Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029832.D
Acq On : 16 Feb 2024 18:24
Operator : MA/JU
Sample : PB158968BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Quant Time: Feb 16 23:57:31 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	5176	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	13450	0.400	ng	#	0.00
13) Acenaphthene-d10	14.511	164	6060	0.400	ng		0.00
19) Phenanthrene-d10	17.255	188	11445	0.400	ng	#	0.00
29) Chrysene-d12	21.465	240	9850	0.400	ng	#	0.00
35) Perylene-d12	23.835	264	10556	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	5069	0.408	ng		0.00
5) Phenol-d6	7.038	99	5702	0.397	ng		0.00
8) Nitrobenzene-d5	9.035	82	3807	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	7691	0.420	ng		0.00
14) 2,4,6-Tribromophenol	16.002	330	824	0.424	ng		0.00
15) 2-Fluorobiphenyl	13.132	172	8657	0.333	ng		0.00
27) Fluoranthene-d10	19.299	212	8913	0.322	ng		0.00
31) Terphenyl-d14	19.907	244	6922	0.283	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2236	0.307	ng	#	36
3) n-Nitrosodimethylamine	3.694	42	1793	0.302	ng	#	91
6) bis(2-Chloroethyl)ether	7.305	93	4373	0.319	ng		97
9) Naphthalene	10.712	128	11593	0.303	ng		100
10) Hexachlorobutadiene	10.989	225	2252	0.310	ng	#	99
12) 2-Methylnaphthalene	12.333	142	6773	0.301	ng		98
16) Acenaphthylene	14.233	152	9151	0.318	ng		100
17) Acenaphthene	14.575	154	5618	0.291	ng		100
18) Fluorene	15.555	166	7016	0.290	ng		100
20) 4,6-Dinitro-2-methylph...	15.654	198	325	0.193	ng		86
21) 4-Bromophenyl-phenylether	16.461	248	2096	0.308	ng	#	77
22) Hexachlorobenzene	16.560	284	2442	0.292	ng		96
23) Atrazine	16.734	200	1486	0.307	ng		95
24) Pentachlorophenol	16.908	266	986	0.372	ng		97
25) Phenanthrene	17.305	178	10354	0.306	ng		99
26) Anthracene	17.392	178	8909	0.309	ng		100
28) Fluoranthene	19.331	202	11185	0.294	ng		98
30) Pyrene	19.694	202	11783	0.260	ng		100
32) Benzo(a)anthracene	21.447	228	10154	0.302	ng		99
33) Chrysene	21.501	228	11131	0.291	ng		99
34) Bis(2-ethylhexyl)phtha...	21.393	149	5611	0.245	ng		99
36) Indeno(1,2,3-cd)pyrene	26.282	276	12701	0.299	ng		94
37) Benzo(b)fluoranthene	23.113	252	11448	0.303	ng		98
38) Benzo(k)fluoranthene	23.163	252	11211	0.284	ng		99
39) Benzo(a)pyrene	23.730	252	9861	0.300	ng		97
40) Dibenzo(a,h)anthracene	26.314	278	10043	0.297	ng		94
41) Benzo(g,h,i)perylene	27.028	276	11768	0.286	ng		97

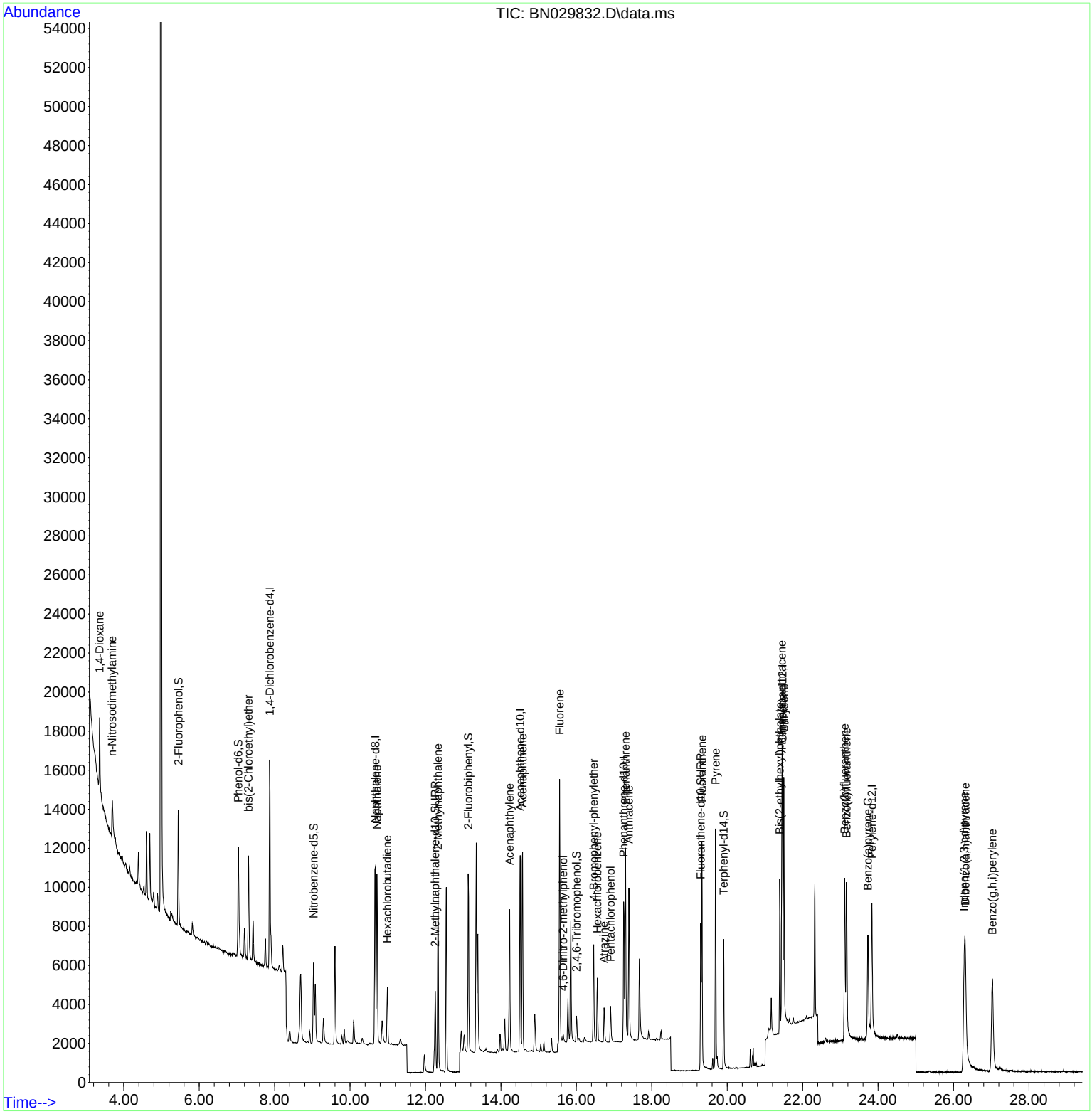
(#) = qualifier out of range (m) = manual integration (+) = signals summed

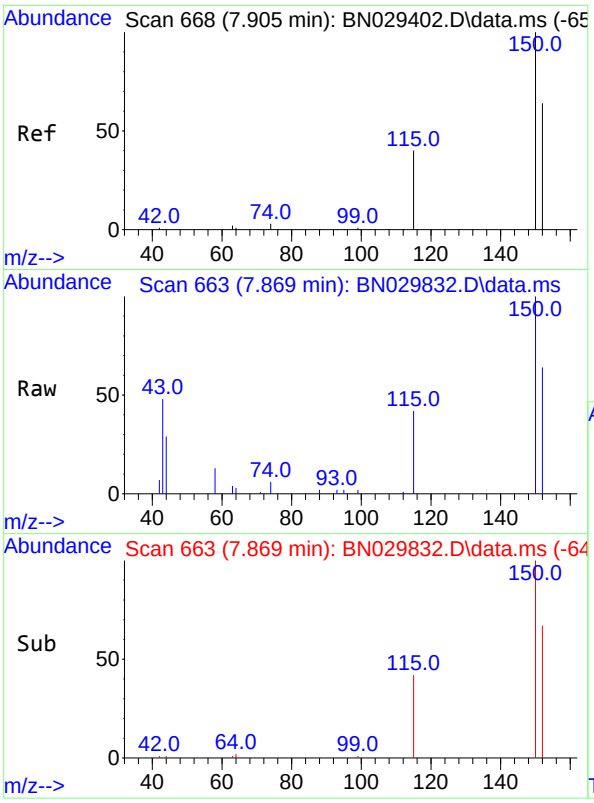
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029832.D
Acq On : 16 Feb 2024 18:24
Operator : MA/JU
Sample : PB158968BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Quant Time: Feb 16 23:57:31 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



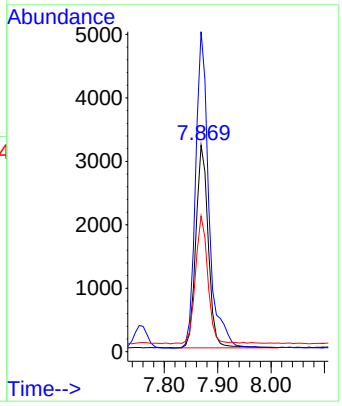


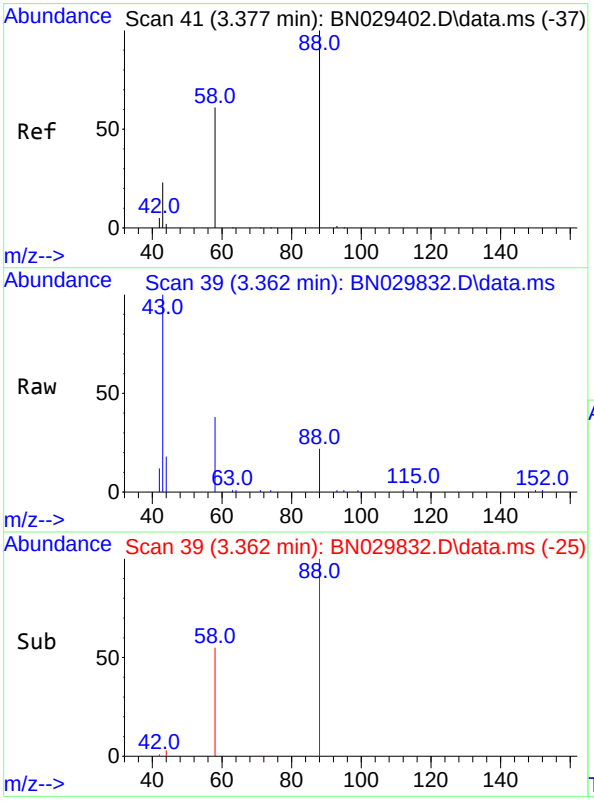
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:152 Resp: 5176

Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.0	184.4
115	65.8	51.4	77.0

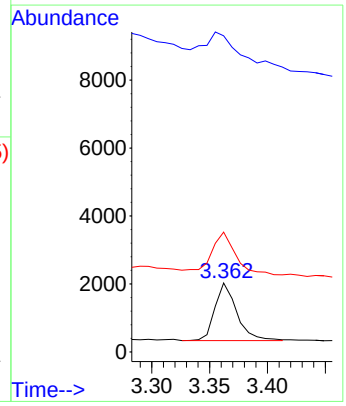


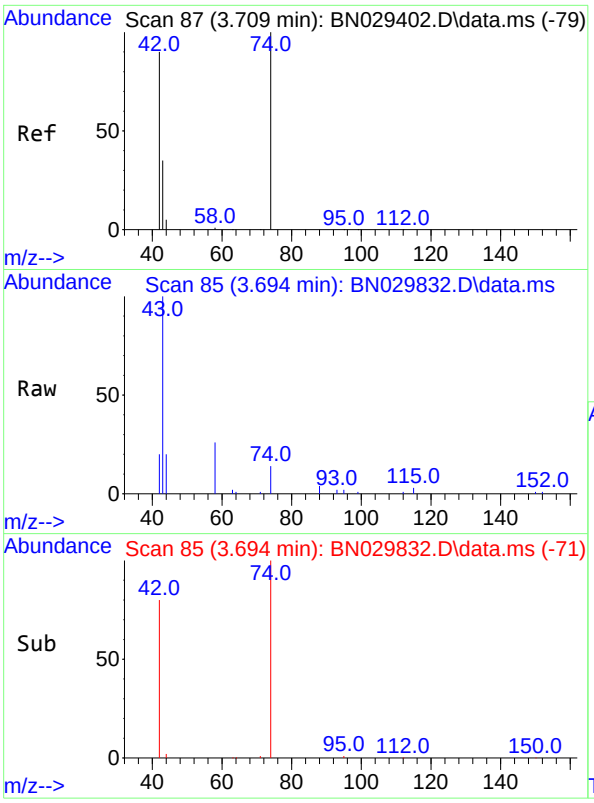


#2
1,4-Dioxane
Concen: 0.307 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion: 88 Resp: 2236

