14.564	154	8426	0.289	ng	100
18) Fluorene	15.555	166	10348	0.283	ng	98
20) 4,6-Dinitro-2-methylph...	15.654	198	483	0.187	ng	# 75
21) 4-Bromophenyl-phenylether	16.461	248	3204	0.307	ng	# 74
22) Hexachlorobenzene	16.560	284	3673	0.287	ng	97
23) Atrazine	16.734	200	2341	0.315	ng	97
24) Pentachlorophenol	16.908	266	1550	0.382	ng	97
25) Phenanthrene	17.305	178	15981	0.308	ng	99
26) Anthracene	17.392	178	13844	0.313	ng	100
28) Fluoranthene	19.327	202	16853	0.289	ng	98
30) Pyrene	19.694	202	17897	0.264	ng	100
32) Benzo(a)anthracene	21.447	228	15194	0.302	ng	99
33) Chrysene	21.501	228	16442	0.288	ng	99
34) Bis(2-ethylhexyl)phtha...	21.393	149	8644	0.252	ng	100
36) Indeno(1,2,3-cd)pyrene	26.279	276	18436	0.296	ng	93
37) Benzo(b)fluoranthene	23.113	252	16749	0.303	ng	96
38) Benzo(k)fluoranthene	23.163	252	16787	0.290	ng	98
39) Benzo(a)pyrene	23.730	252	14388	0.298	ng	93
40) Dibenzo(a,h)anthracene	26.311	278	14655	0.296	ng	93
41) Benzo(g,h,i)perylene	27.031	276	16733	0.278	ng	96

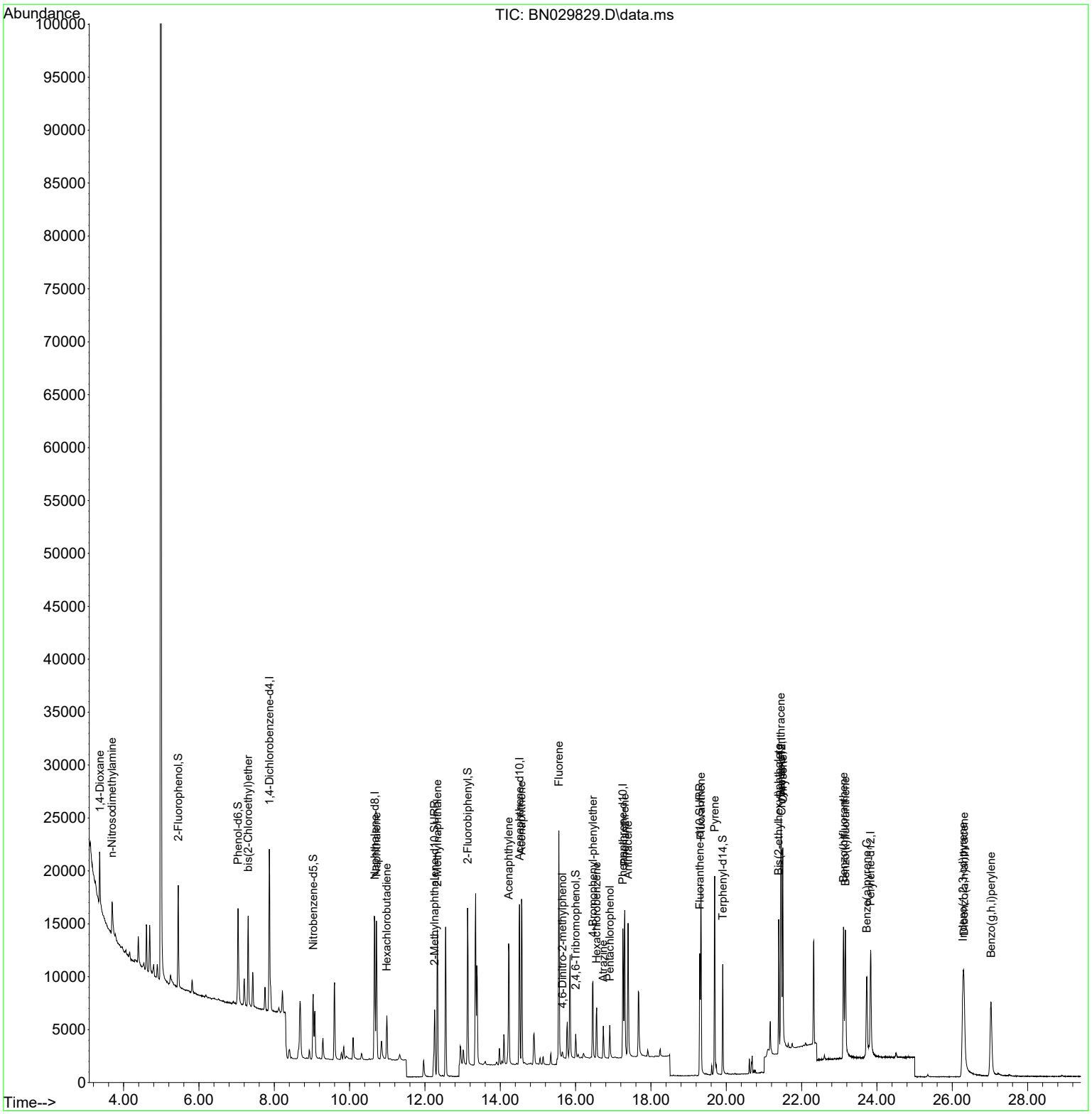
(#) = qualifier out of range (m) = manual integration (+) = signals summed

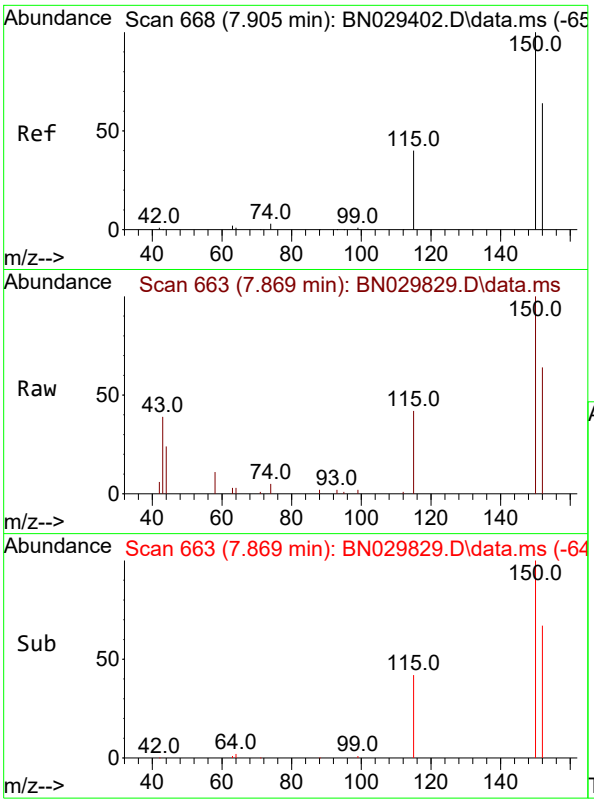
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029829.D
Acq On : 16 Feb 2024 16:37
Operator : MA/JU
Sample : PB158918BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Quant Time: Feb 16 23:56:40 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



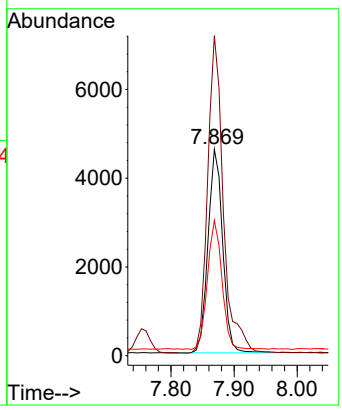


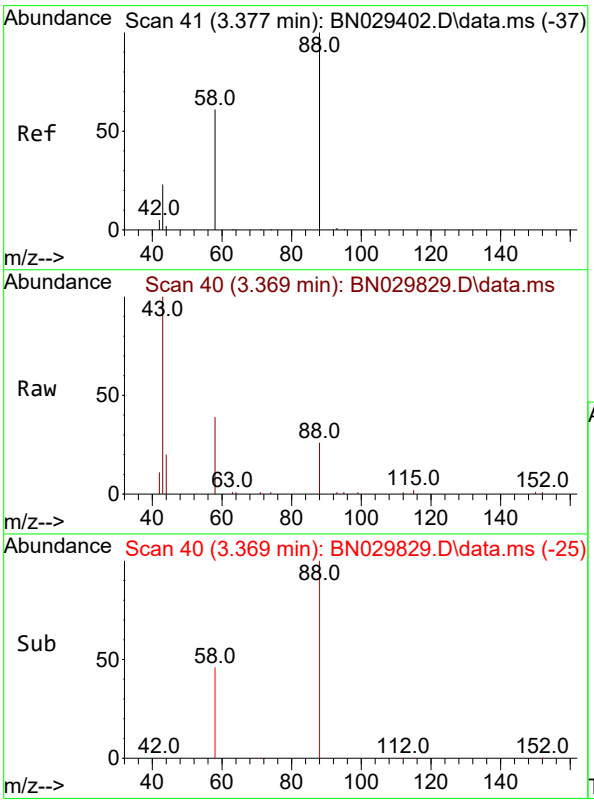
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:152 Resp: 7401

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.0	184.4
115	65.5	51.4	77.0

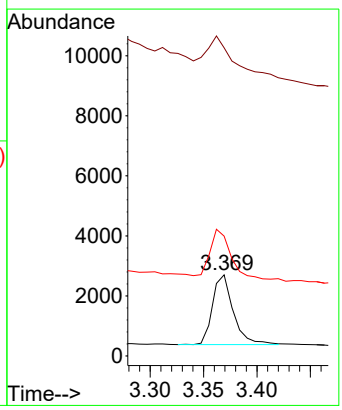


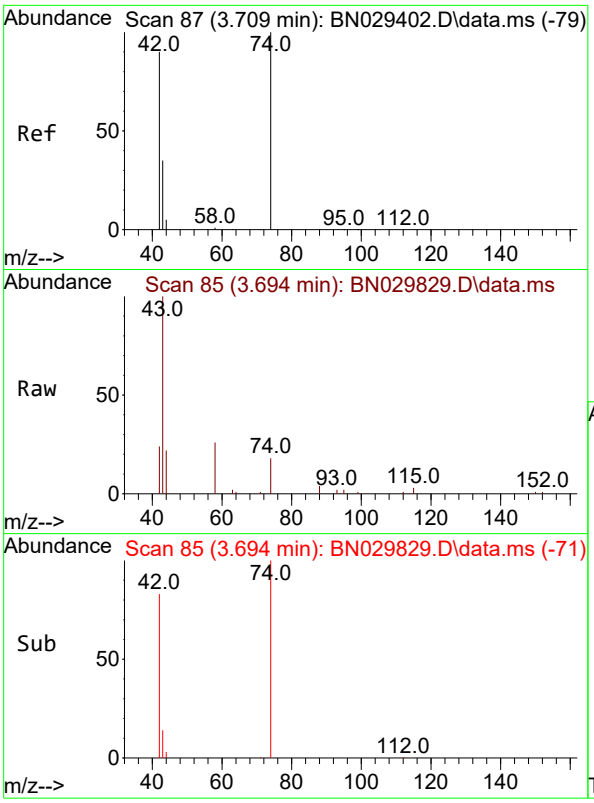


#2
1,4-Dioxane
Concen: 0.303 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.007 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion: 88 Resp: 3162

