Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029312.D
Acq On : 19 Jan 2024 19:31
Operator : MA/JU
Sample : PB158469BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Quant Time: Jan 19 21:39:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3648	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	10042	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5443	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	13360	0.400	ng	0.00
29) Chrysene-d12	21.528	240	10488	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	9842	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	3557	0.393	ng	0.00
5) Phenol-d6	7.103	99	4685	0.391	ng	0.00
8) Nitrobenzene-d5	9.099	82	2781	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	5142	0.300	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	780	0.467	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	8123	0.321	ng	0.00
27) Fluoranthene-d10	19.359	212	11191	0.276	ng	0.00
31) Terphenyl-d14	19.968	244	8860	0.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.413	88	1541	0.346	ng	# 53
3) n-Nitrosodimethylamine	3.745	42	1398	0.316	ng	# 97
6) bis(2-Chloroethyl)ether	7.370	93	3525	0.313	ng	99
9) Naphthalene	10.786	128	9063	0.290	ng	99
10) Hexachlorobutadiene	11.064	225	1908	0.282	ng	# 100
12) 2-Methylnaphthalene	12.405	142	5722	0.272	ng	99
16) Acenaphthylene	14.297	152	8535	0.308	ng	100
17) Acenaphthene	14.639	154	5364	0.286	ng	98
18) Fluorene	15.617	166	7500	0.292	ng	99
20) 4,6-Dinitro-2-methylph...	15.704	198	440	0.331	ng	# 86
21) 4-Bromophenyl-phenylether	16.523	248	2444	0.344	ng	99
22) Hexachlorobenzene	16.622	284	3201	0.275	ng	97
23) Atrazine	16.796	200	1822	0.277	ng	100
24) Pentachlorophenol	16.970	266	1449	0.404	ng	96
25) Phenanthrene	17.367	178	12848	0.288	ng	100
26) Anthracene	17.454	178	10886	0.279	ng	100
28) Fluoranthene	19.392	202	14095	0.258	ng	100
30) Pyrene	19.754	202	13779	0.311	ng	100
32) Benzo(a)anthracene	21.510	228	11938	0.295	ng	100
33) Chrysene	21.564	228	12676	0.293	ng	99
34) Bis(2-ethylhexyl)phtha...	21.456	149	5340	0.293	ng	100
36) Indeno(1,2,3-cd)pyrene	26.428	276	12200	0.277	ng	99
37) Benzo(b)fluoranthene	23.201	252	11867	0.286	ng	97
38) Benzo(k)fluoranthene	23.250	252	11311	0.281	ng	96
39) Benzo(a)pyrene	23.826	252	8917	0.267	ng	95
40) Dibenzo(a,h)anthracene	26.458	278	9806	0.276	ng	95
41) Benzo(g,h,i)perylene	27.191	276	10447	0.279	ng	98