Ion	Ratio	Lower	Upper
88	100		
43	117.8	23.3	34.9#
58	83.4	53.8	80.6#



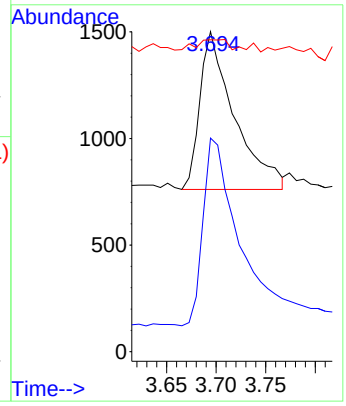


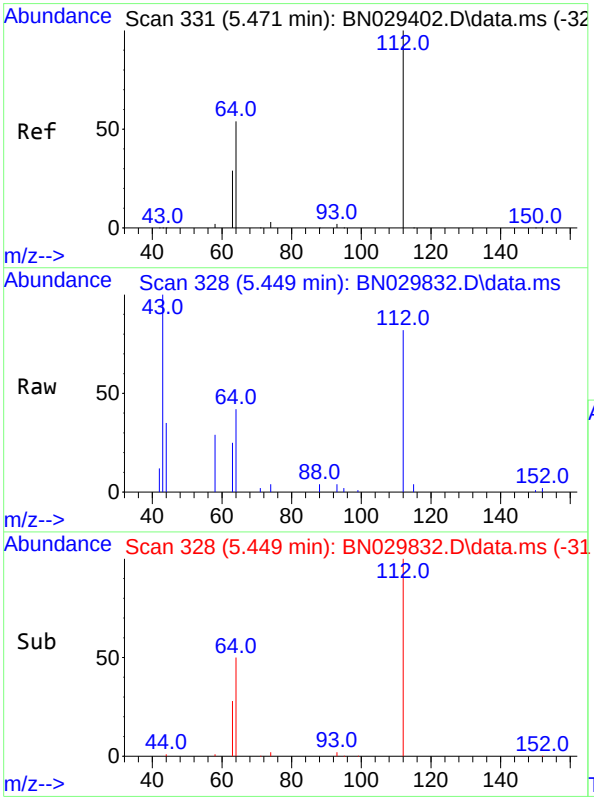
#3
n-Nitrosodimethylamine
Concen: 0.302 ng
RT: 3.694 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion: 42 Resp: 1793

Ion	Ratio	Lower	Upper
42	100		
74	124.7	93.7	140.5
44	6.6	13.0	19.4#

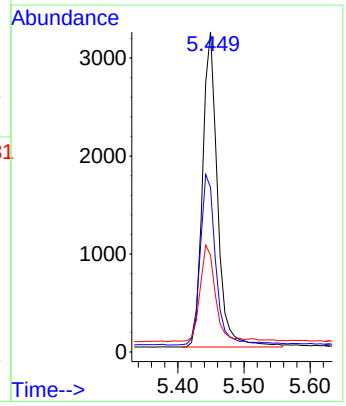


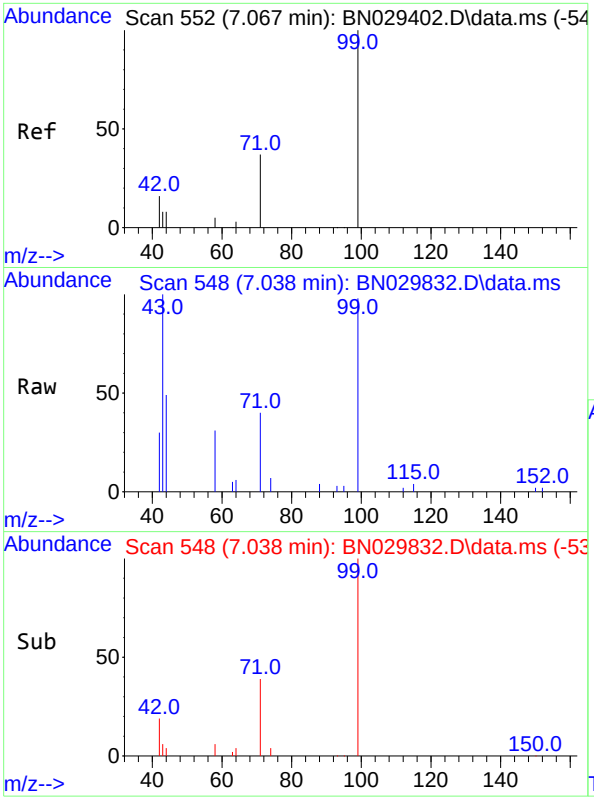


#4
2-Fluorophenol
Concen: 0.408 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:112 Resp: 5069

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.2	70.8
63	32.6	25.8	38.6



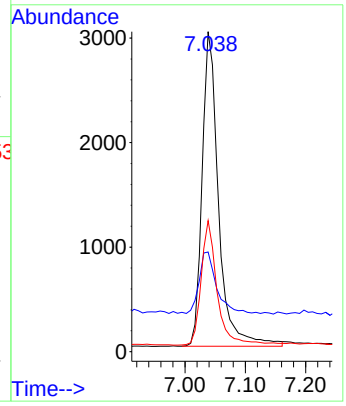


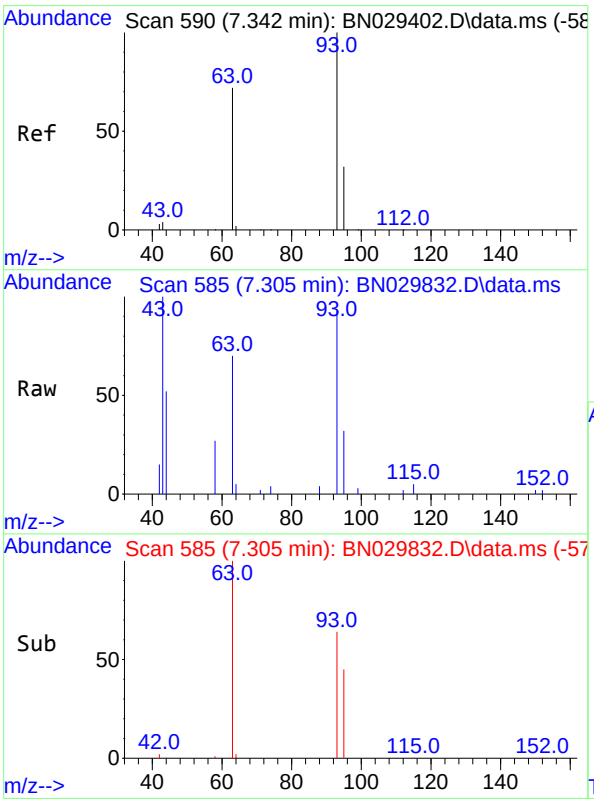
#5
Phenol-d6
Concen: 0.397 ng
RT: 7.038 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion: 99 Resp: 5702

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.9	25.3
71	38.4	30.0	45.0

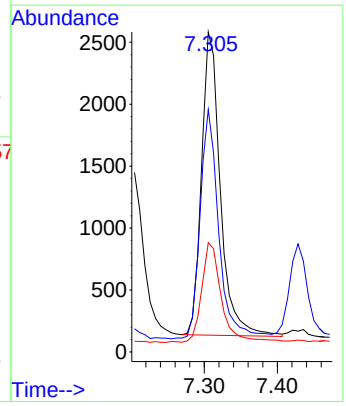


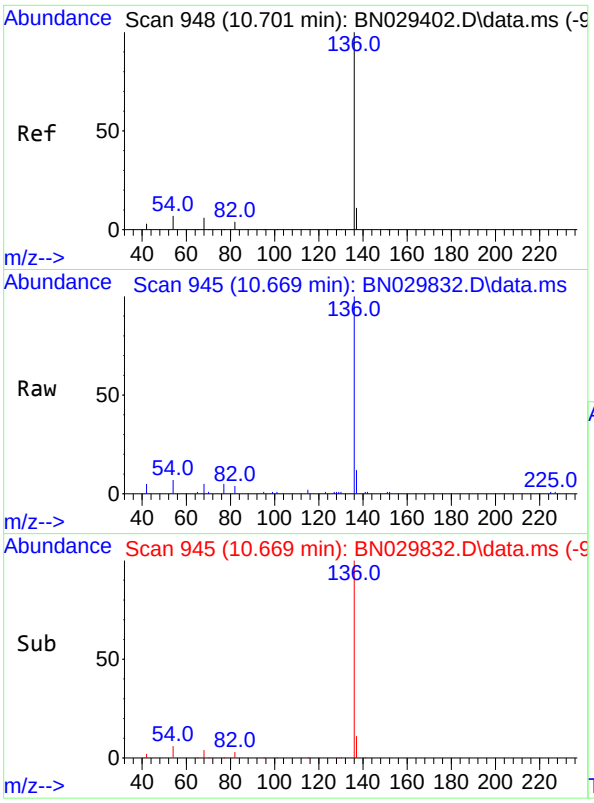


#6
bis(2-Chloroethyl)ether
Concen: 0.319 ng
RT: 7.305 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion: 93 Resp: 4373

Ion	Ratio	Lower	Upper
93	100		
63	75.3	63.1	94.7
95	34.6	27.1	40.7



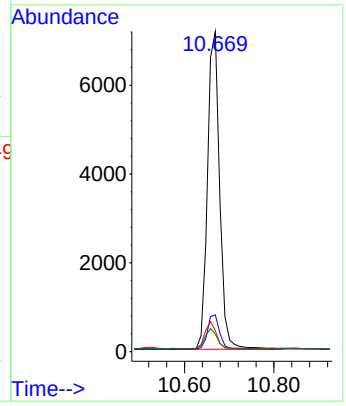


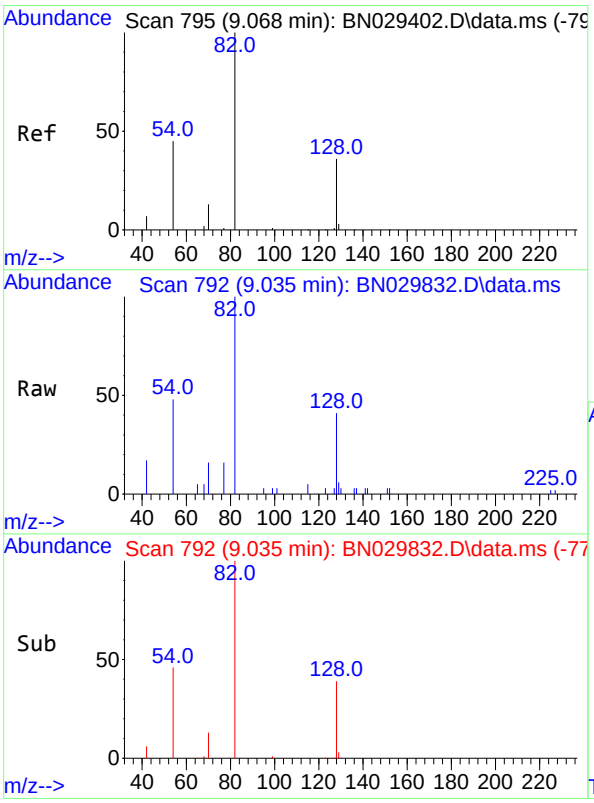
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:136 Resp: 13450

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.7	14.5
54	6.5	6.6	10.0#
68	5.4	5.7	8.5#