Ion	Ratio	Lower	Upper
88	100		
43	78.9	23.3	34.9#
58	71.0	53.8	80.6



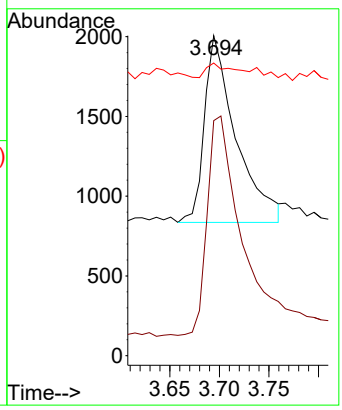


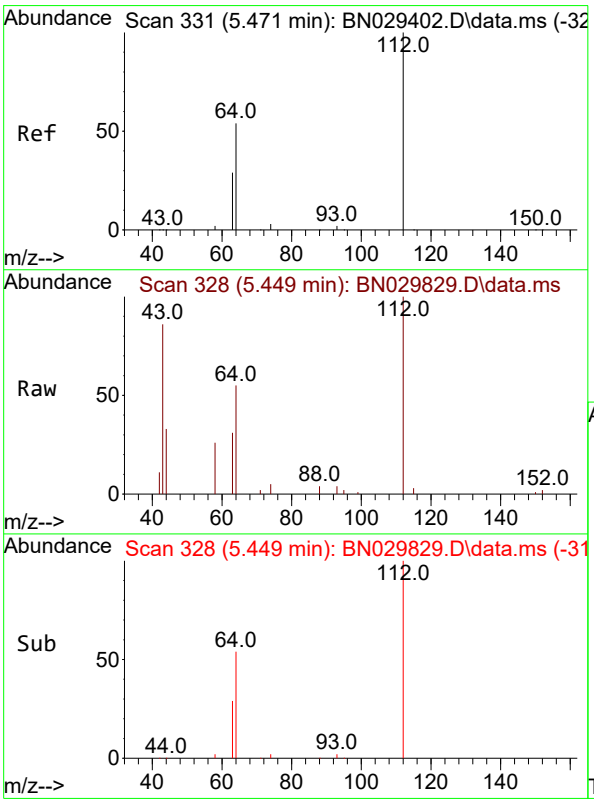
#3
n-Nitrosodimethylamine
Concen: 0.304 ng
RT: 3.694 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion: 42 Resp: 2578

Ion	Ratio	Lower	Upper
42	100		
74	129.1	93.7	140.5
44	9.0	13.0	19.4#

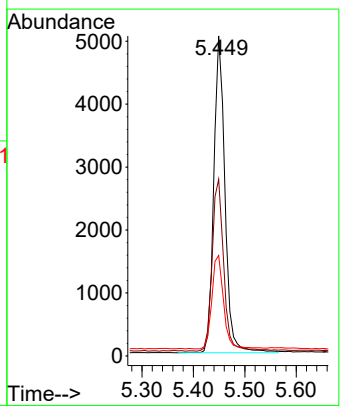


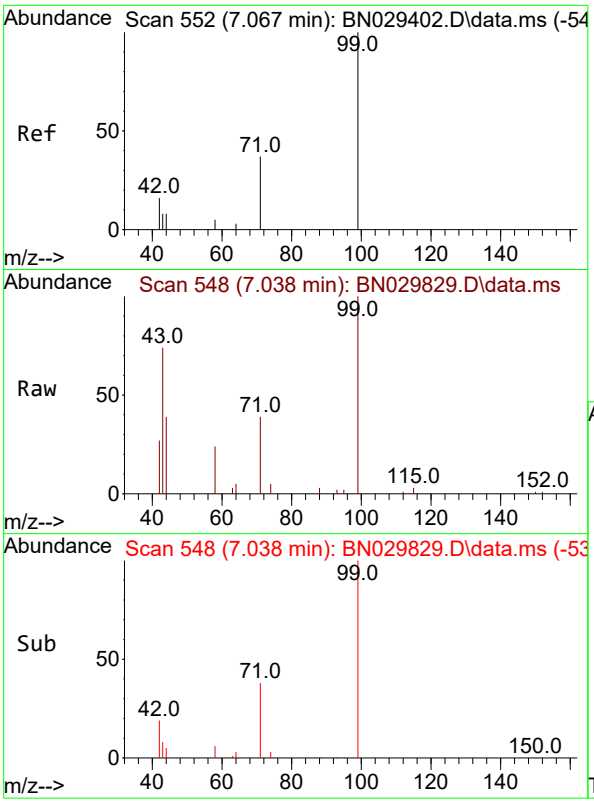


#4
2-Fluorophenol
Concen: 0.427 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:112 Resp: 7585

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.2	70.8
63	31.2	25.8	38.6



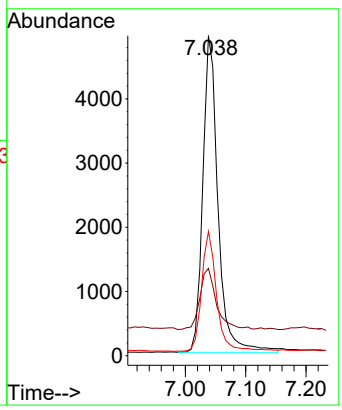


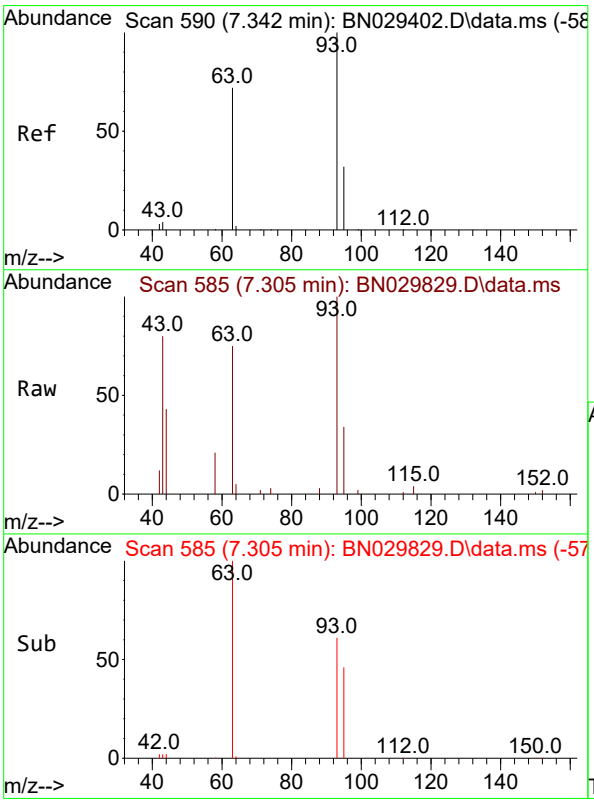
#5
Phenol-d6
Concen: 0.422 ng
RT: 7.038 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion: 99 Resp: 8650

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.9	25.3
71	37.5	30.0	45.0

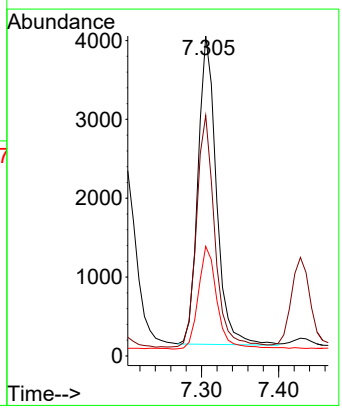


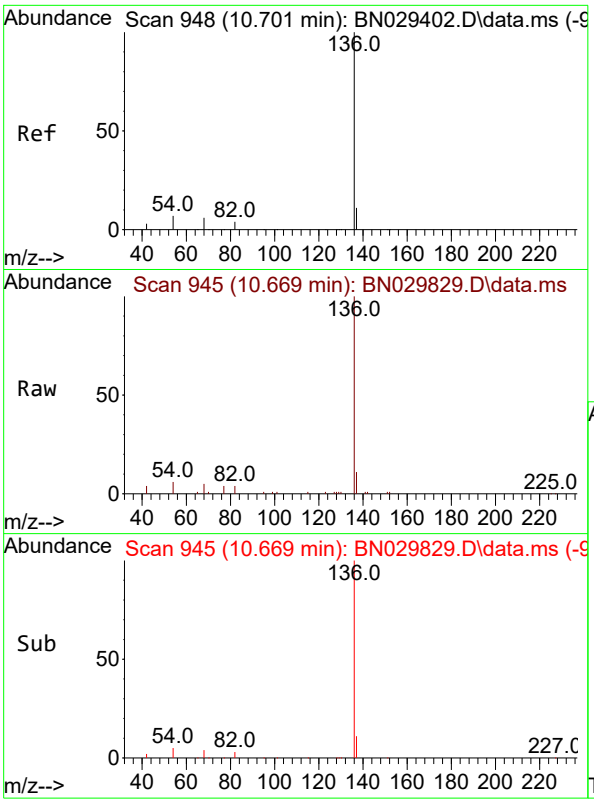


#6
bis(2-Chloroethyl)ether
Concen: 0.332 ng
RT: 7.305 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion: 93 Resp: 6490

Ion	Ratio	Lower	Upper
93	100		
63	74.6	63.1	94.7
95	34.4	27.1	40.7



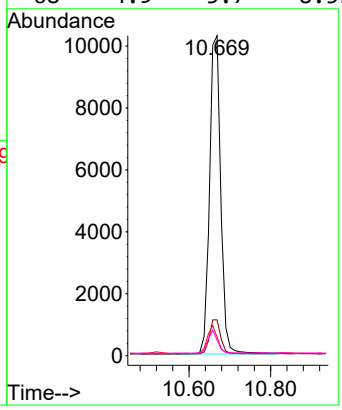


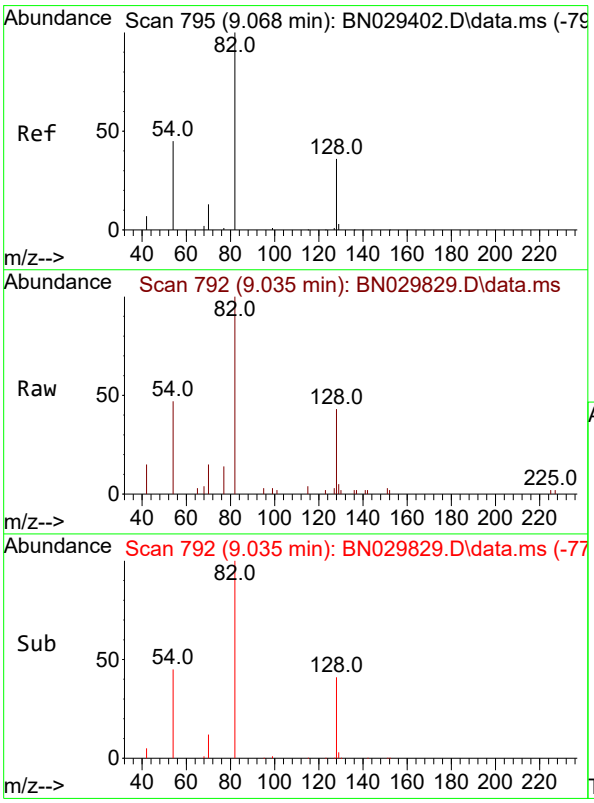
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:136 Resp: 19542

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.7	14.5
54	5.7	6.6	10.0#
68	4.9	5.7	8.5#

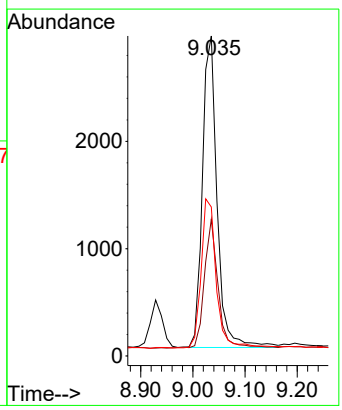


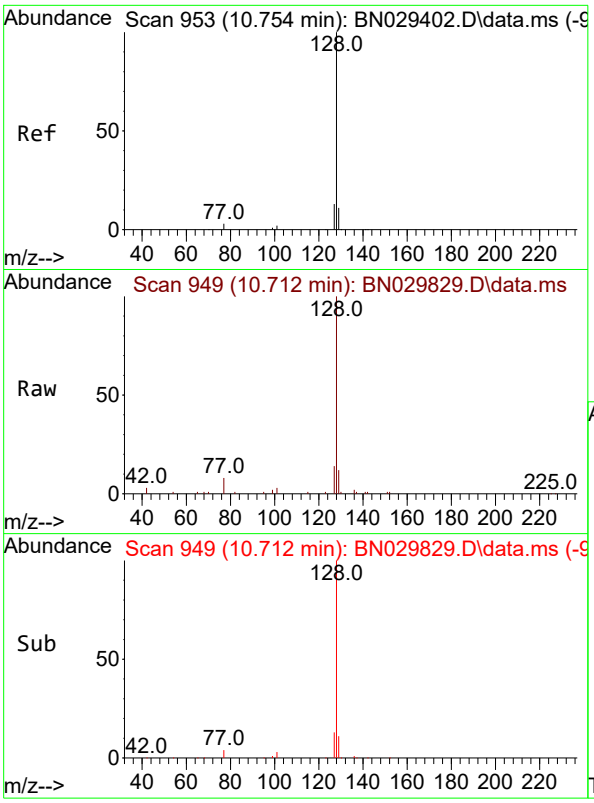


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 9.035 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion: 82 Resp: 5687

Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.6	47.4
54	46.5	38.2	57.4



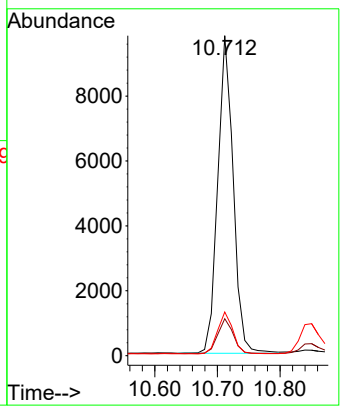


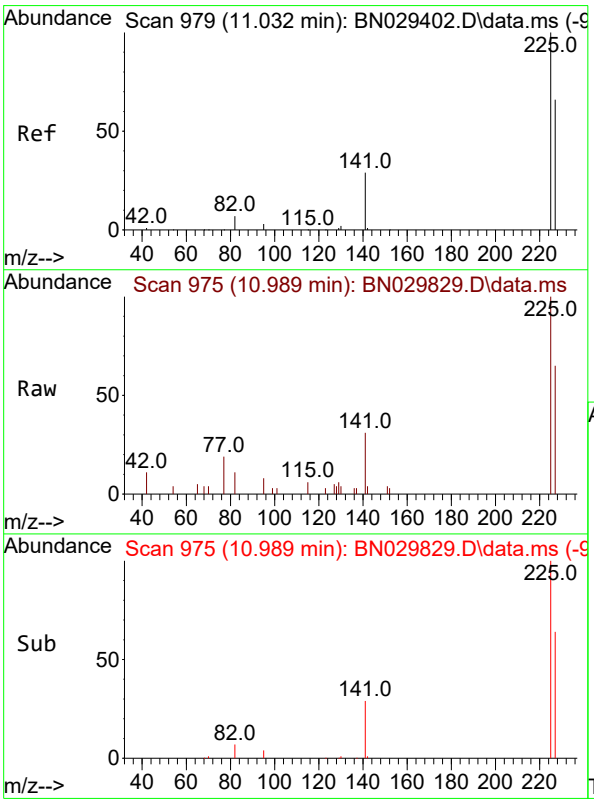
#9
Naphthalene
Concen: 0.302 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:128 Resp: 16816

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

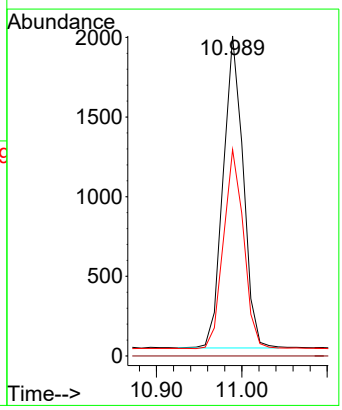


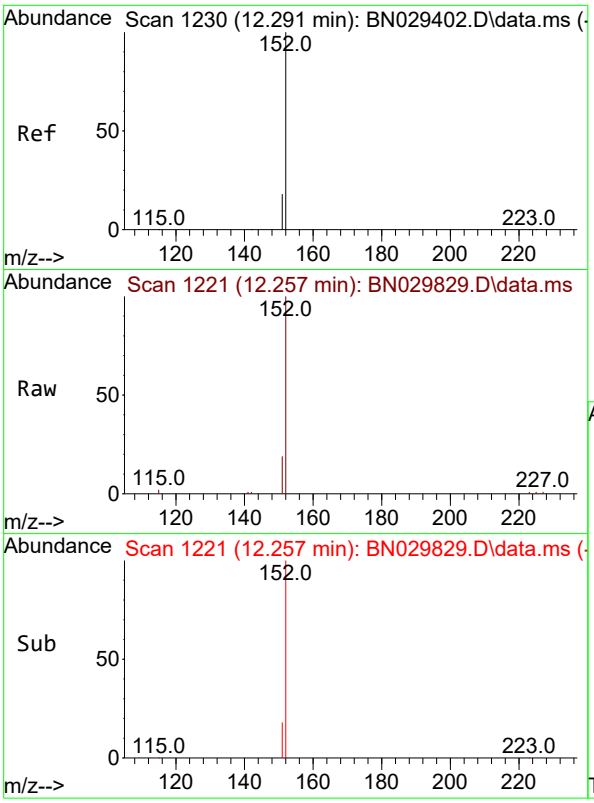


#10
Hexachlorobutadiene
Concen: 0.302 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:225 Resp: 3189

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



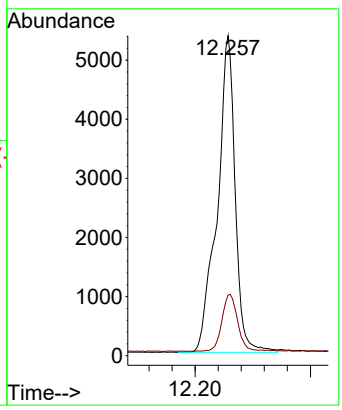


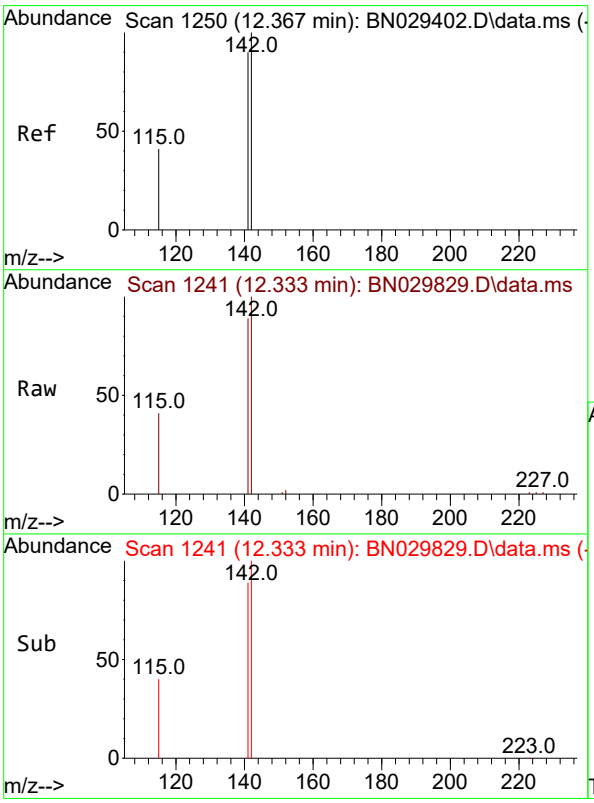
#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 12.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:152 Resp: 11556

Ion	Ratio	Lower	Upper
152	100		
151	16.0	17.1	25.7#

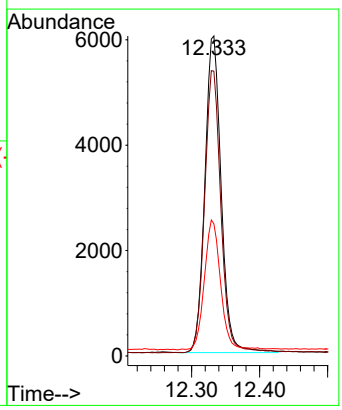


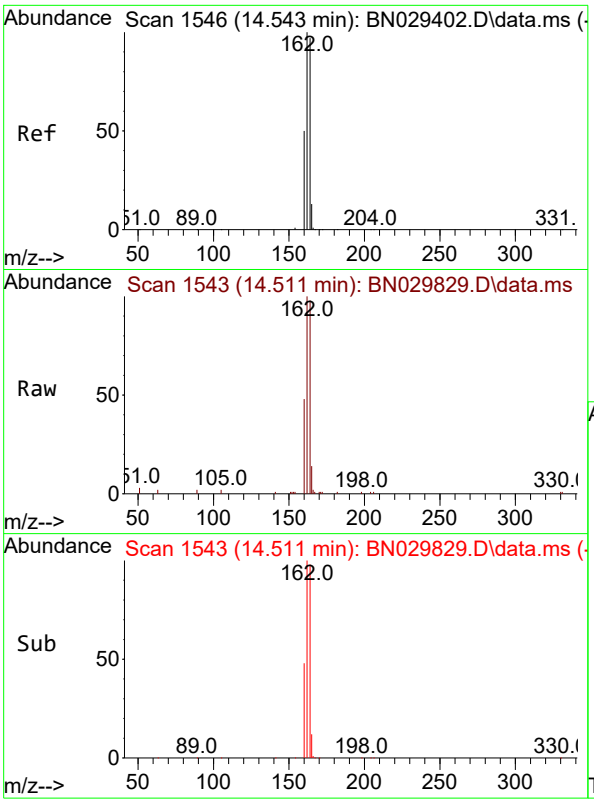


#12
2-Methylnaphthalene
Concen: 0.307 ng
RT: 12.333 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:142 Resp: 10039

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	41.3	33.9	50.9



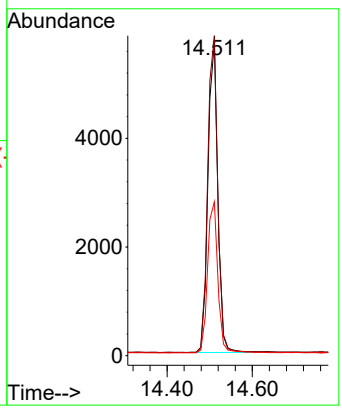


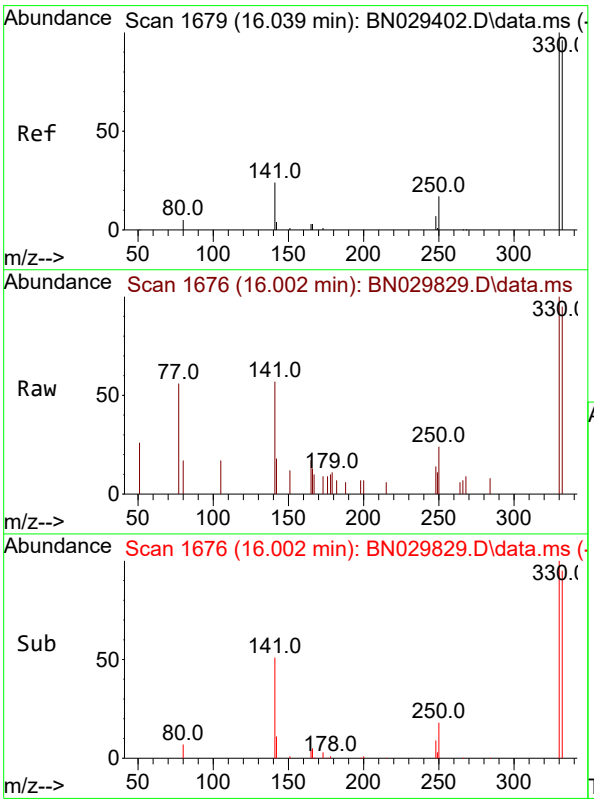
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:164 Resp: 9141