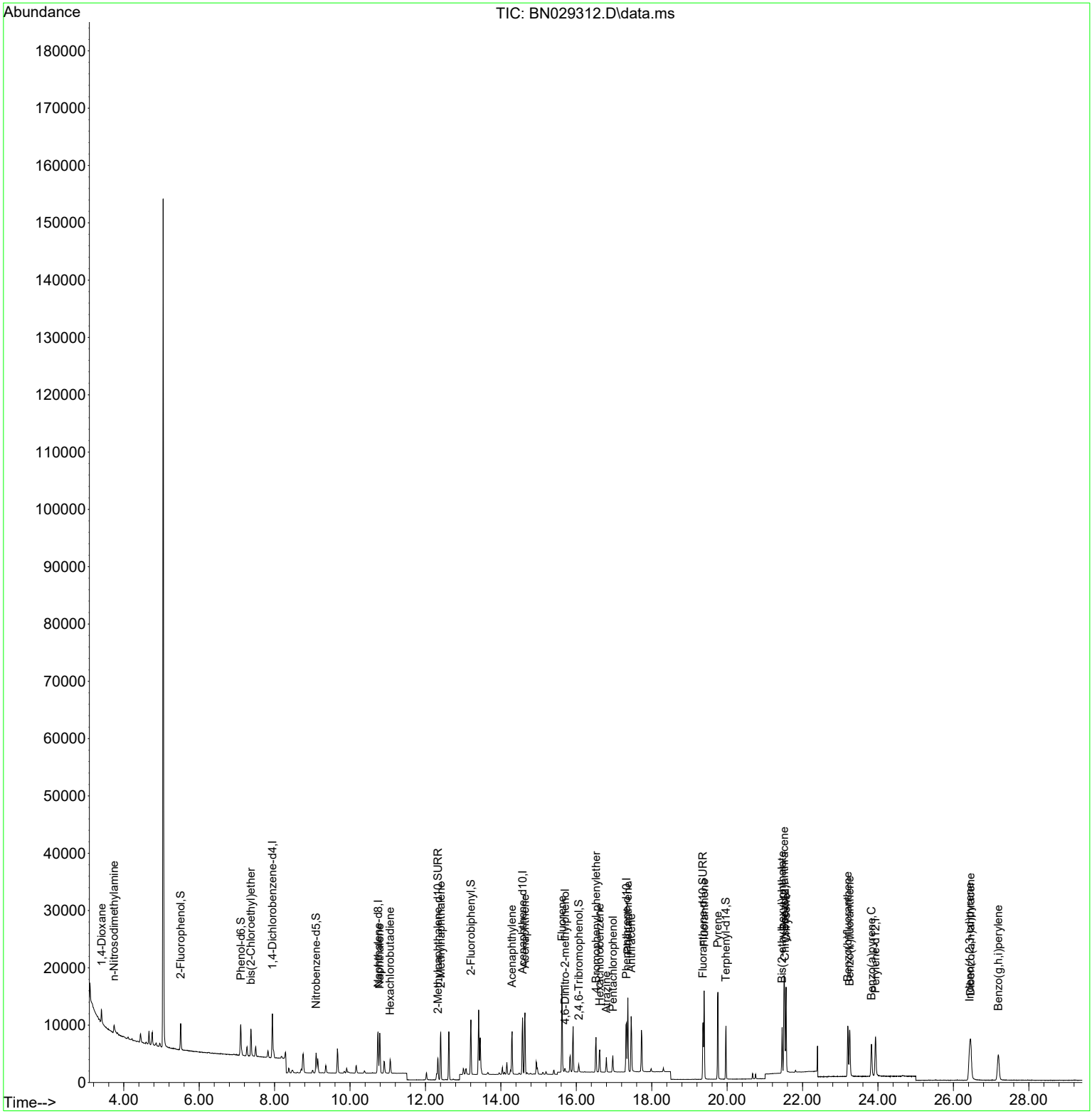
(#) = qualifier out of range (m) = manual integration (+) = signals summed

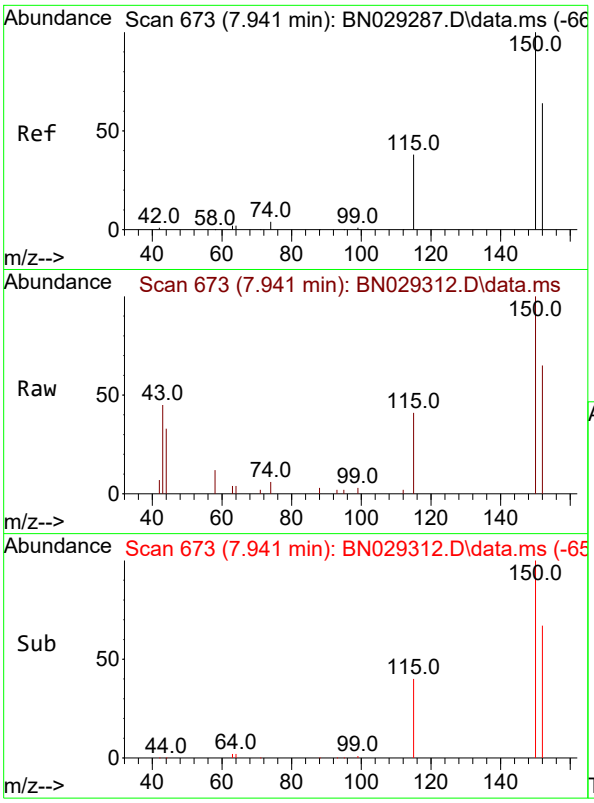
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029312.D
Acq On : 19 Jan 2024 19:31
Operator : MA/JU
Sample : PB158469BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Quant Time: Jan 19 21:39:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration



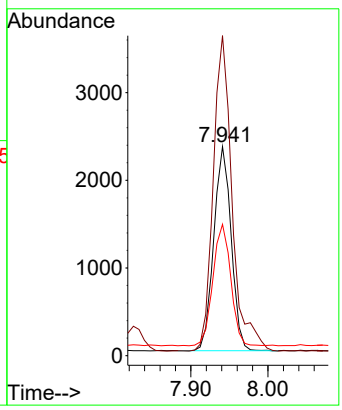


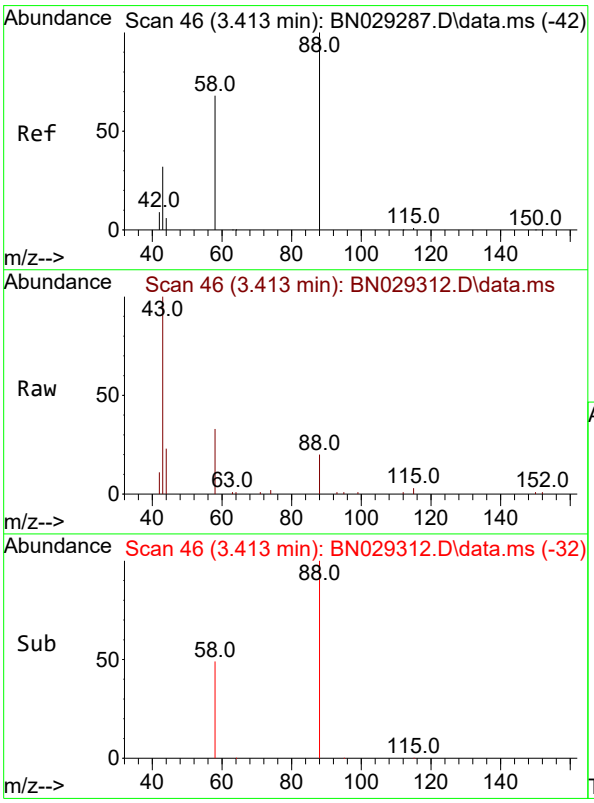
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.941 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:152 Resp: 3648