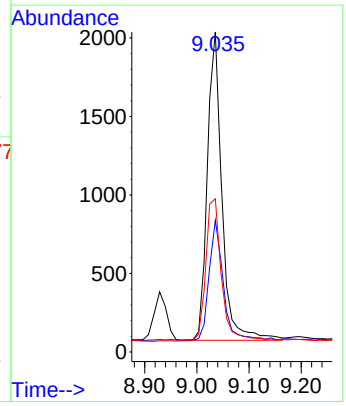


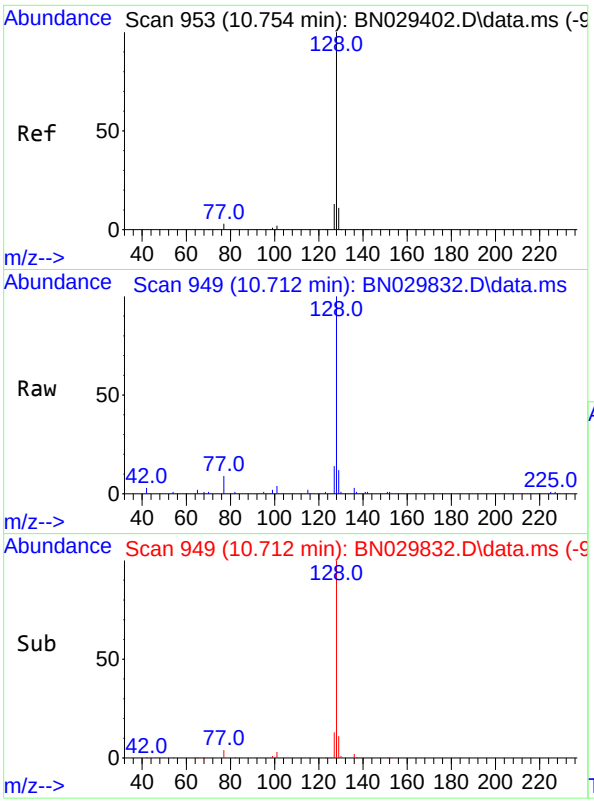


#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 9.035 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion: 82 Resp: 3807

Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.6	47.4
54	47.8	38.2	57.4



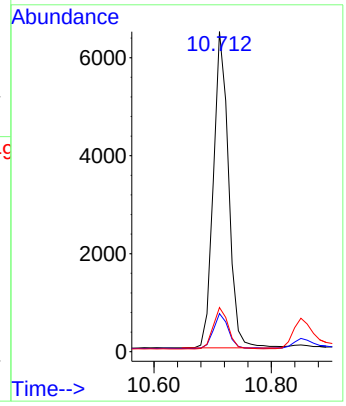


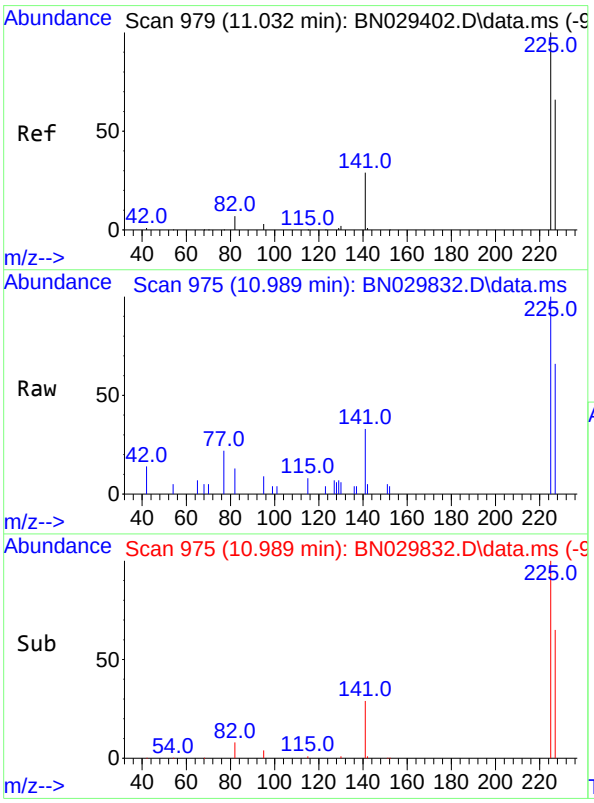
#9
Naphthalene
Concen: 0.303 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:128 Resp: 11593

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.5	14.3
127	13.8	10.8	16.2

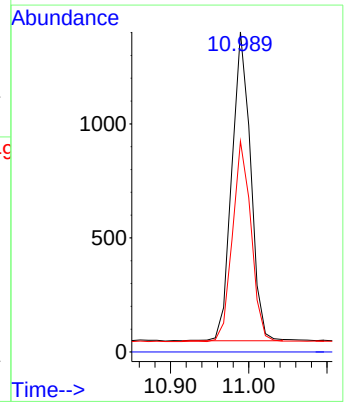


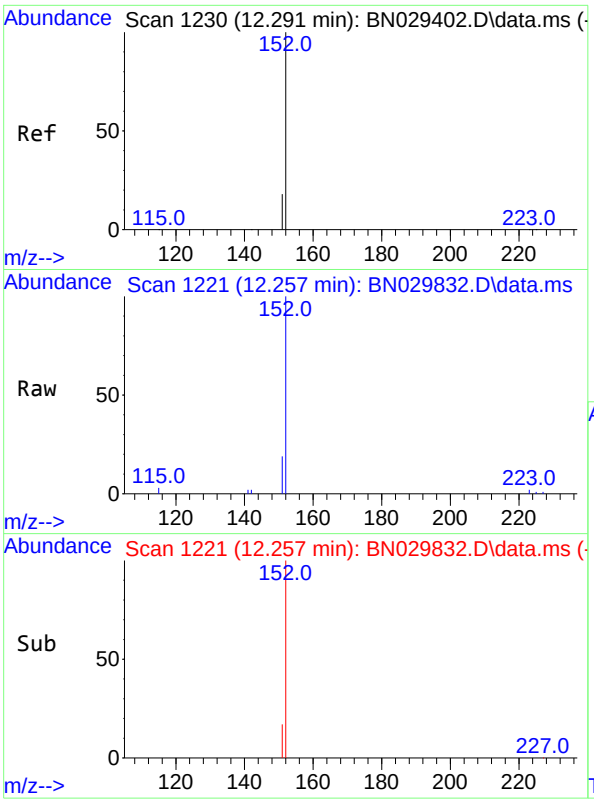


#10
Hexachlorobutadiene
Concen: 0.310 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:225 Resp: 2252

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.1	76.7



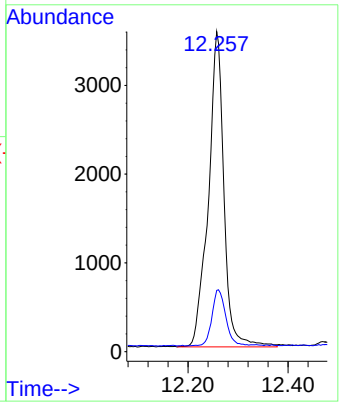


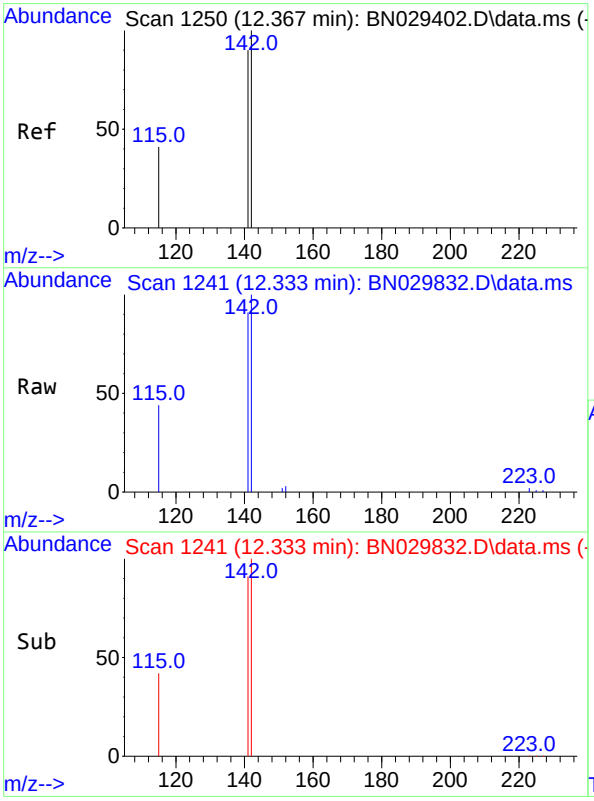
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 12.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:152 Resp: 7691

Ion	Ratio	Lower	Upper
152	100		
151	15.8	17.1	25.7#

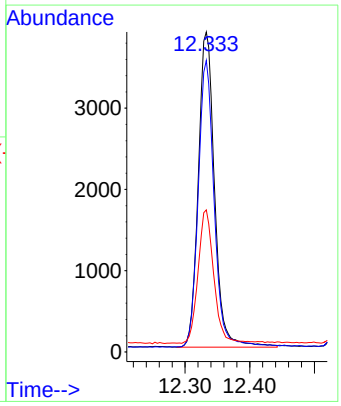


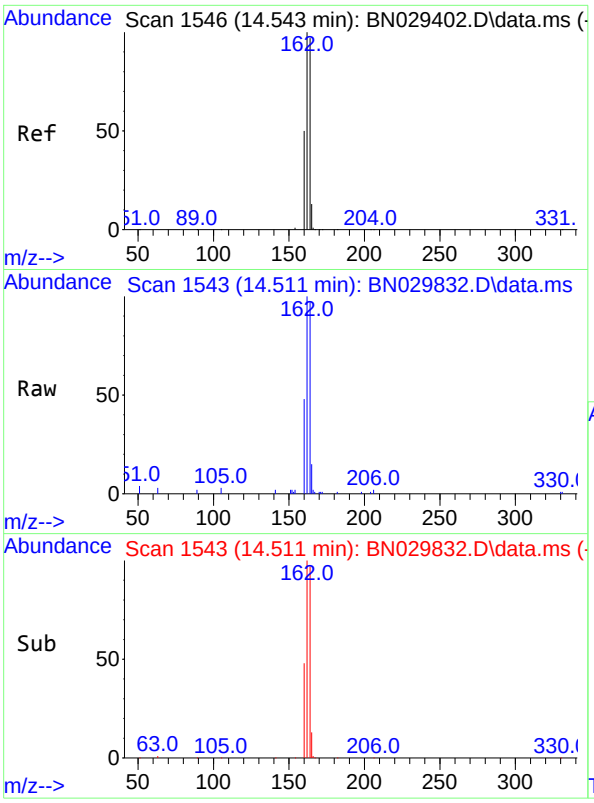


#12
2-Methylnaphthalene
Concen: 0.301 ng
RT: 12.333 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:142 Resp: 6773

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9
115	44.4	33.9	50.9



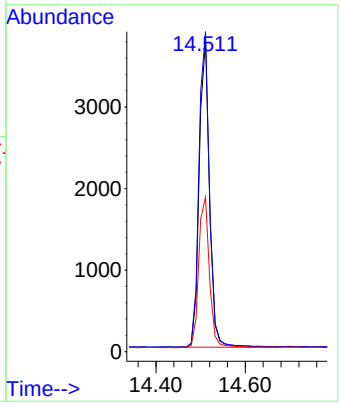


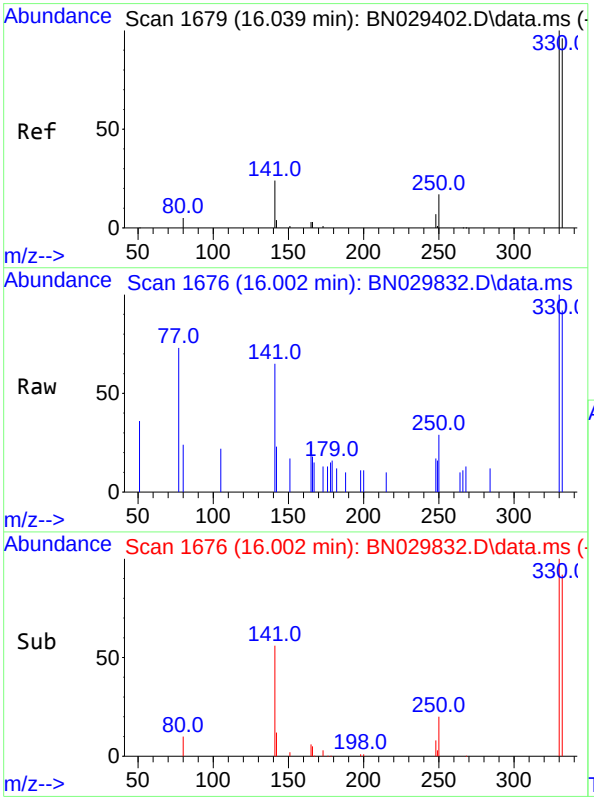
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:164 Resp: 6060