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	49.1	41.5	62.3

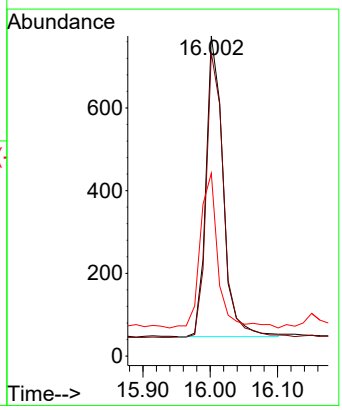


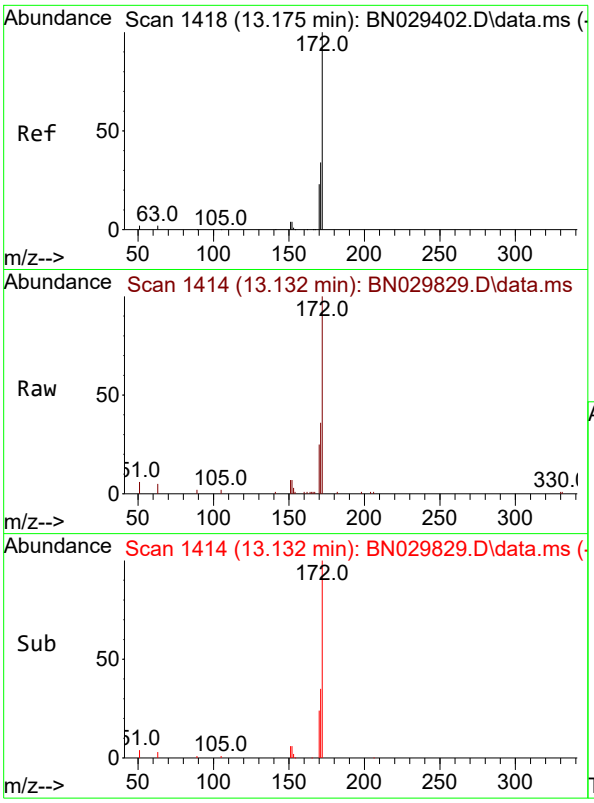


#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:330 Resp: 1282

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	53.5	43.4	65.2



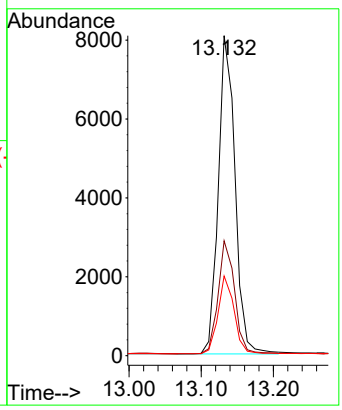


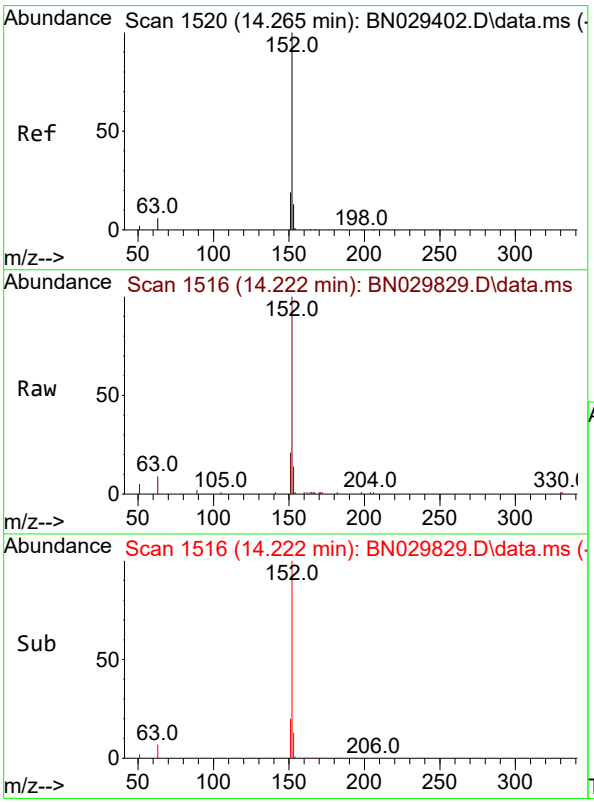
#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.132 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:172 Resp: 12941

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.0	42.0
170	24.9	18.7	28.1

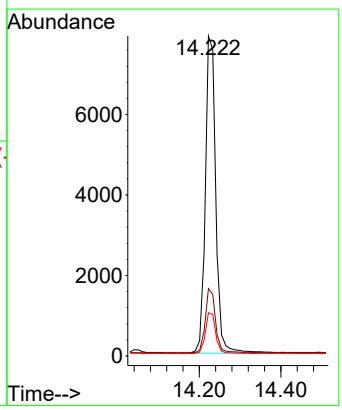


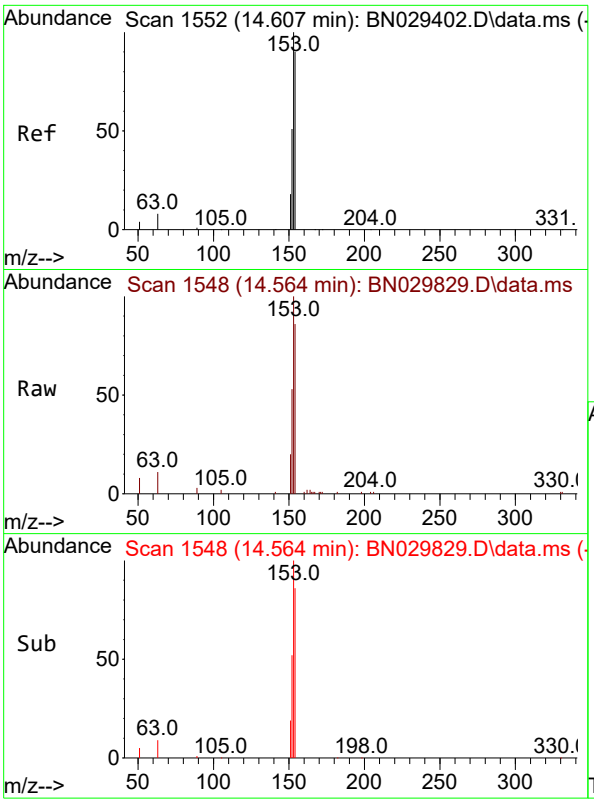


#16
Acenaphthylene
Concen: 0.325 ng
RT: 14.222 min Scan# 1516
Delta R.T. -0.011 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:152 Resp: 14112

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.9	10.5	15.7



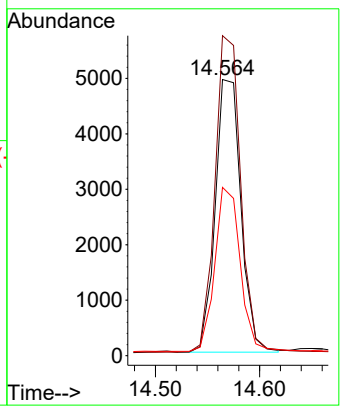


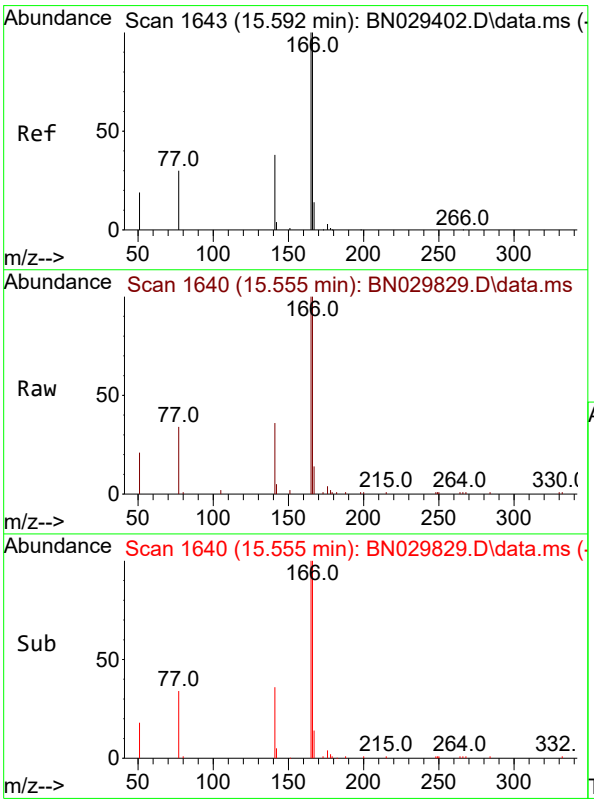
#17
Acenaphthene
Concen: 0.289 ng
RT: 14.564 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:154 Resp: 8426

Ion	Ratio	Lower	Upper
154	100		
153	117.0	93.6	140.4
152	60.2	48.6	73.0

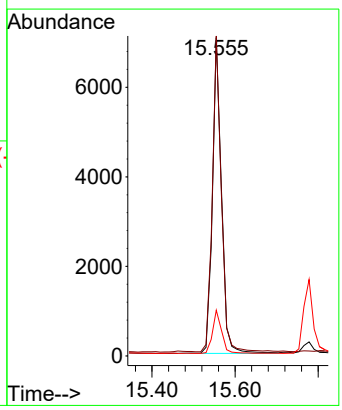


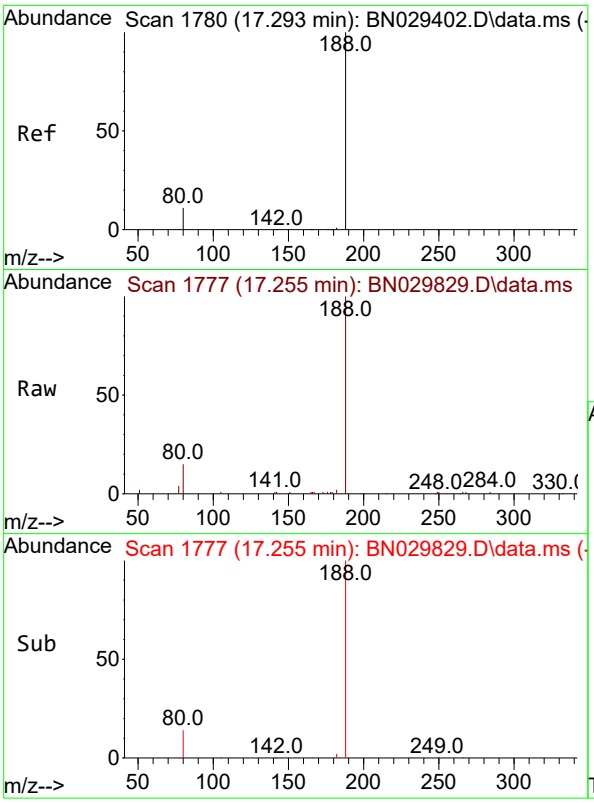


#18
Fluorene
Concen: 0.283 ng
RT: 15.555 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:166 Resp: 10348

Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.9	119.9
167	14.0	11.3	16.9



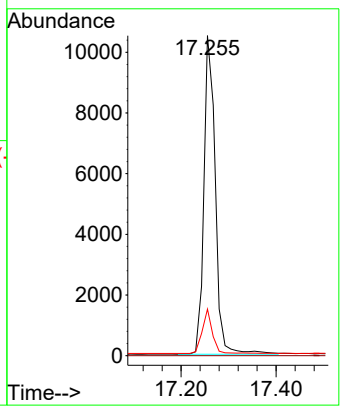


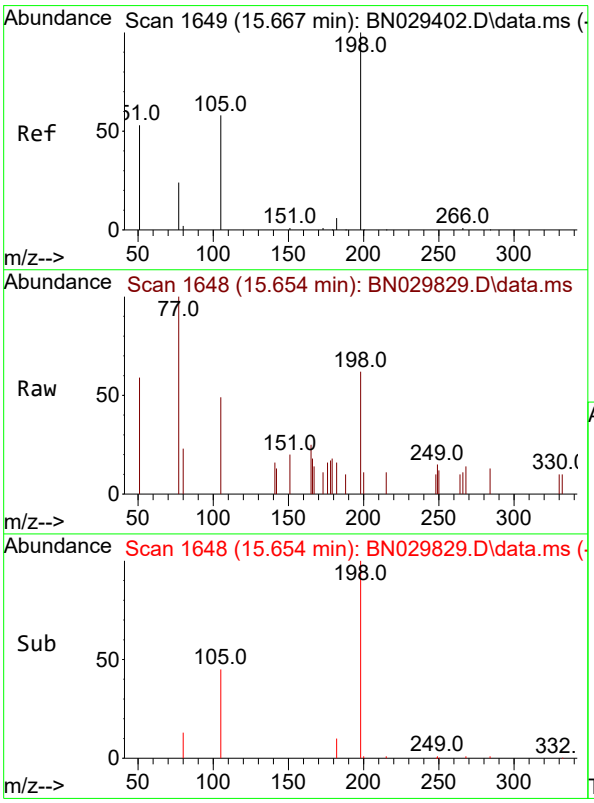
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:188 Resp: 17540