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	62.9	50.6	76.0

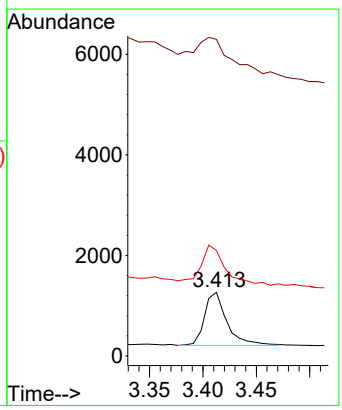


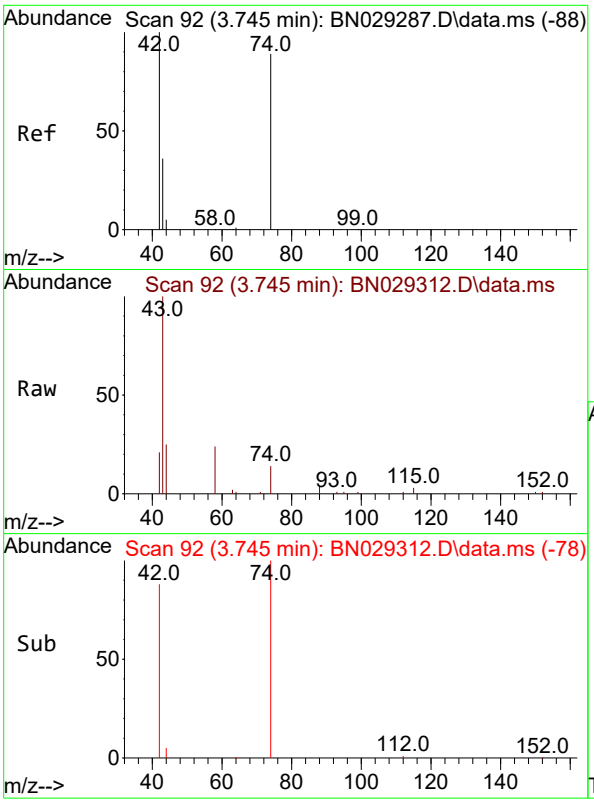


#2
1,4-Dioxane
Concen: 0.346 ng
RT: 3.413 min Scan# 46
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion: 88 Resp: 1541

Ion	Ratio	Lower	Upper
88	100		
43	94.5	26.2	39.2#
58	83.2	55.3	82.9#



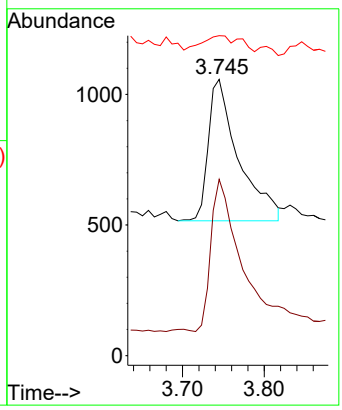


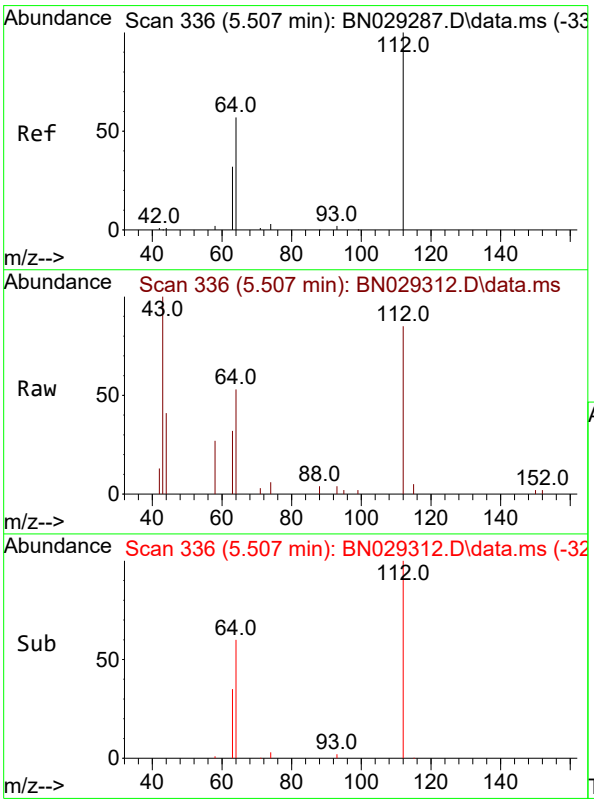
#3
n-Nitrosodimethylamine
Concen: 0.316 ng
RT: 3.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion: 42 Resp: 1398