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	49.6	41.5	62.3

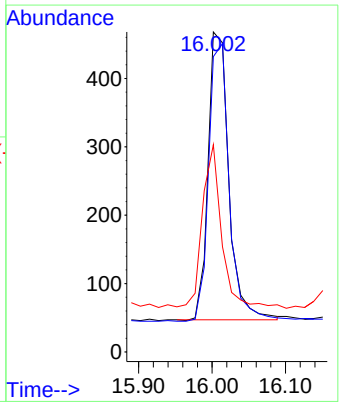


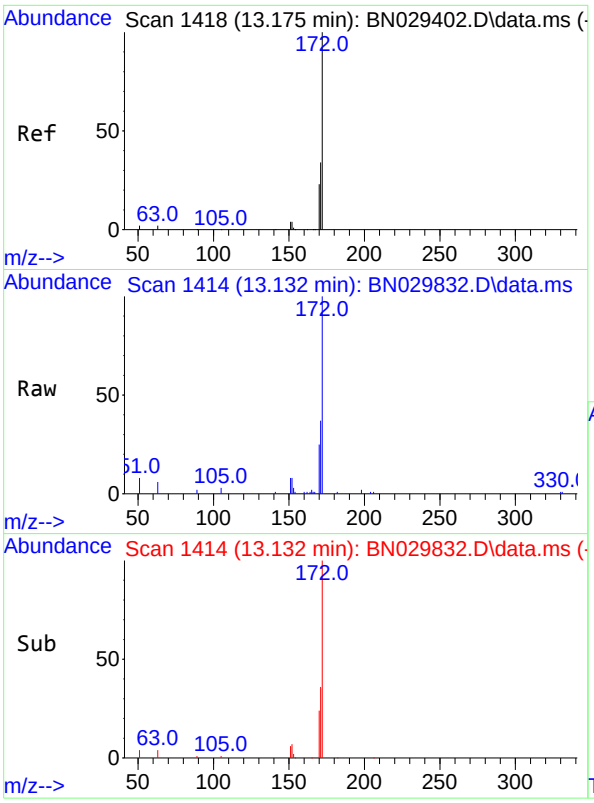


#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 16.002 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:330 Resp: 824

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	52.9	43.4	65.2



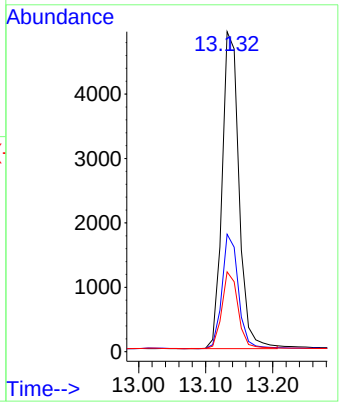


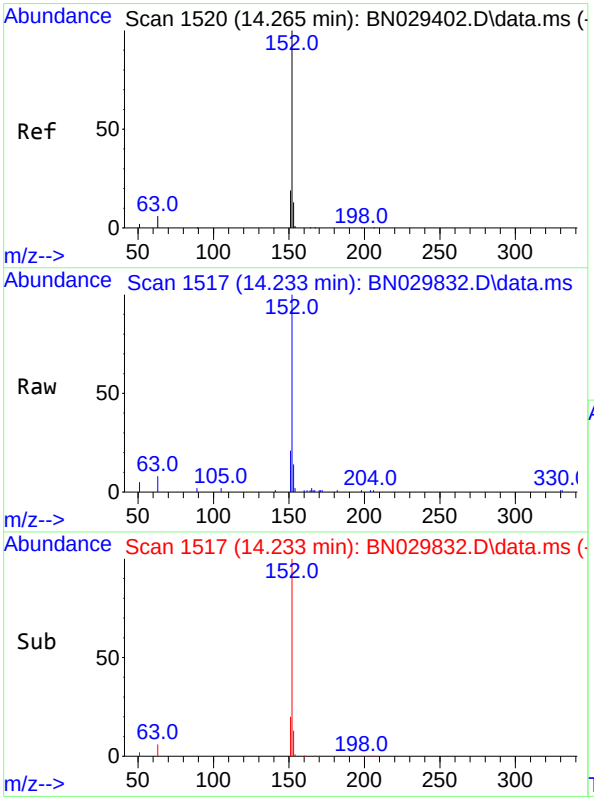
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.132 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:172 Resp: 8657

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.0	42.0
170	24.9	18.7	28.1

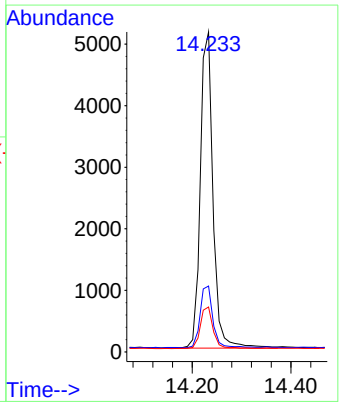


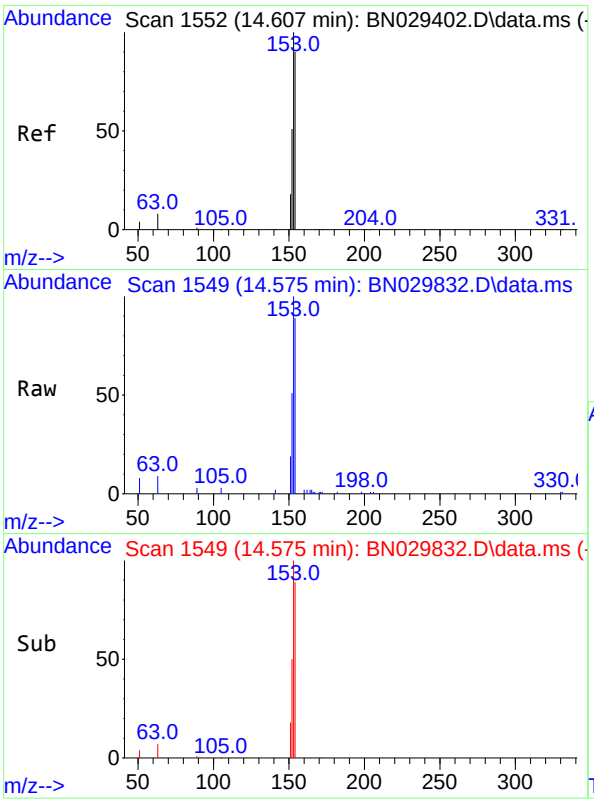


#16
Acenaphthylene
Concen: 0.318 ng
RT: 14.233 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:152 Resp: 9151

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.5	15.7



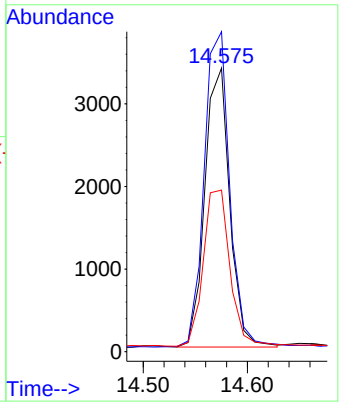


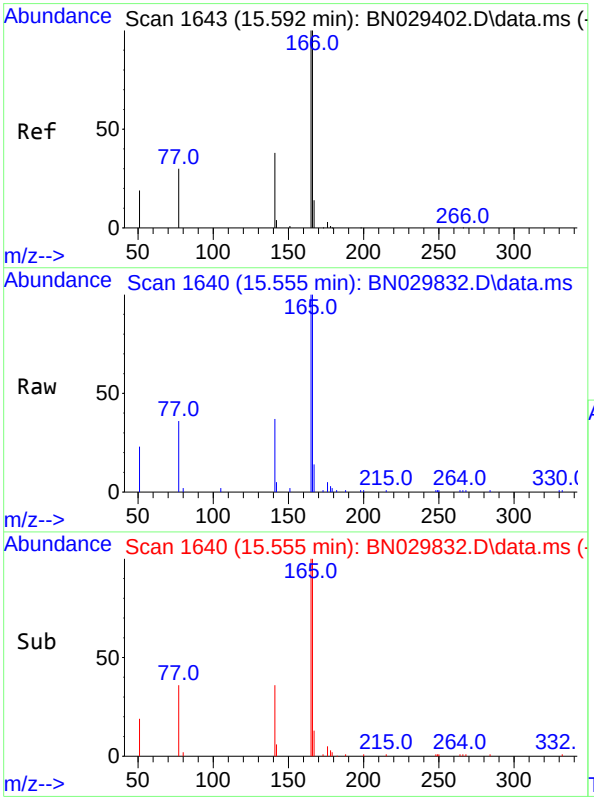
#17
Acenaphthene
Concen: 0.291 ng
RT: 14.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:154 Resp: 5618

Ion	Ratio	Lower	Upper
154	100		
153	116.8	93.6	140.4
152	60.4	48.6	73.0

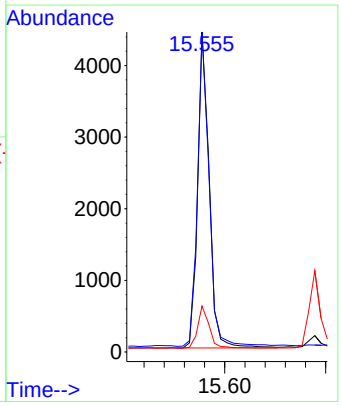


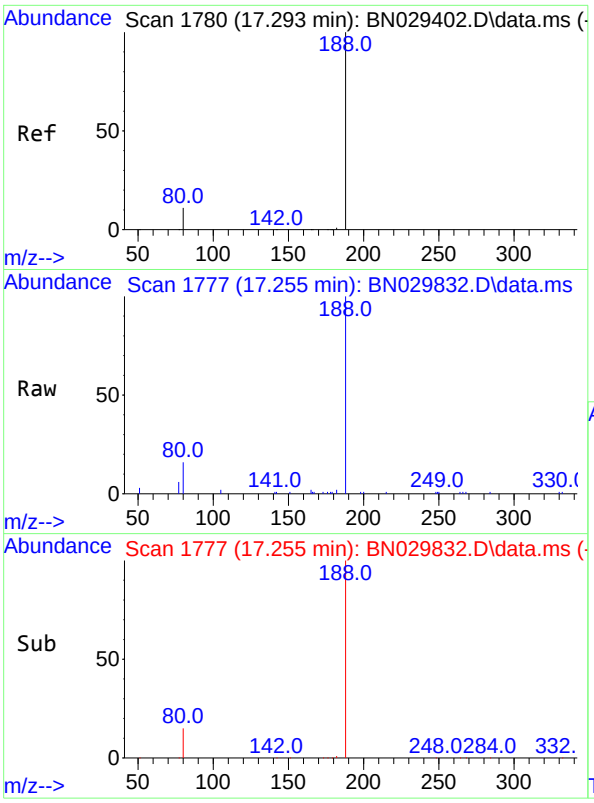


#18
Fluorene
Concen: 0.290 ng
RT: 15.555 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:166 Resp: 7016