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	10.0	15.0

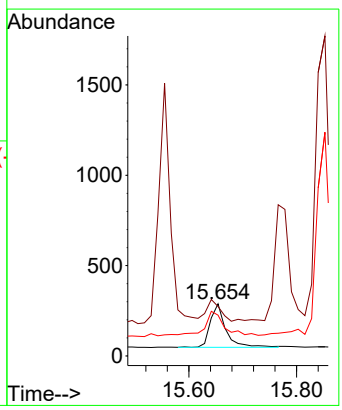


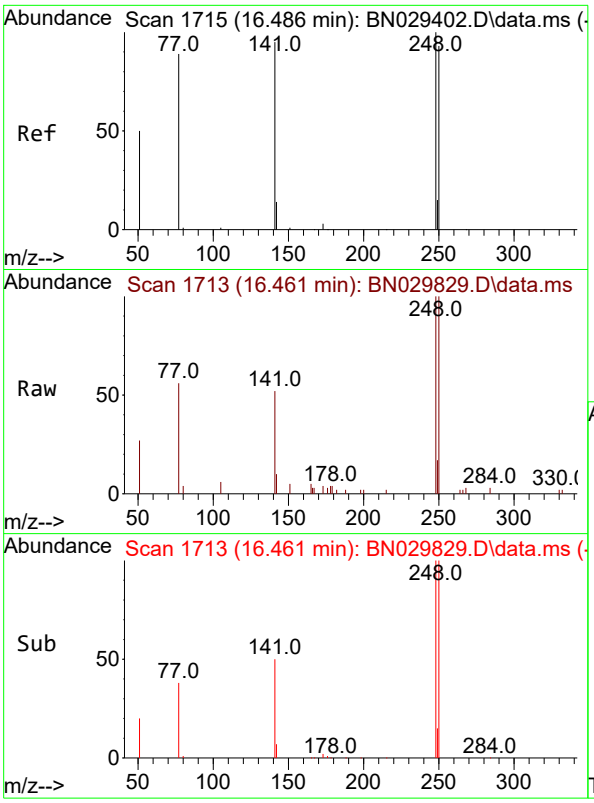


#20
4,6-Dinitro-2-methylphenol
Concen: 0.187 ng
RT: 15.654 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:198 Resp: 483

Ion	Ratio	Lower	Upper
198	100		
51	94.8	111.0	166.6#
105	78.2	67.0	100.6



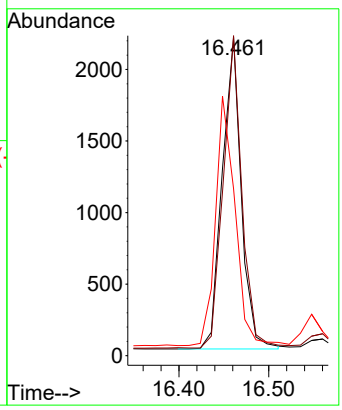


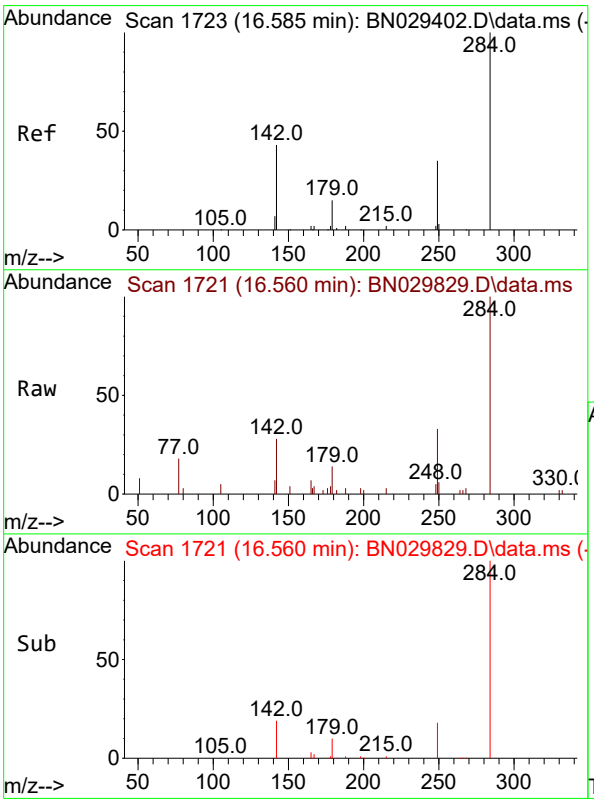
#21
4-Bromophenyl-phenylether
Concen: 0.307 ng
RT: 16.461 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:248 Resp: 3204

Ion	Ratio	Lower	Upper
248	100		
250	100.5	75.0	112.4
141	52.4	77.0	115.6#

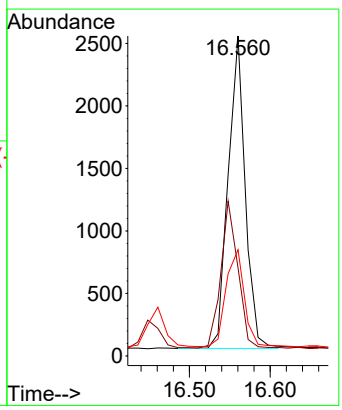


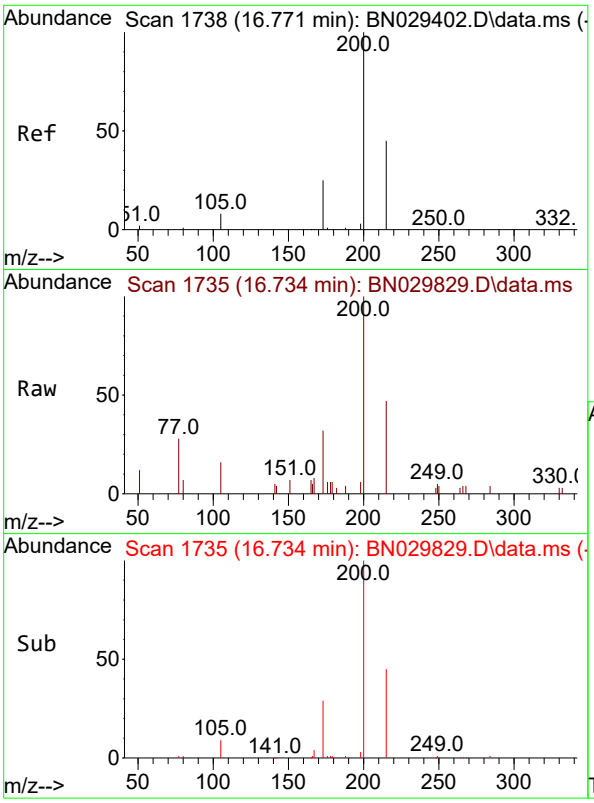


#22
Hexachlorobenzene
Concen: 0.287 ng
RT: 16.560 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:284 Resp: 3673

Ion	Ratio	Lower	Upper
284	100		
142	46.8	39.4	59.2
249	33.1	26.9	40.3



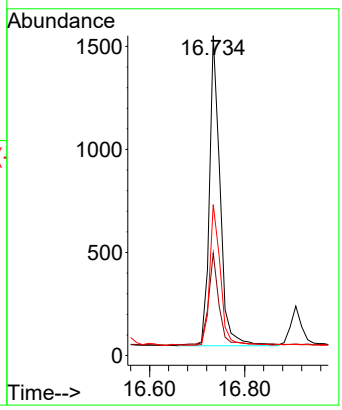


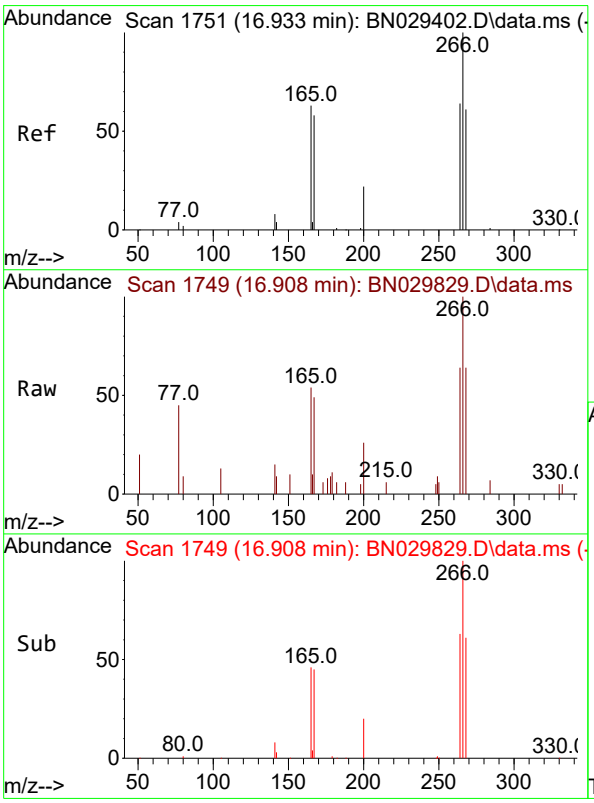
#23
Atrazine
Concen: 0.315 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:200 Resp: 2341

Ion	Ratio	Lower	Upper
200	100		
173	32.1	23.4	35.0
215	47.2	38.4	57.6

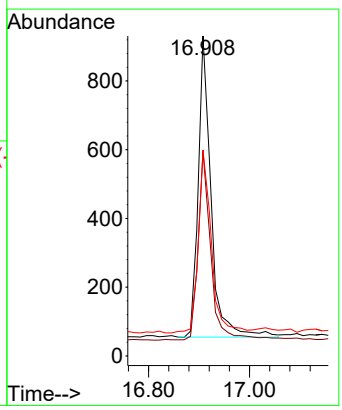


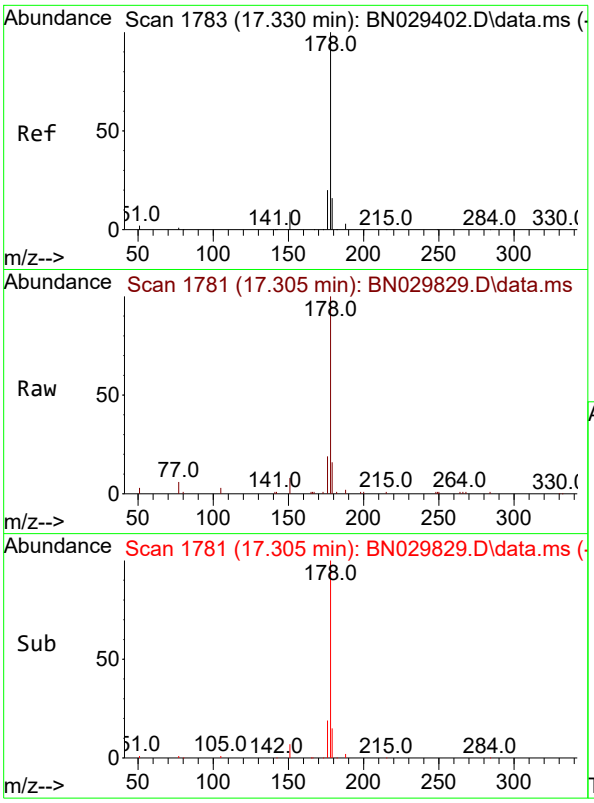


#24
Pentachlorophenol
Concen: 0.382 ng
RT: 16.908 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:266 Resp: 1550