Ion	Ratio	Lower	Upper
42	100		
74	104.9	85.4	128.2
44	15.8	2.8	4.2#

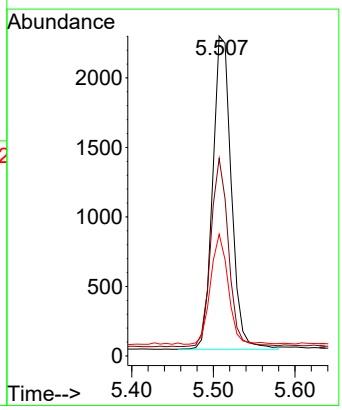


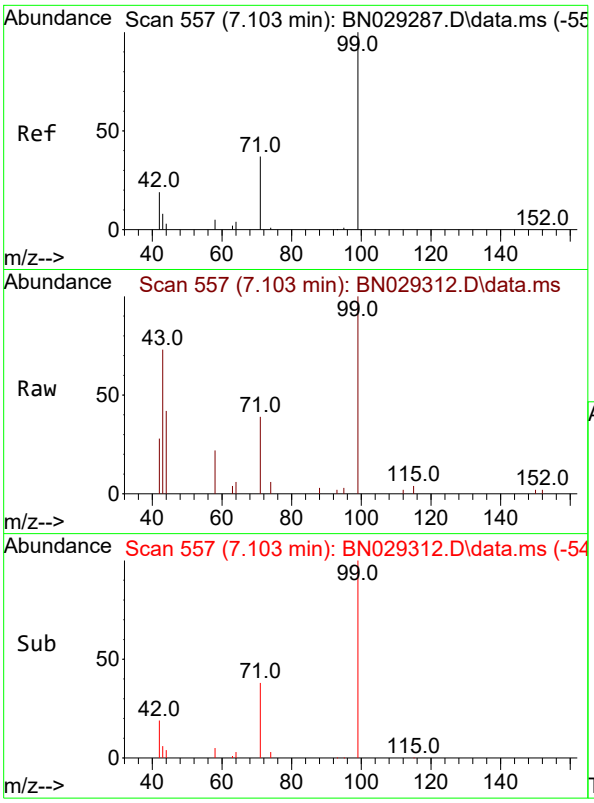


#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.507 min Scan# 336
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:112 Resp: 3557

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	33.6	26.6	39.8



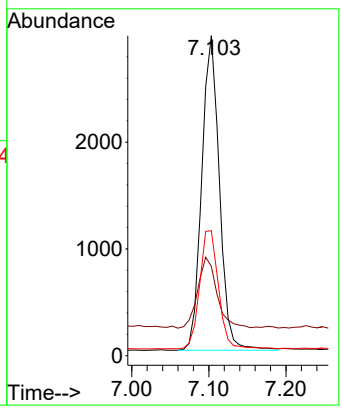


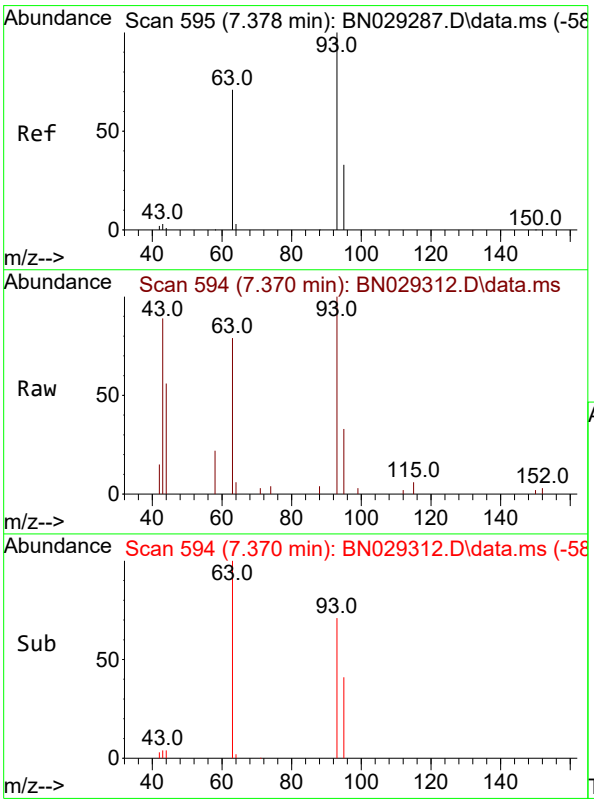
#5
Phenol-d6
Concen: 0.391 ng
RT: 7.103 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion: 99 Resp: 4685