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	13.2	11.3	16.9



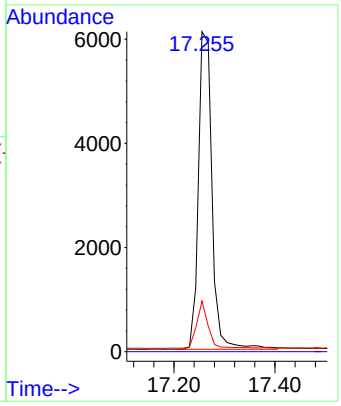


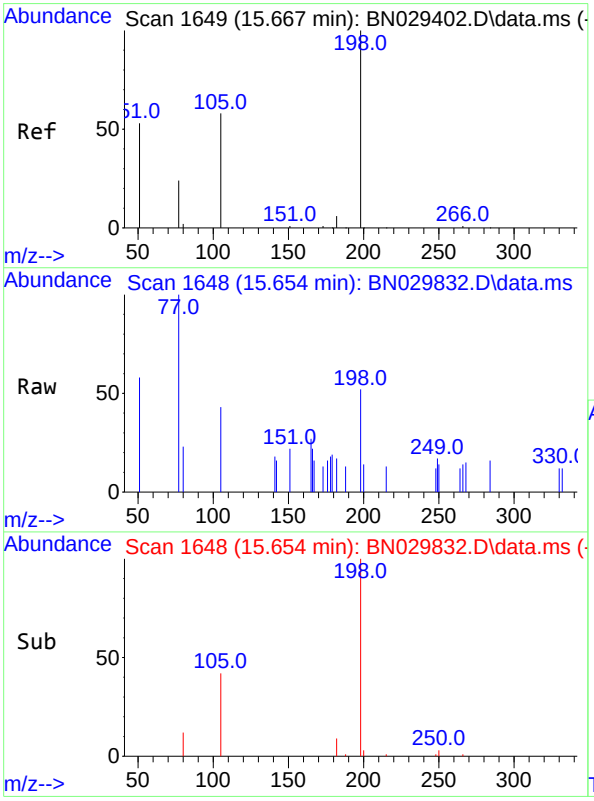
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:188 Resp: 11445

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	10.0	15.0#

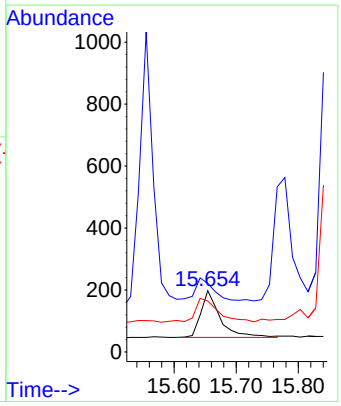


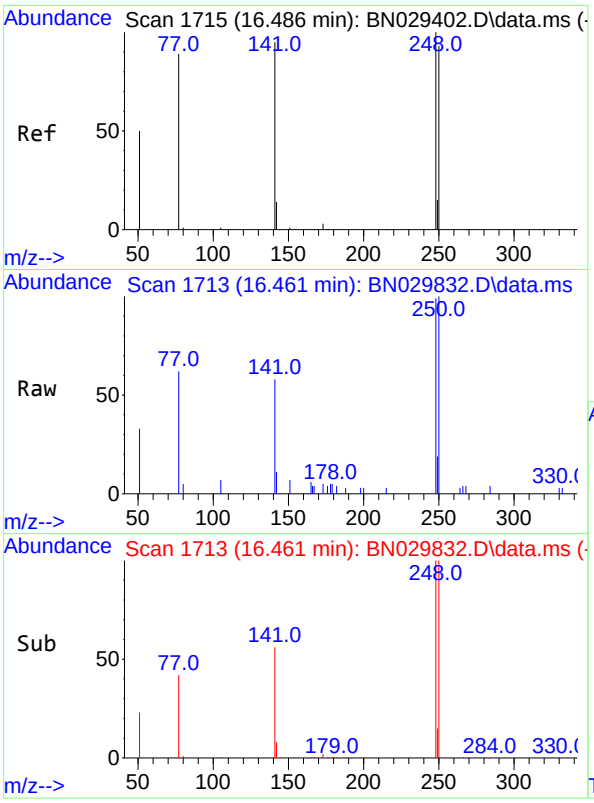


#20
4,6-Dinitro-2-methylphenol
Concen: 0.193 ng
RT: 15.654 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:198 Resp: 325

Ion	Ratio	Lower	Upper
198	100		
51	111.6	111.0	166.6
105	82.8	67.0	100.6



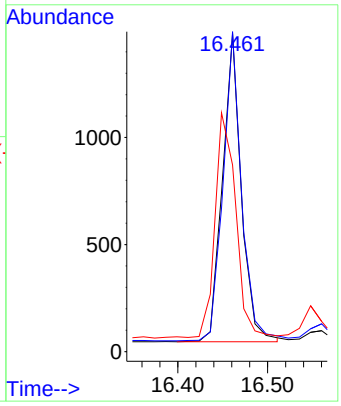


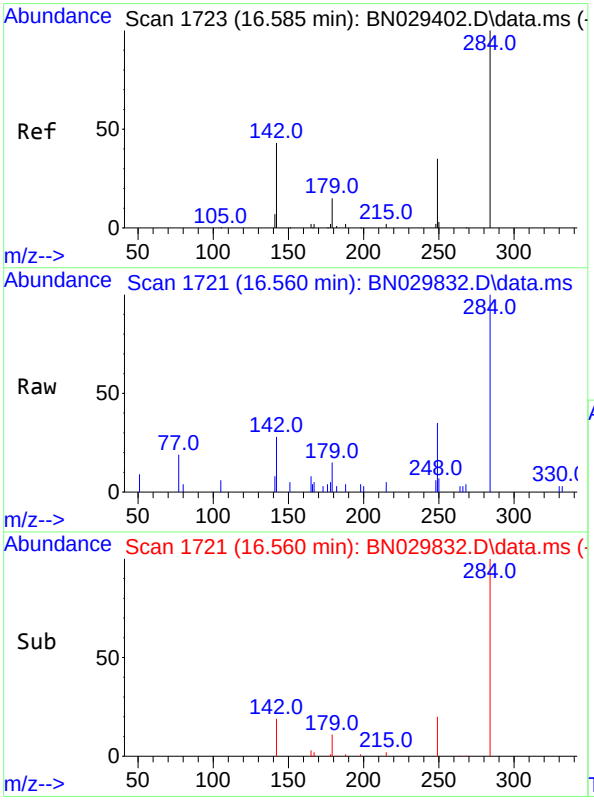
#21
4-Bromophenyl-phenylether
Concen: 0.308 ng
RT: 16.461 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:248 Resp: 2096

Ion	Ratio	Lower	Upper
248	100		
250	100.6	75.0	112.4
141	58.7	77.0	115.6#

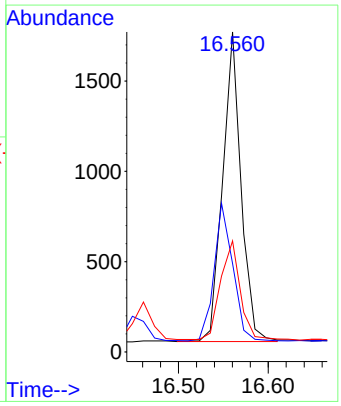


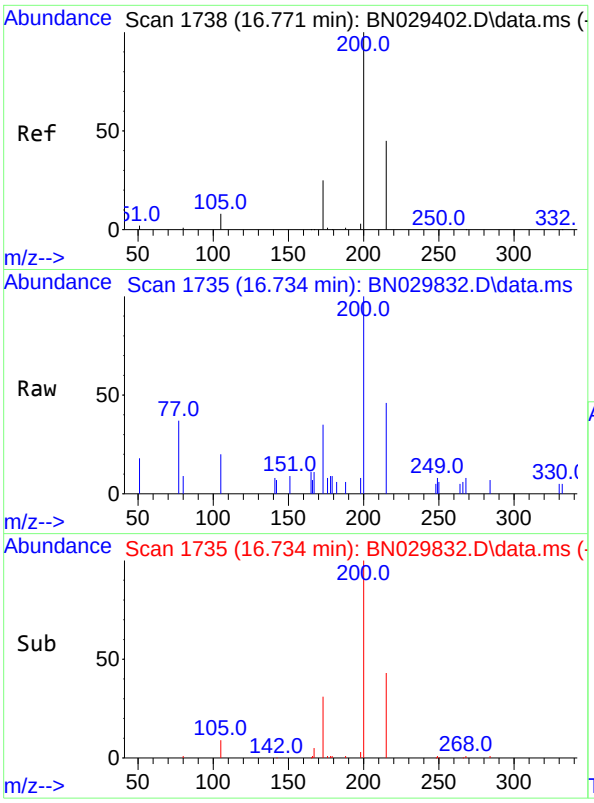


#22
Hexachlorobenzene
Concen: 0.292 ng
RT: 16.560 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:284 Resp: 2442

Ion	Ratio	Lower	Upper
284	100		
142	45.2	39.4	59.2
249	33.9	26.9	40.3



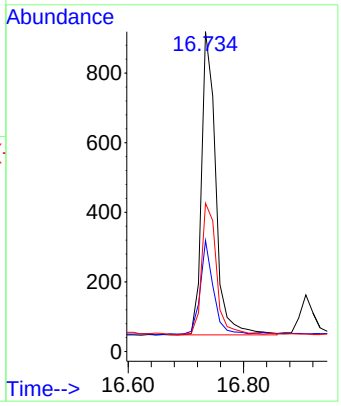


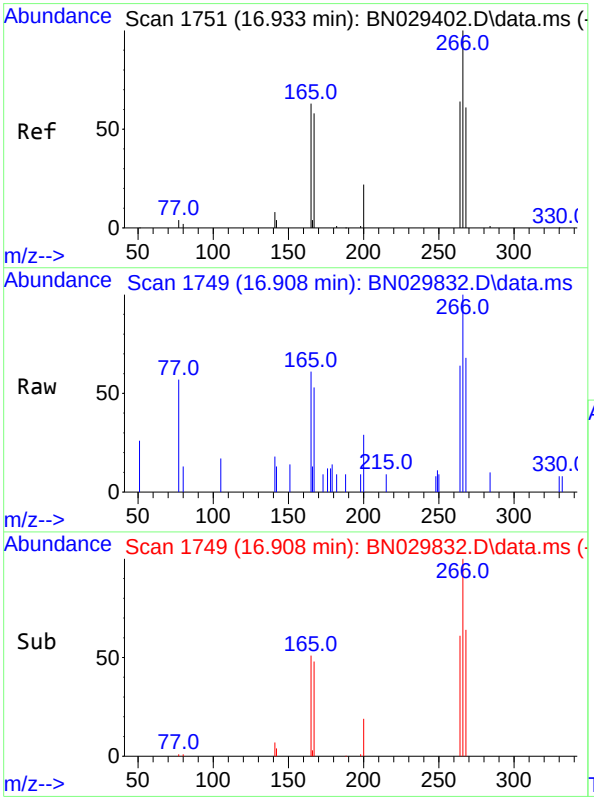
#23
Atrazine
Concen: 0.307 ng
RT: 16.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:200 Resp: 1486

Ion	Ratio	Lower	Upper
200	100		
173	34.7	23.4	35.0
215	46.4	38.4	57.6

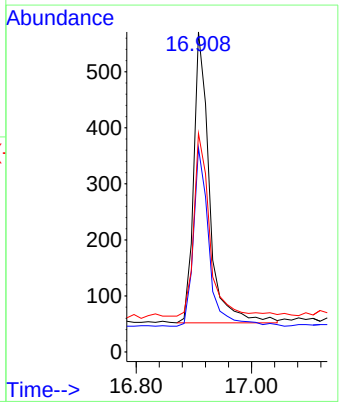


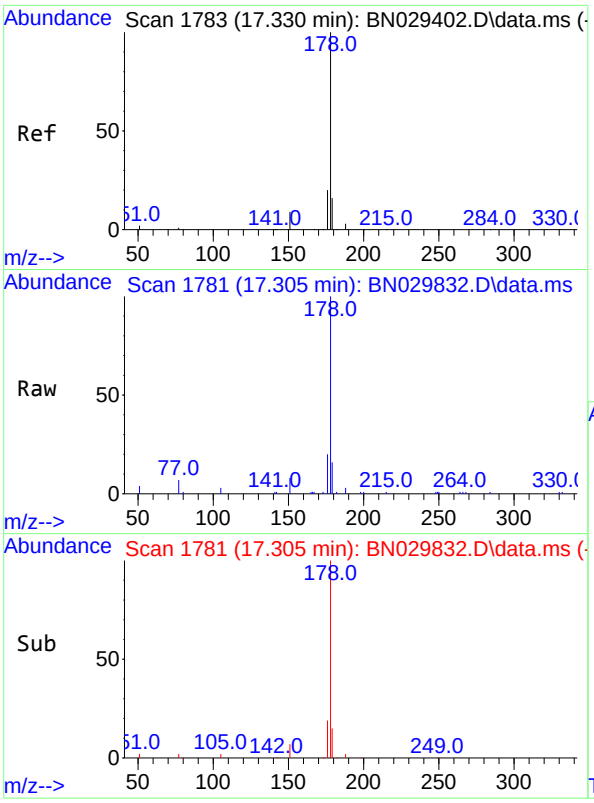


#24
Pentachlorophenol
Concen: 0.372 ng
RT: 16.908 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:266 Resp: 986