Ion	Ratio	Lower	Upper
266	100		
264	61.2	50.8	76.2
268	61.5	51.5	77.3



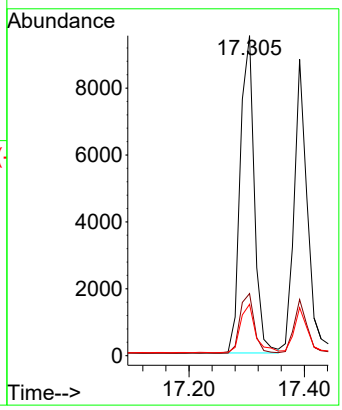


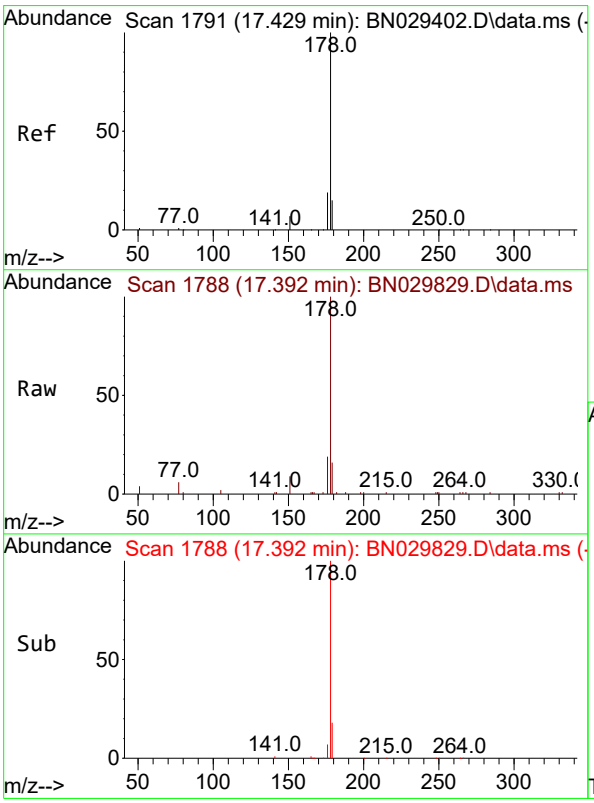
#25
Phenanthrene
Concen: 0.308 ng
RT: 17.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:178 Resp: 15981

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.4	12.6	19.0

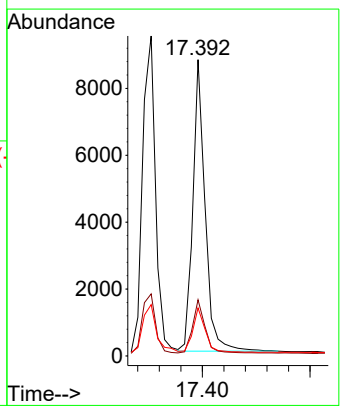


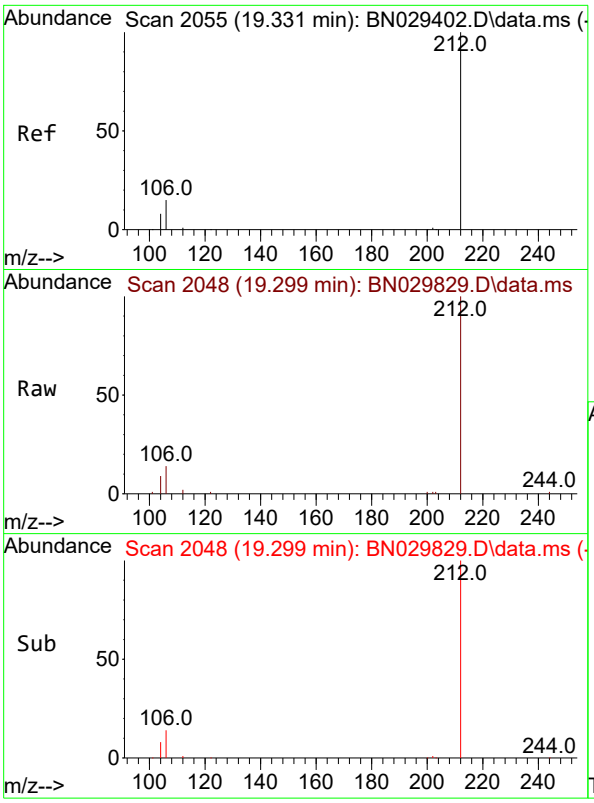


#26
Anthracene
Concen: 0.313 ng
RT: 17.392 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:178 Resp: 13844

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.4	12.3	18.5



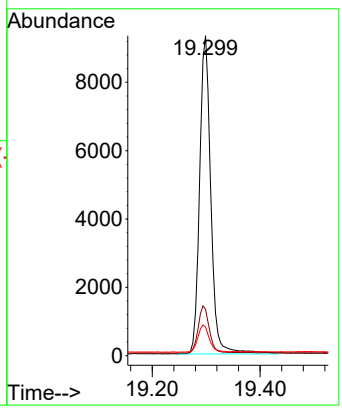


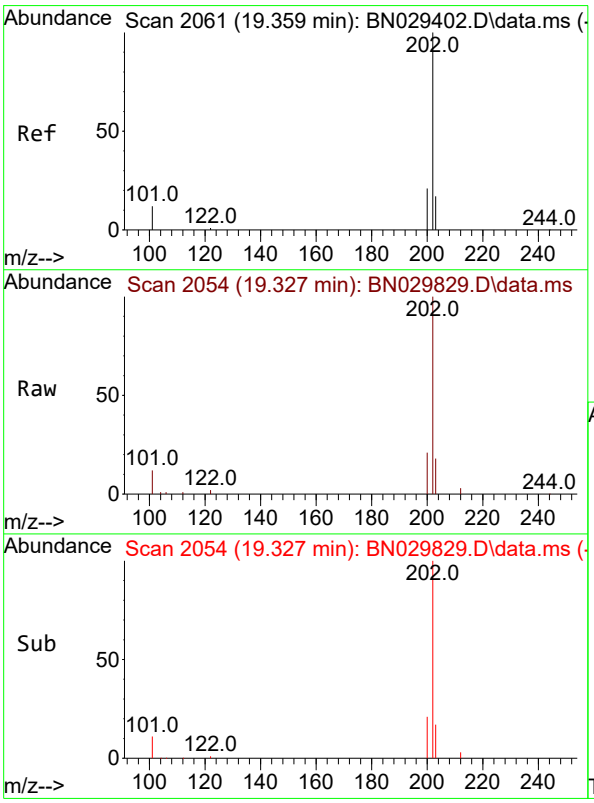
#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.299 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:212 Resp: 13422

Ion	Ratio	Lower	Upper
212	100		
106	14.6	13.2	19.8
104	8.8	7.7	11.5

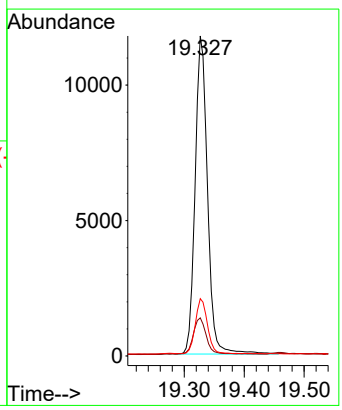


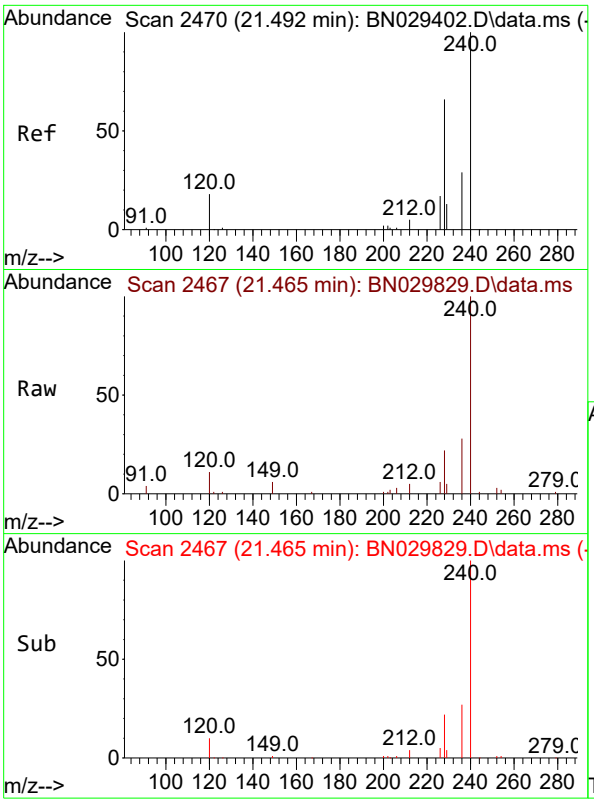


#28
Fluoranthene
Concen: 0.289 ng
RT: 19.327 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:202 Resp: 16853

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.5	15.7
203	16.8	13.5	20.3



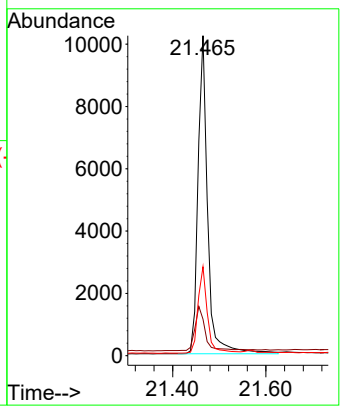


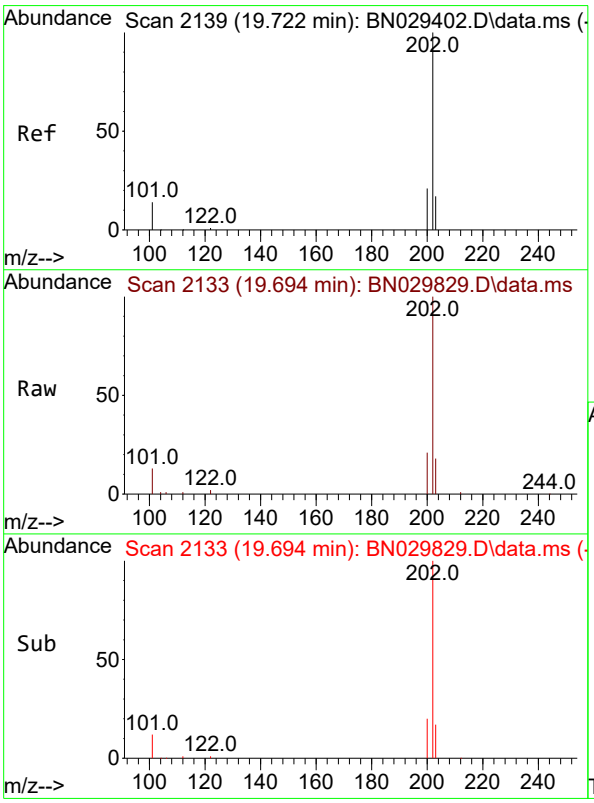
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:240 Resp: 14707

Ion	Ratio	Lower	Upper
240	100		
120	11.4	16.7	25.1#
236	27.8	23.9	35.9

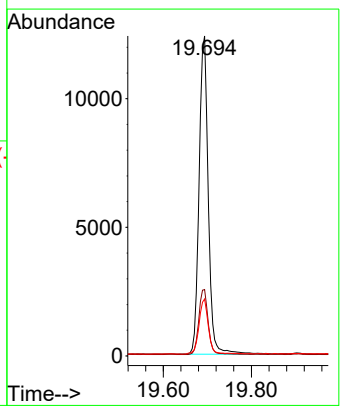


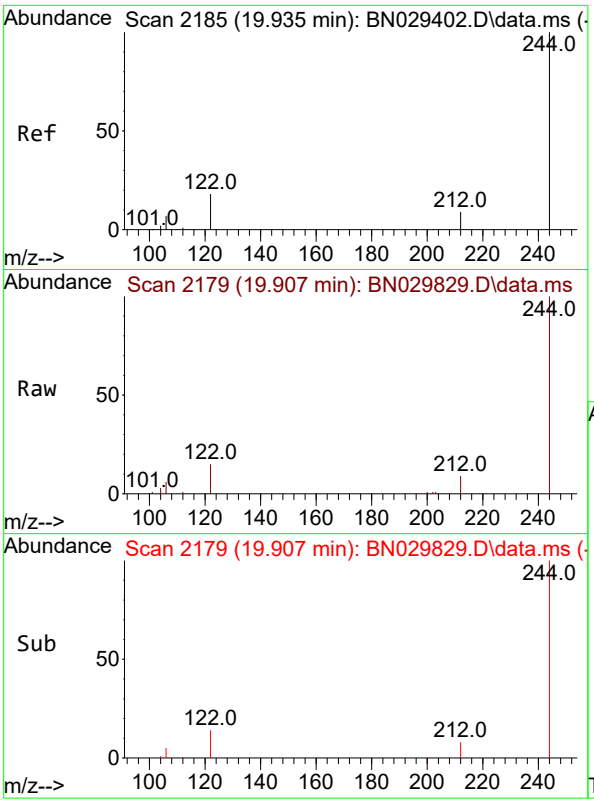


#30
Pyrene
Concen: 0.264 ng
RT: 19.694 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:202 Resp: 17897

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	14.2	21.4



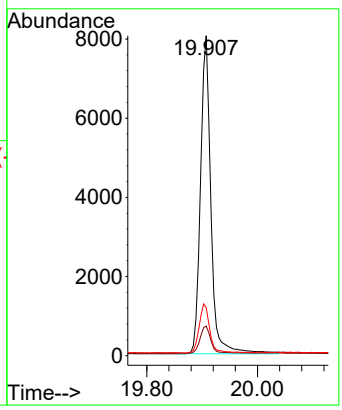


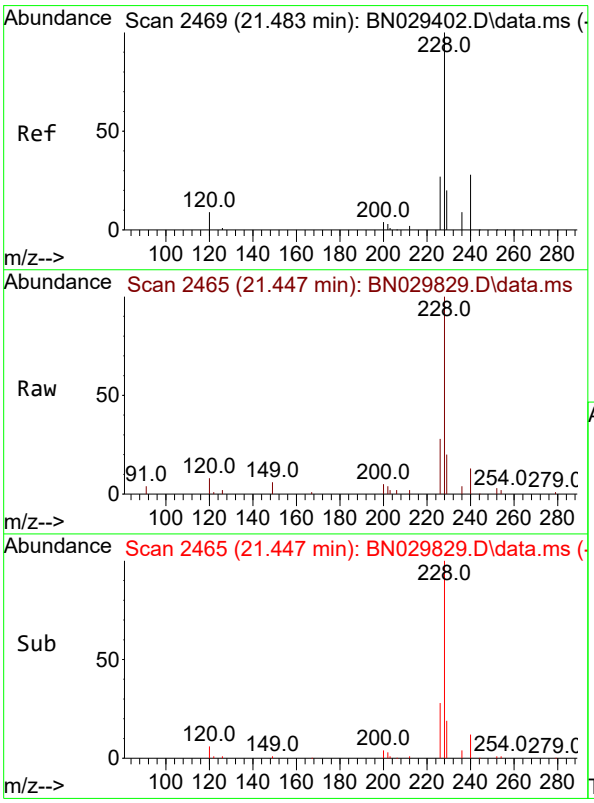
#31
Terphenyl-d14
Concen: 0.288 ng
RT: 19.907 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:244 Resp: 10519

Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.2	12.4
122	15.0	15.6	23.4#

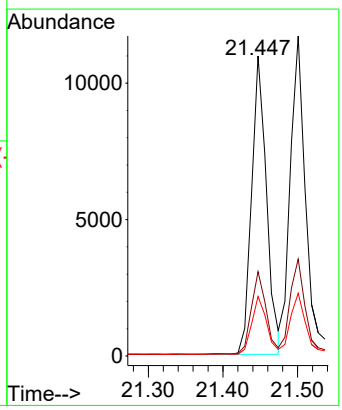


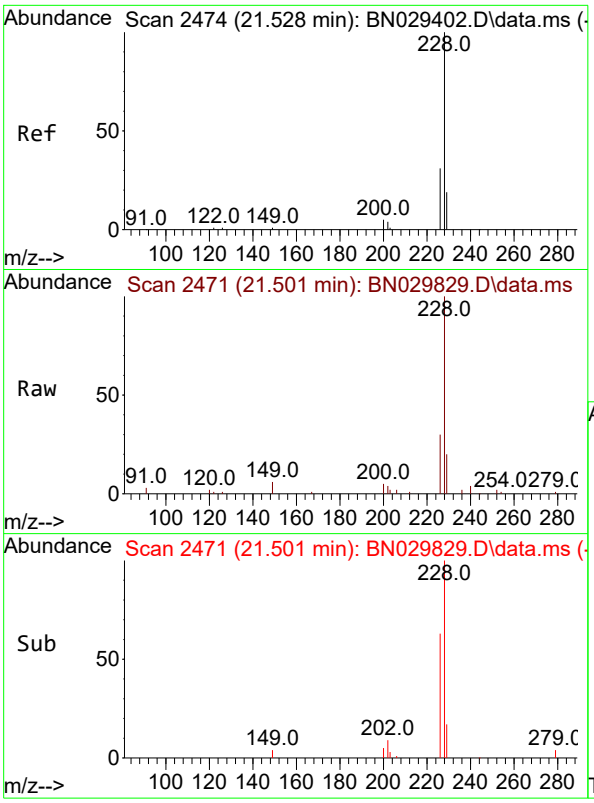


#32
Benzo(a)anthracene
Concen: 0.302 ng
RT: 21.447 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:228 Resp: 15194

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	19.8	16.5	24.7



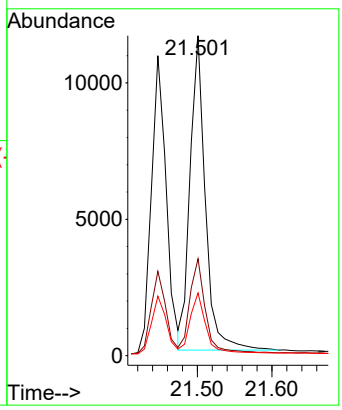


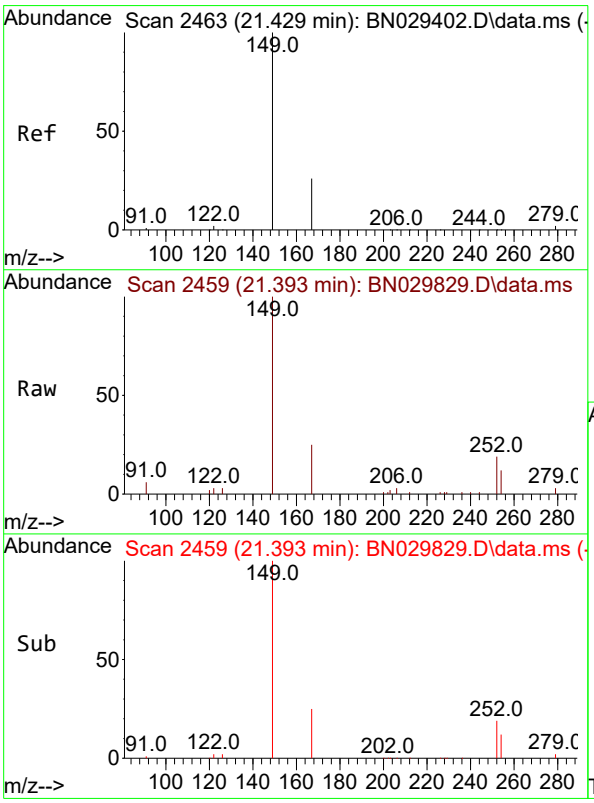
#33
Chrysene
Concen: 0.288 ng
RT: 21.501 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:228 Resp: 16442

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.6	15.9	23.9

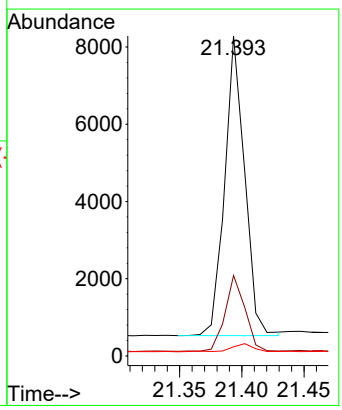


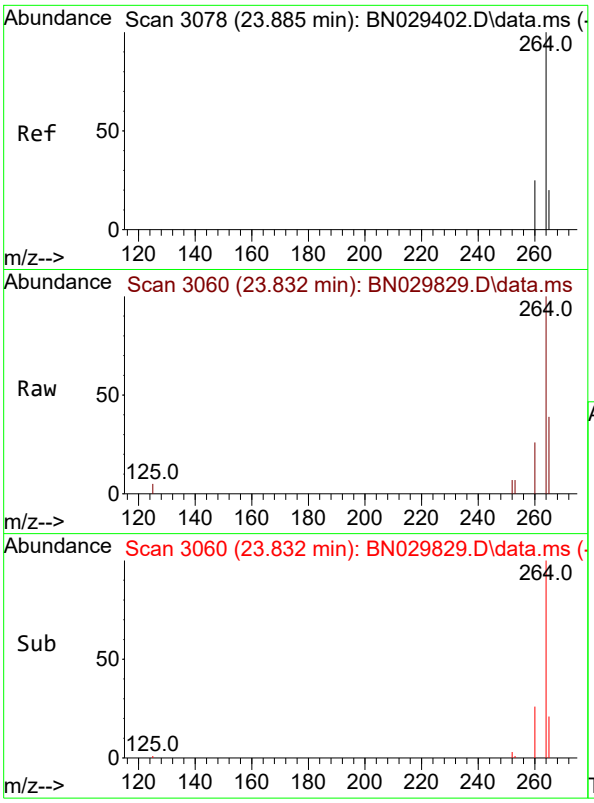


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.252 ng
RT: 21.393 min Scan# 2459
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:149 Resp: 8644

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.1	30.1
279	2.8	2.5	3.7



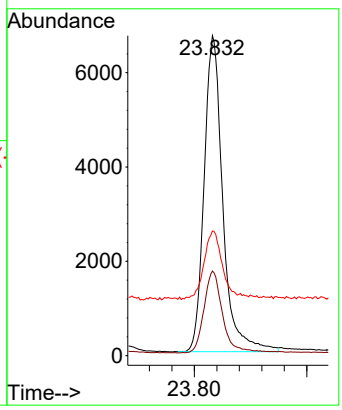


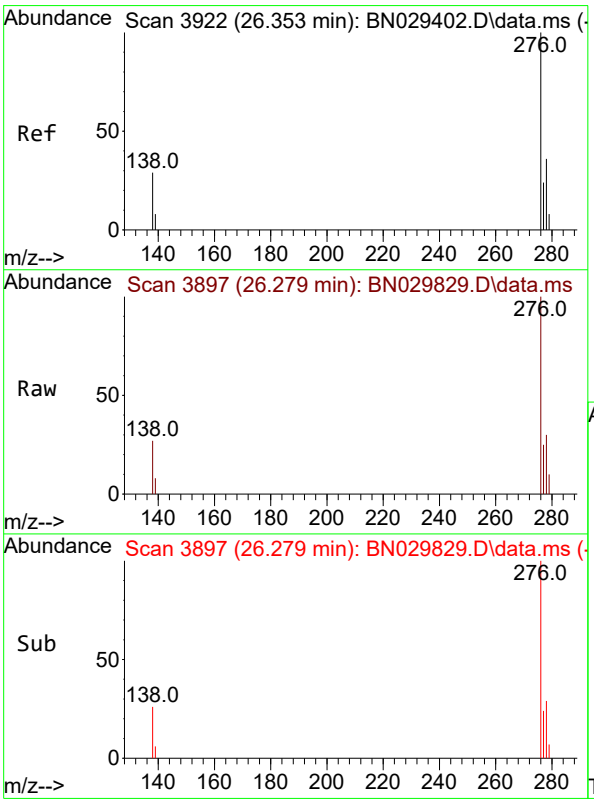
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.832 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:264 Resp: 15467