Ion	Ratio	Lower	Upper
266	100		
264	60.6	50.8	76.2
268	63.3	51.5	77.3



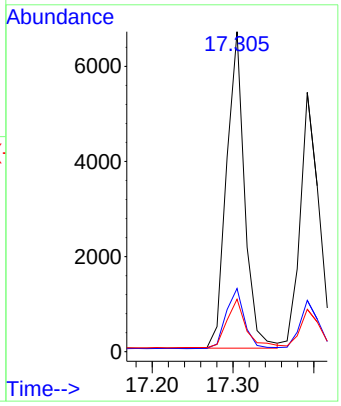


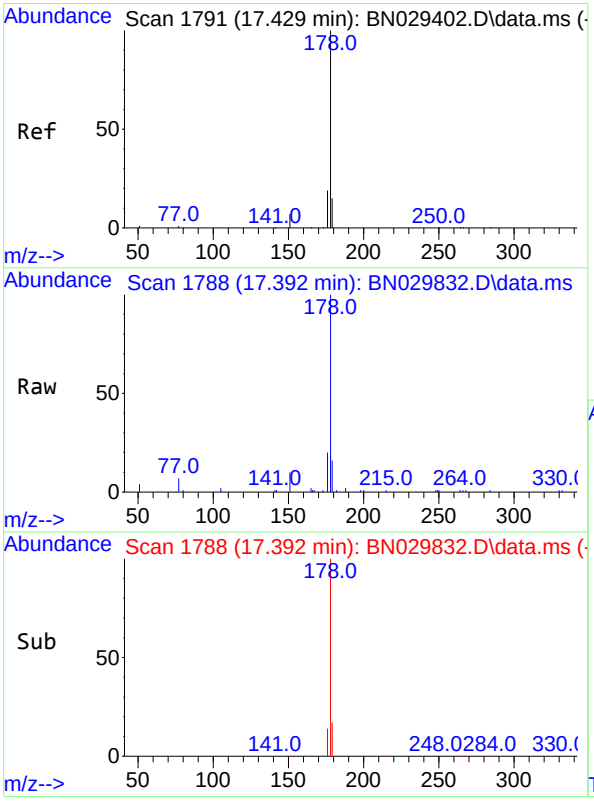
#25
Phenanthrene
Concen: 0.306 ng
RT: 17.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:178 Resp: 10354

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	17.1	12.6	19.0

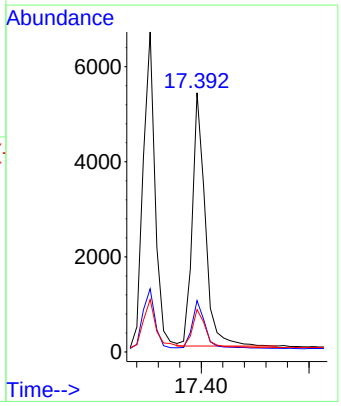


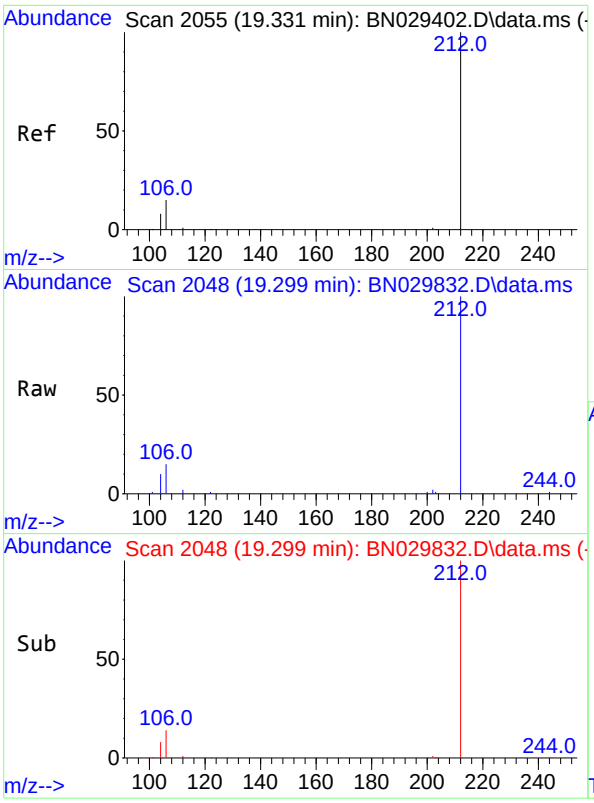


#26
Anthracene
Concen: 0.309 ng
RT: 17.392 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:178 Resp: 8909

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



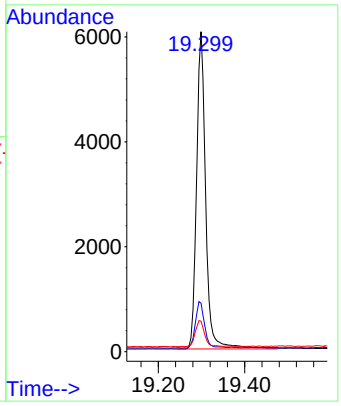


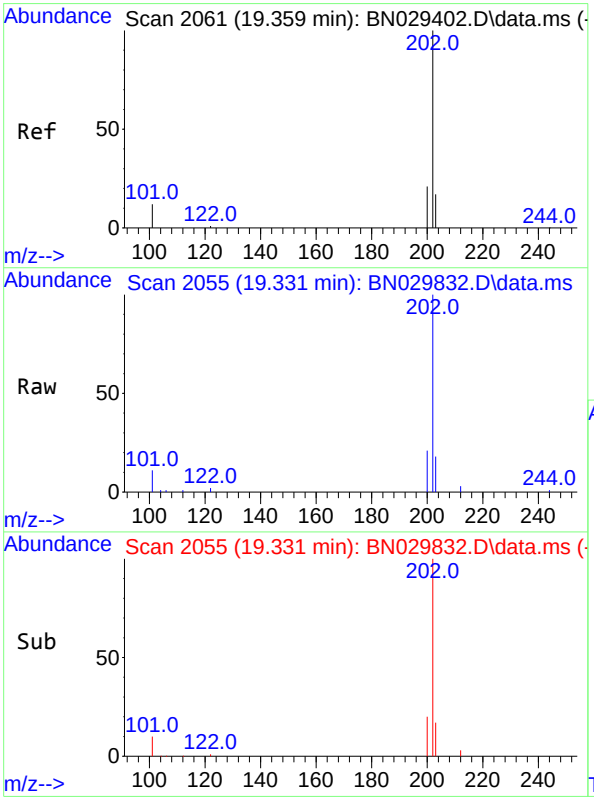
#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.299 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:212 Resp: 8913

Ion	Ratio	Lower	Upper
212	100		
106	14.6	13.2	19.8
104	8.4	7.7	11.5

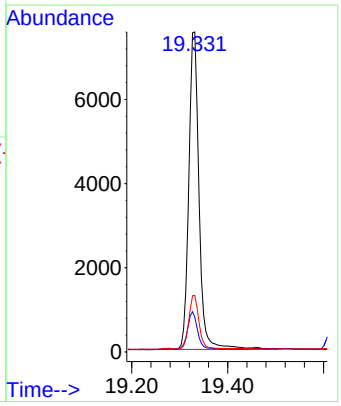


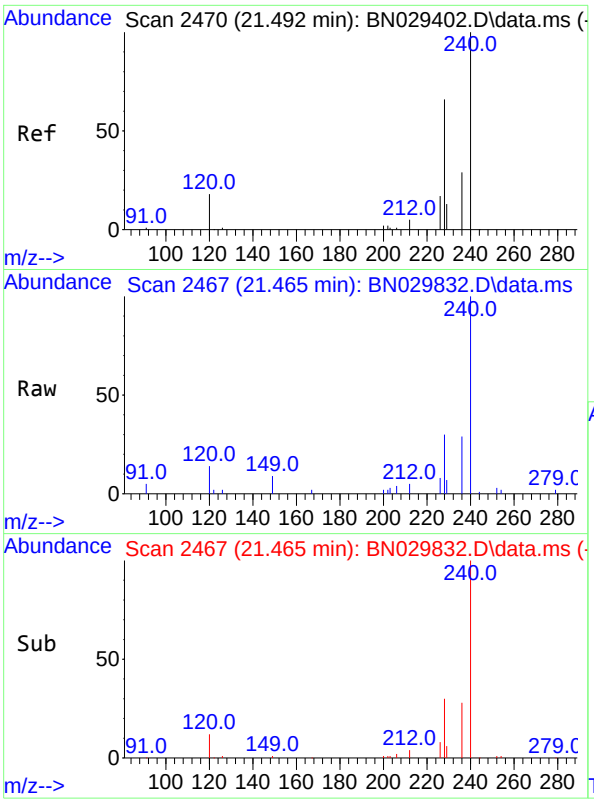


#28
Fluoranthene
Concen: 0.294 ng
RT: 19.331 min Scan# 2055
Delta R.T. 0.005 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:202 Resp: 11185

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.5	15.7
203	16.5	13.5	20.3



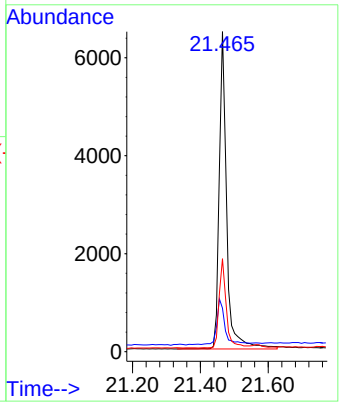


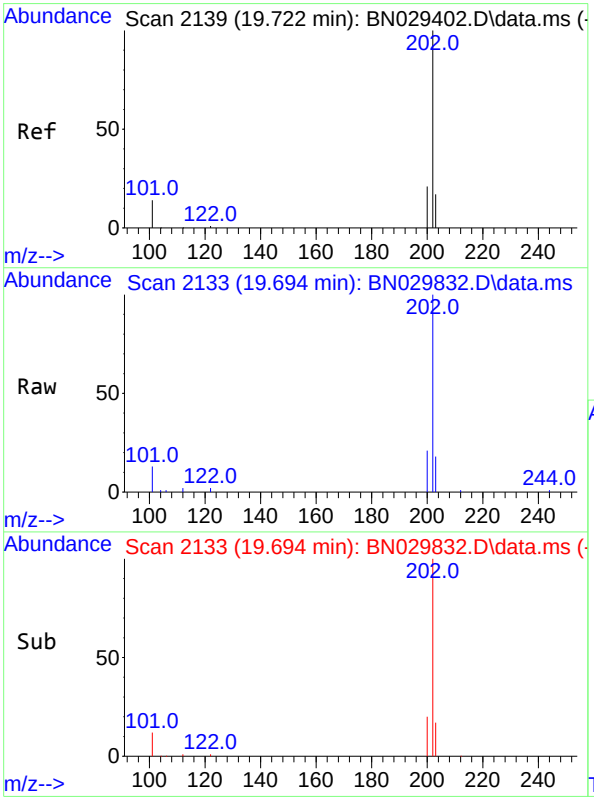
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:240 Resp: 9850