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.2	31.8
265	38.9	41.5	62.3#

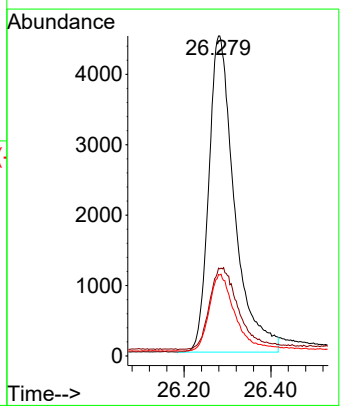


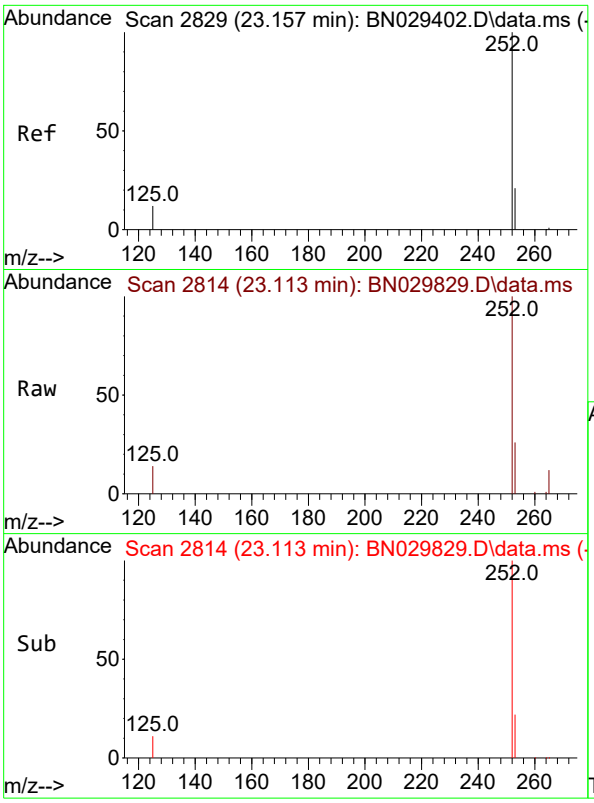


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.296 ng
RT: 26.279 min Scan# 3897
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:276 Resp: 18436

Ion	Ratio	Lower	Upper
276	100		
138	28.9	20.5	30.7
277	24.7	17.0	25.4



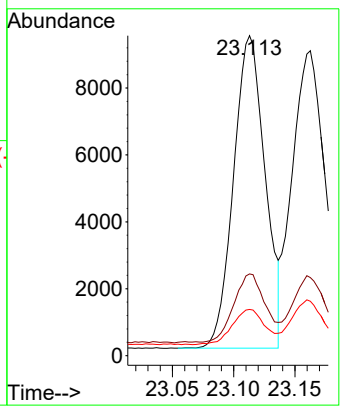


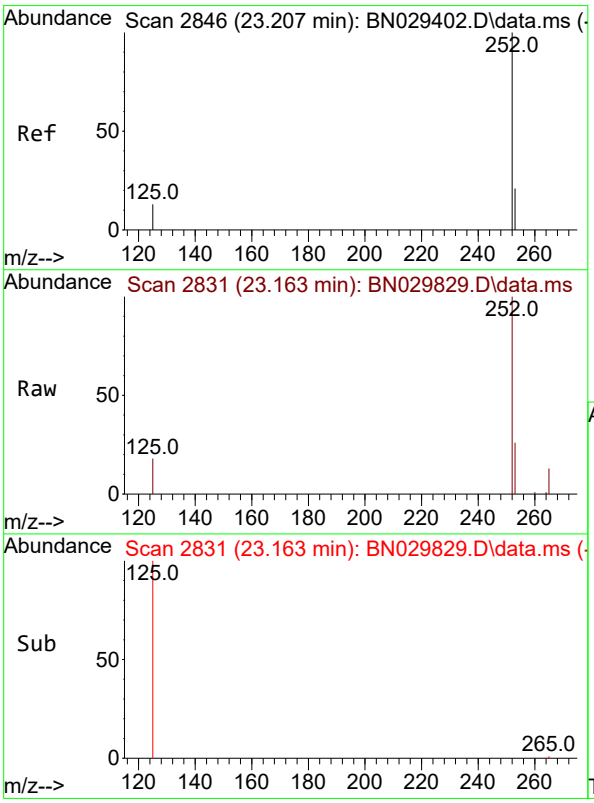
#37
Benzo(b)fluoranthene
Concen: 0.303 ng
RT: 23.113 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:252 Resp: 16749

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.7	32.5
125	14.4	13.3	19.9

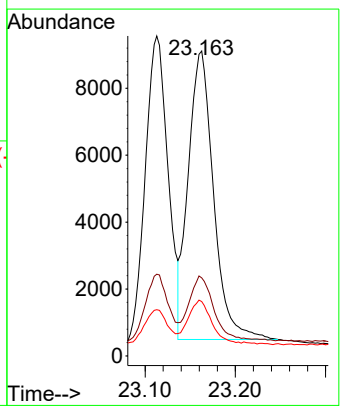


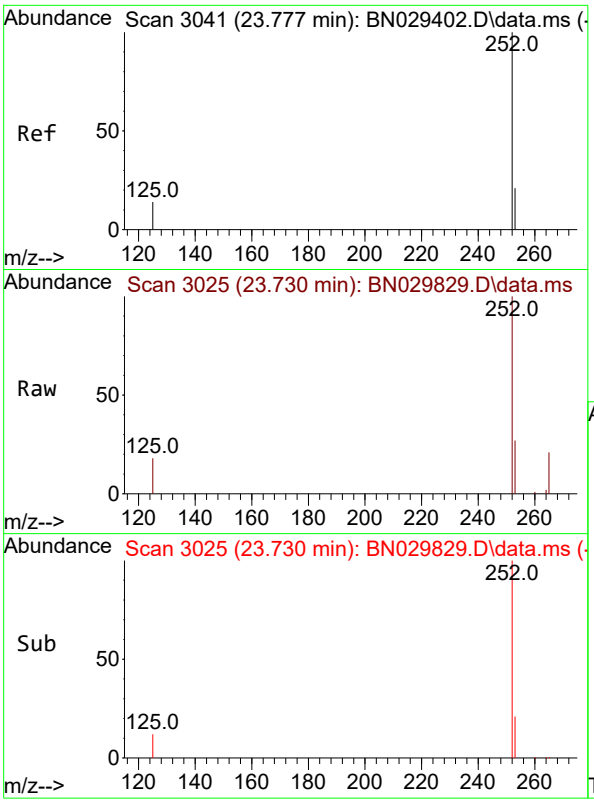


#38
Benzo(k)fluoranthene
Concen: 0.290 ng
RT: 23.163 min Scan# 2831
Delta R.T. 0.003 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:252 Resp: 16787

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.8	32.8
125	17.8	13.9	20.9



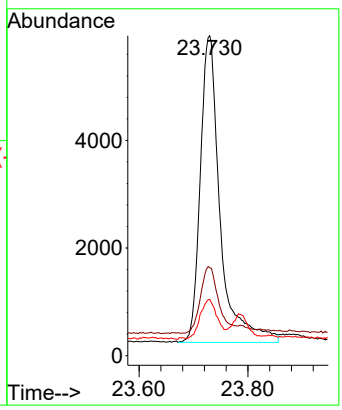


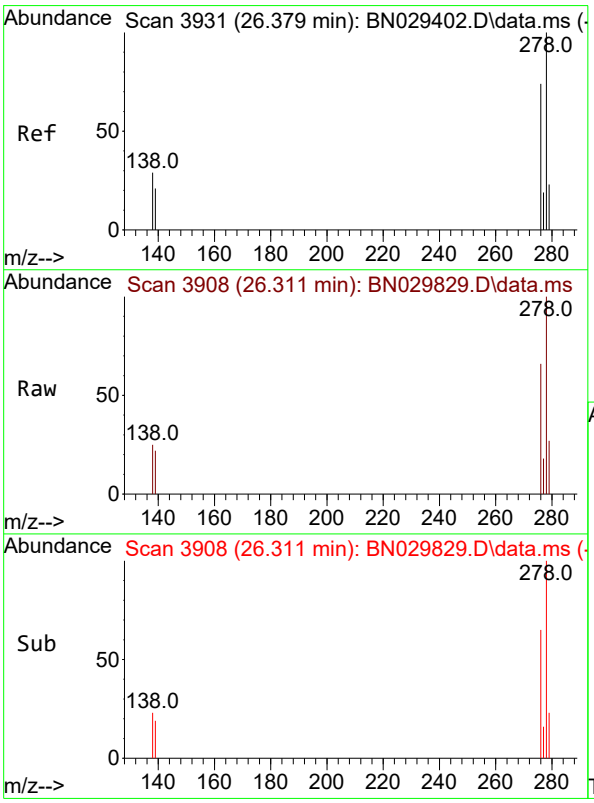
#39
Benzo(a)pyrene
Concen: 0.298 ng
RT: 23.730 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:252 Resp: 14388

Ion	Ratio	Lower	Upper
252	100		
253	27.5	24.9	37.3
125	17.6	16.6	25.0

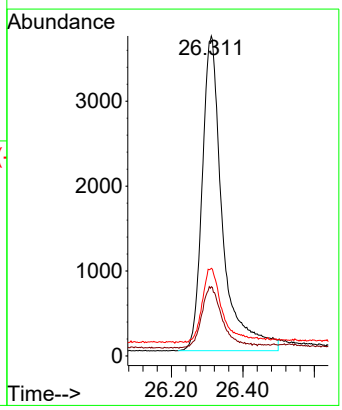


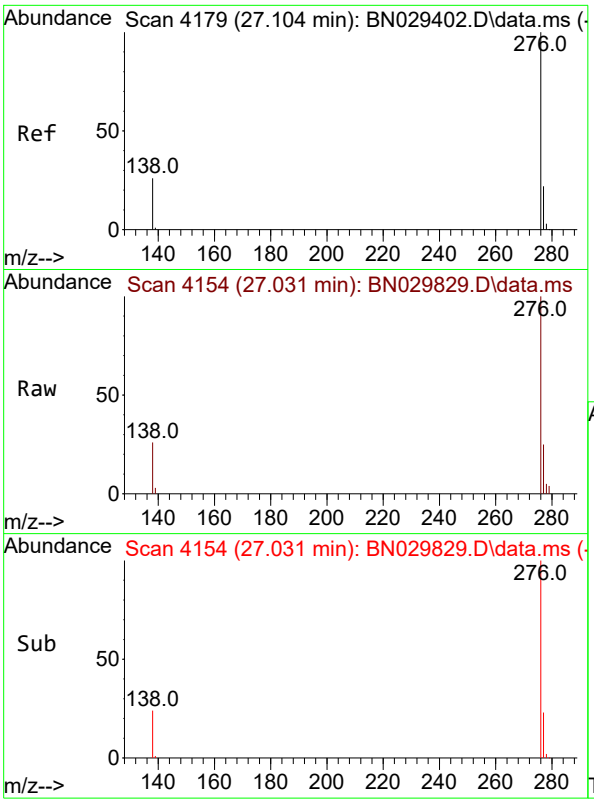


#40
Dibenzo(a,h)anthracene
Concen: 0.296 ng
RT: 26.311 min Scan# 3908
Delta R.T. -0.000 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Tgt Ion:278 Resp: 14655

Ion	Ratio	Lower	Upper
278	100		
139	21.7	20.4	30.6
279	27.4	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.278 ng
RT: 27.031 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029829.D
Acq: 16 Feb 2024 16:37

Instrument :
BNA_N
ClientSampleId :
PB158918BS

Tgt Ion:276 Resp: 16733

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	25.5	23.5	35.3