Ion	Ratio	Lower	Upper
240	100		
120	13.6	16.7	25.1#
236	29.1	23.9	35.9

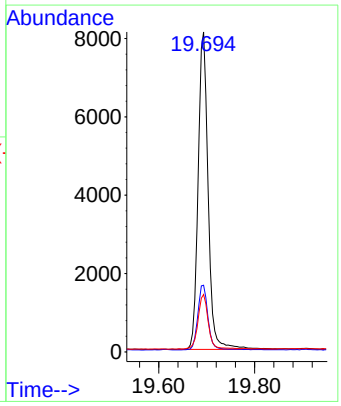


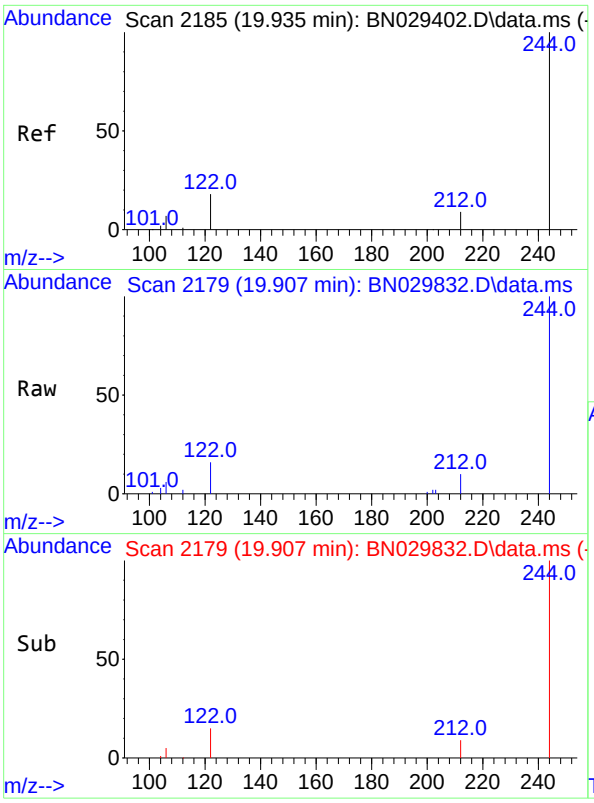


#30
Pyrene
Concen: 0.260 ng
RT: 19.694 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:202 Resp: 11783

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	14.2	21.4



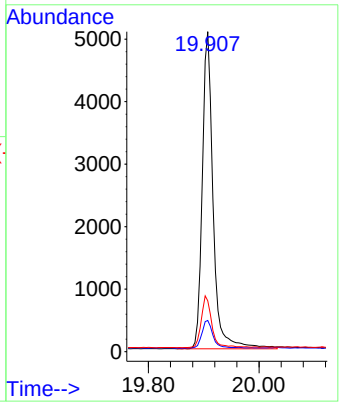


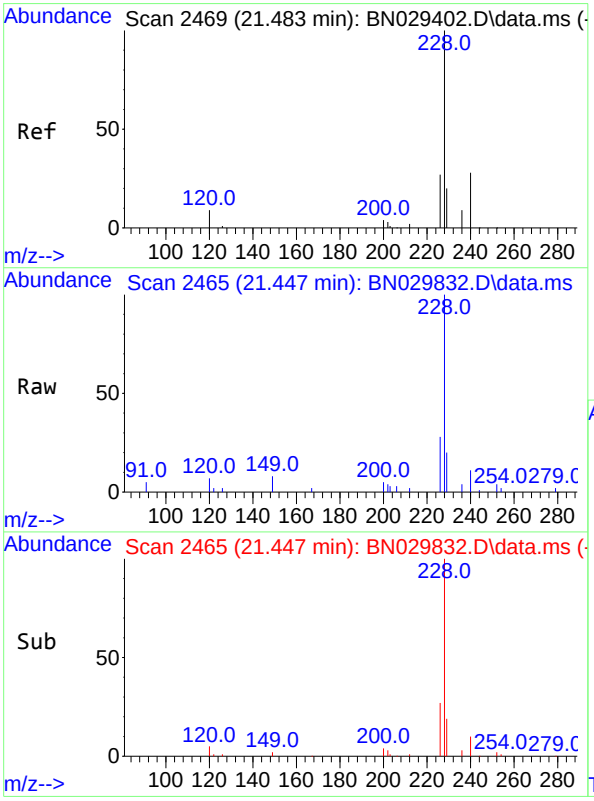
#31
Terphenyl-d14
Concen: 0.283 ng
RT: 19.907 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:244 Resp: 6922

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.2	12.4
122	15.9	15.6	23.4

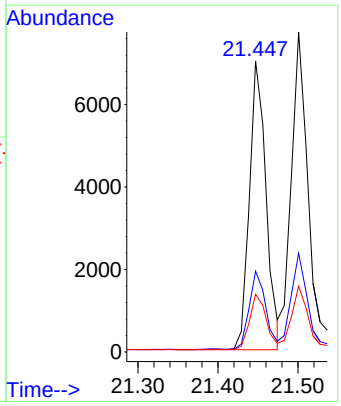


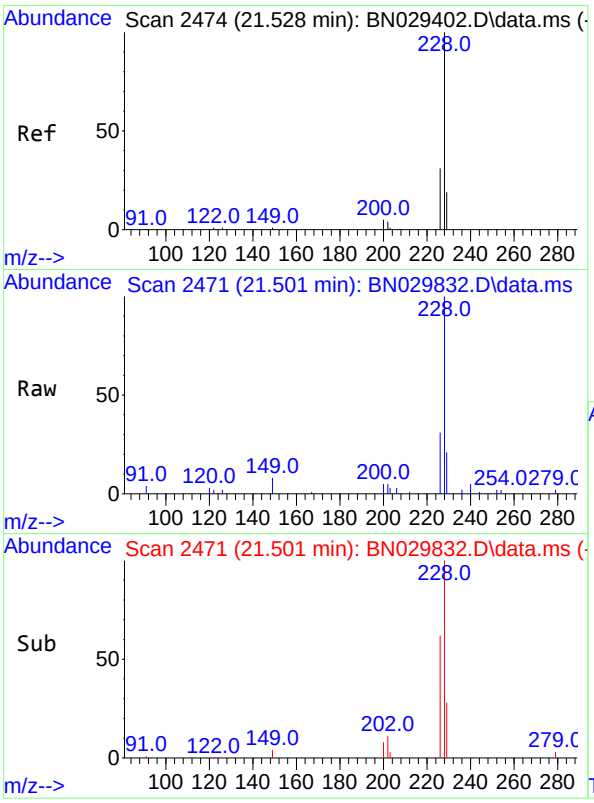


#32
Benzo(a)anthracene
Concen: 0.302 ng
RT: 21.447 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:228 Resp: 10154

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	19.9	16.5	24.7



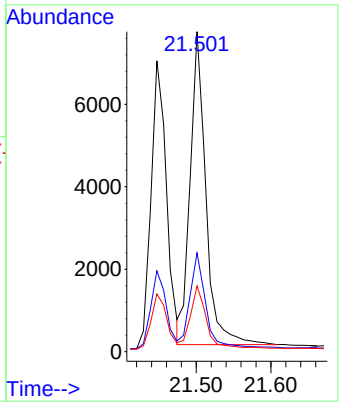


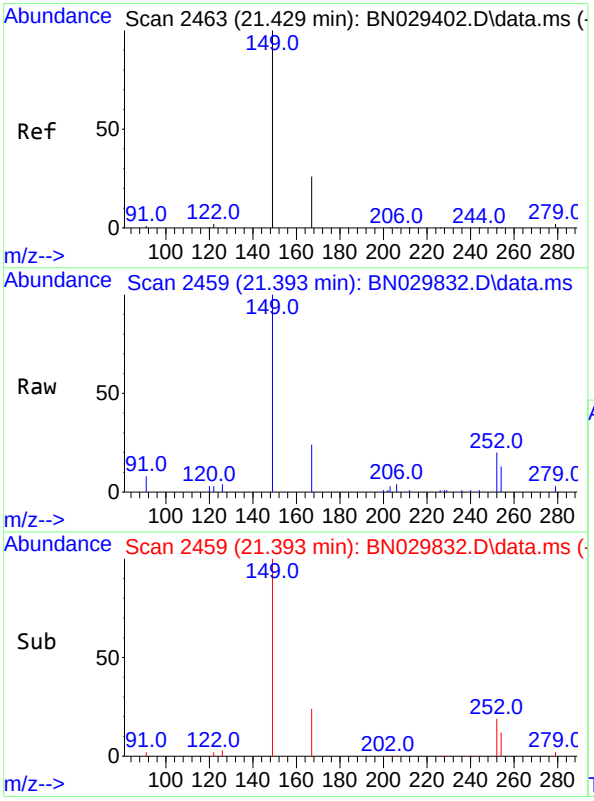
#33
Chrysene
Concen: 0.291 ng
RT: 21.501 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:228 Resp: 11131

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	15.9	23.9

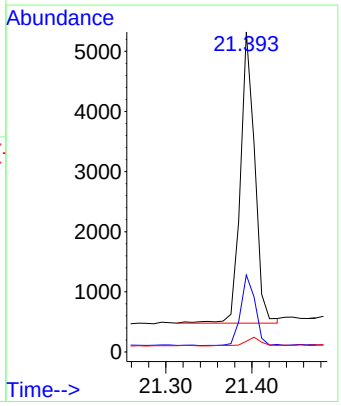


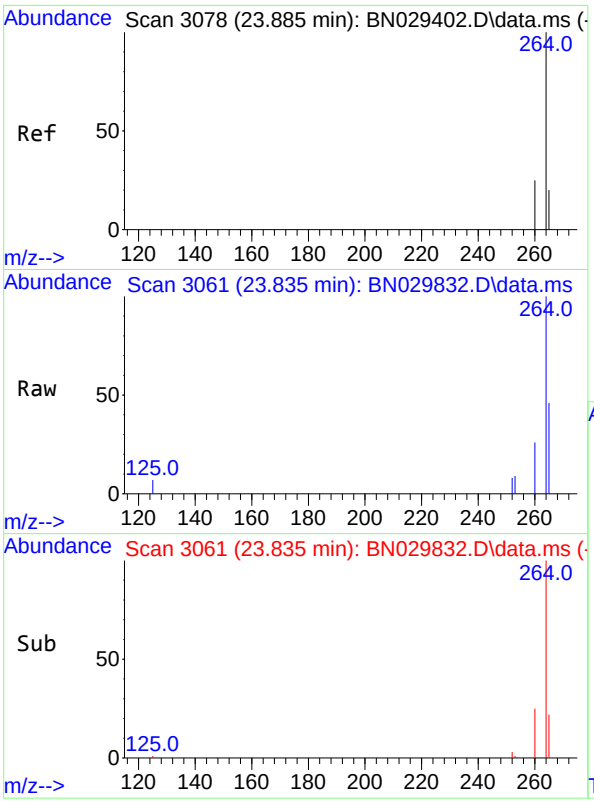


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.245 ng
RT: 21.393 min Scan# 2459
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:149 Resp: 5611

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.1	30.1
279	3.3	2.5	3.7



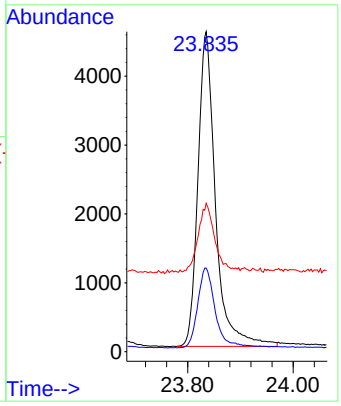


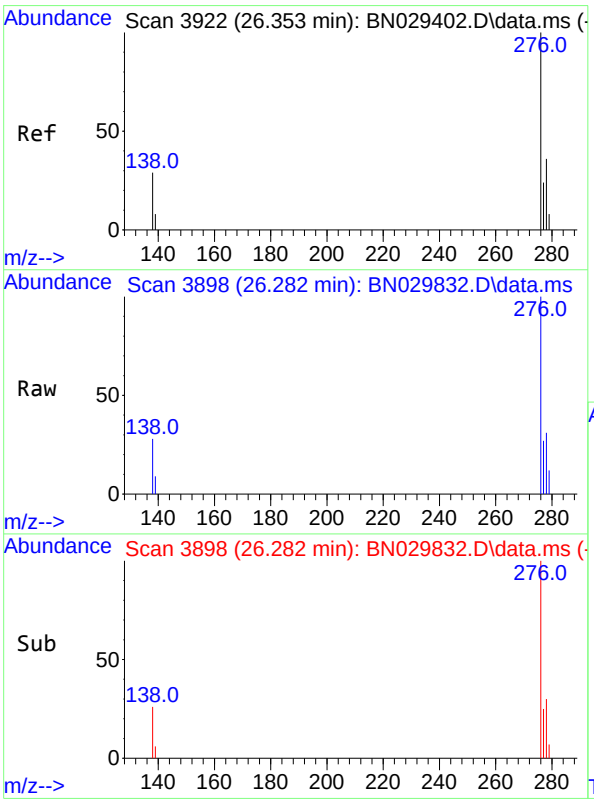
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.835 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:264 Resp: 10556

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.2	31.8
265	46.3	41.5	62.3

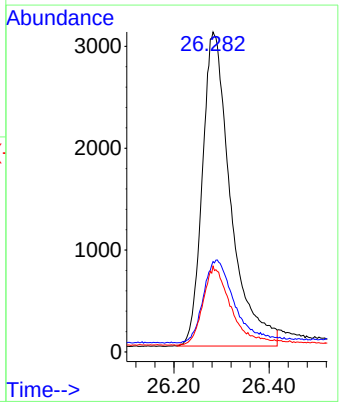


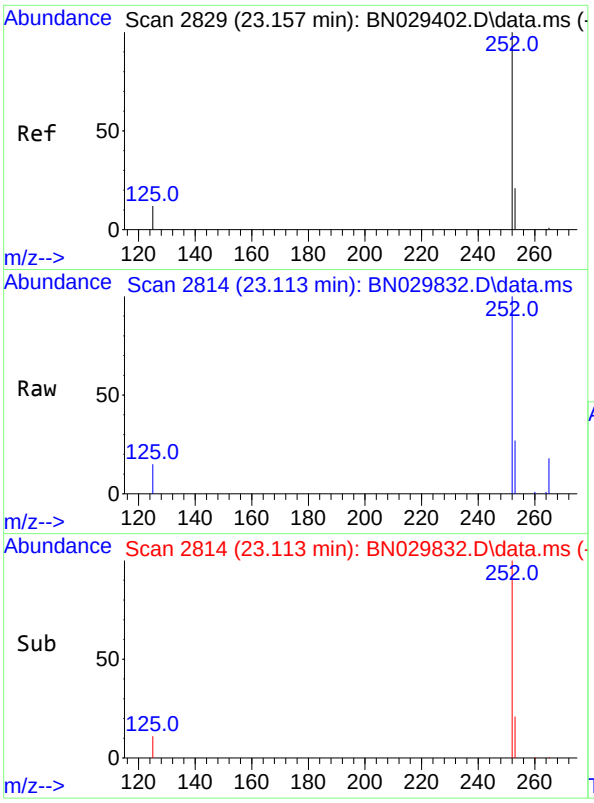


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.299 ng
RT: 26.282 min Scan# 3898
Delta R.T. 0.003 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:276 Resp: 12701

Ion	Ratio	Lower	Upper
276	100		
138	29.2	20.5	30.7
277	23.5	17.0	25.4



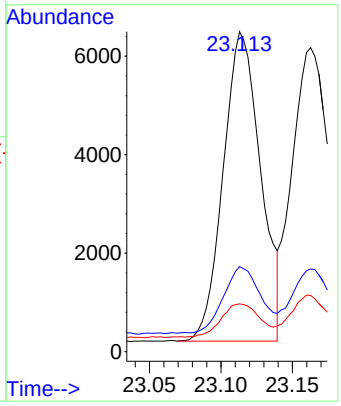


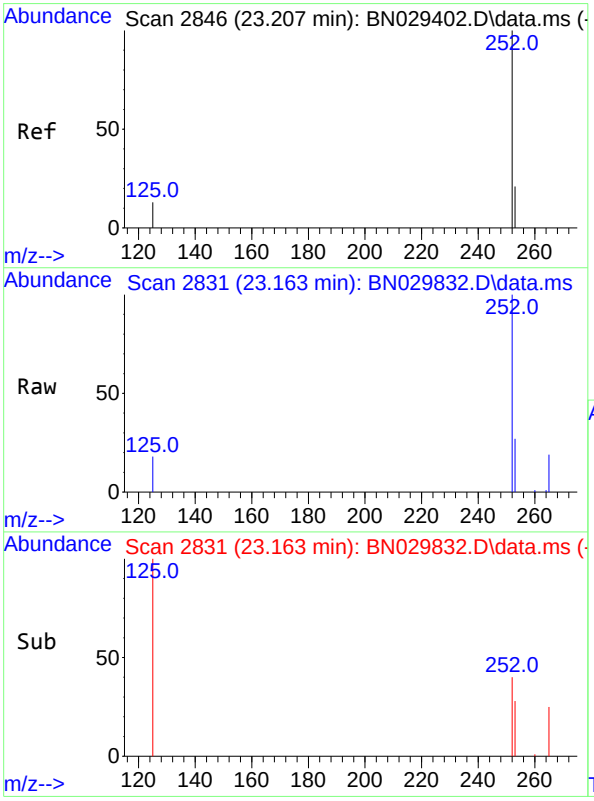
#37
Benzo(b)fluoranthene
Concen: 0.303 ng
RT: 23.113 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:252 Resp: 11448

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.7	32.5
125	15.0	13.3	19.9

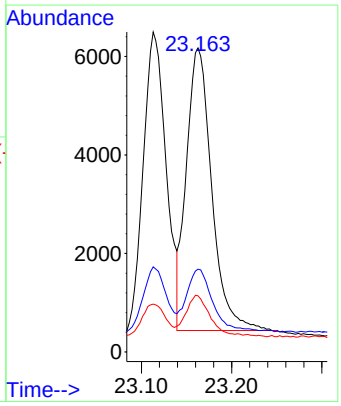


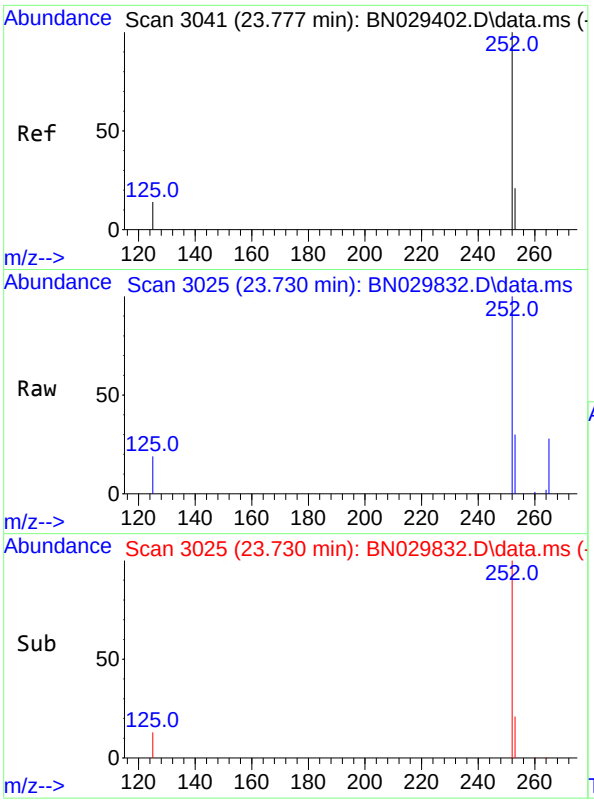


#38
Benzo(k)fluoranthene
Concen: 0.284 ng
RT: 23.163 min Scan# 2831
Delta R.T. 0.003 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:252 Resp: 11211

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.8	32.8
125	18.5	13.9	20.9



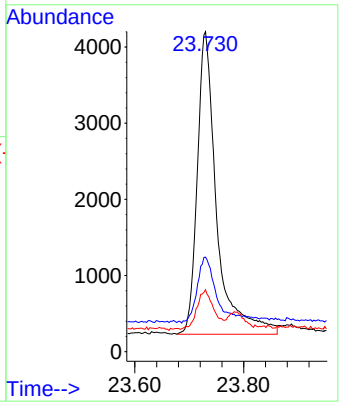


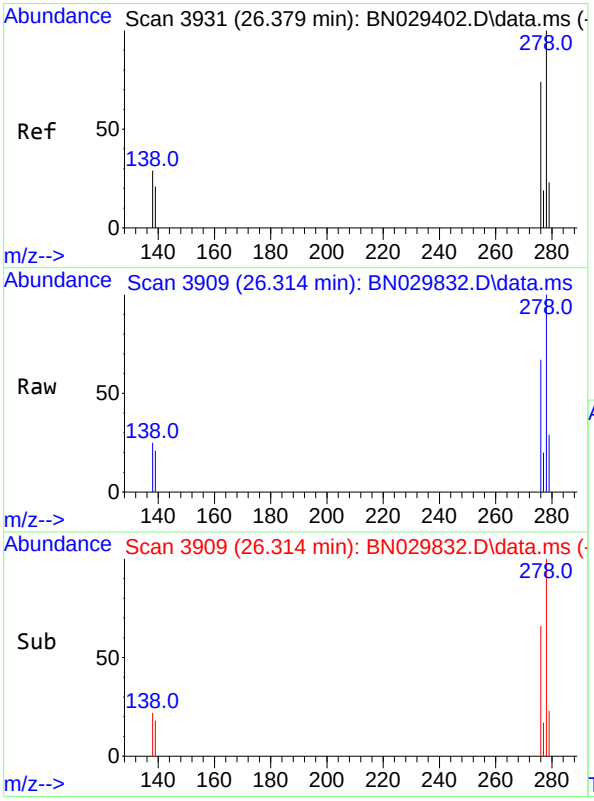
#39
Benzo(a)pyrene
Concen: 0.300 ng
RT: 23.730 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:252 Resp: 9861

Ion	Ratio	Lower	Upper
252	100		
253	29.5	24.9	37.3
125	19.3	16.6	25.0

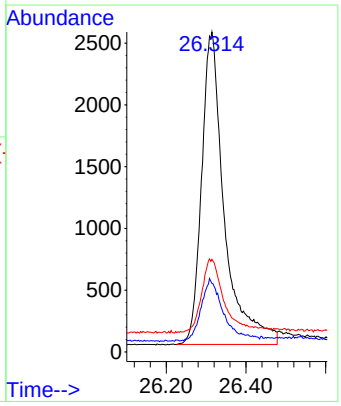


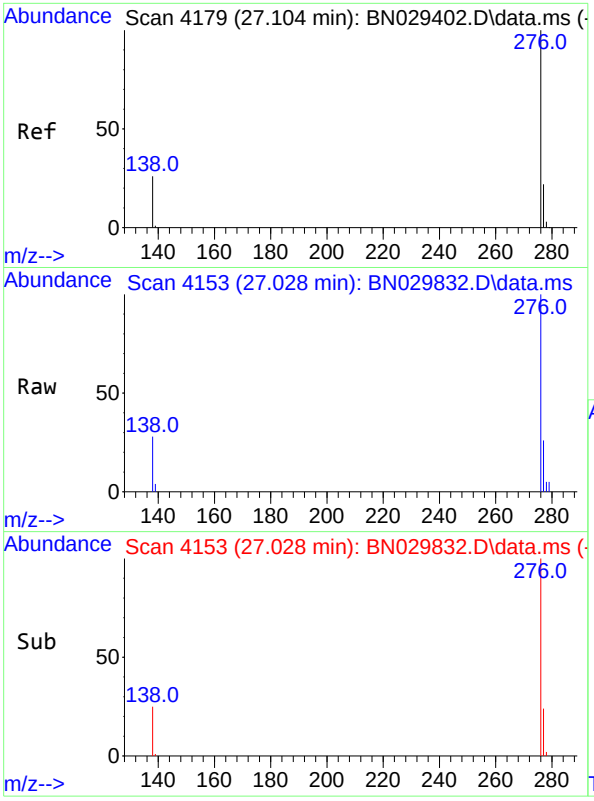


#40
Dibenzo(a,h)anthracene
Concen: 0.297 ng
RT: 26.314 min Scan# 3909
Delta R.T. 0.003 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Tgt Ion:278 Resp: 10043

Ion	Ratio	Lower	Upper
278	100		
139	21.4	20.4	30.6
279	28.9	25.0	37.6





#41
Benzo(g,h,i)perylene
Concen: 0.286 ng
RT: 27.028 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN029832.D
Acq: 16 Feb 2024 18:24

Instrument :
BNA_N
ClientSampleId :
PB158968BS

Tgt Ion:276 Resp: 11768

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.4	29.2
138	27.7	23.5	35.3