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.1	28.7
71	40.0	31.2	46.8

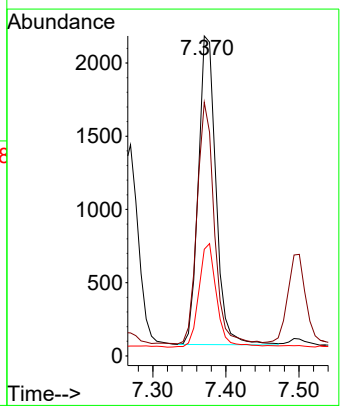


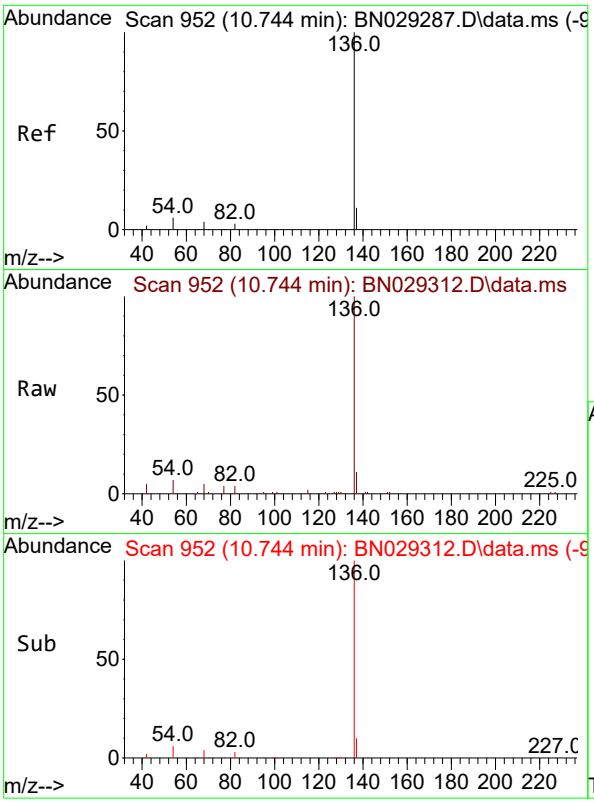


#6
bis(2-Chloroethyl)ether
Concen: 0.313 ng
RT: 7.370 min Scan# 594
Delta R.T. -0.007 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion: 93 Resp: 3525

Ion	Ratio	Lower	Upper
93	100		
63	75.9	61.3	91.9
95	33.8	26.3	39.5



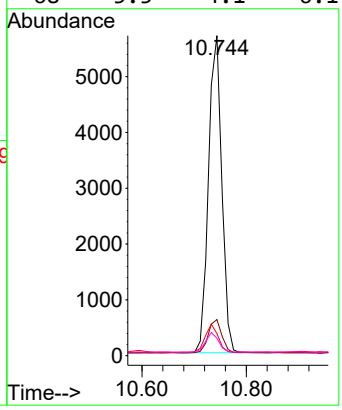


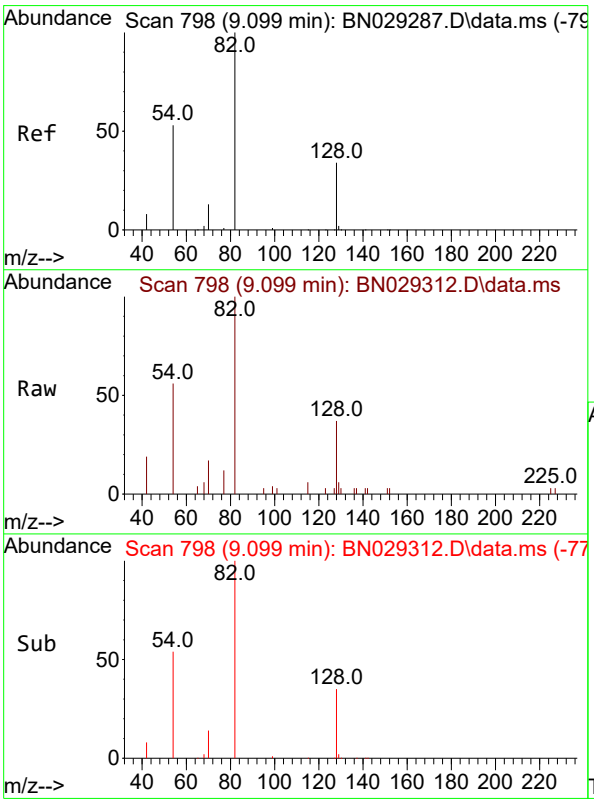
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.744 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:136 Resp: 10042

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	5.2	7.8
68	5.5	4.1	6.1

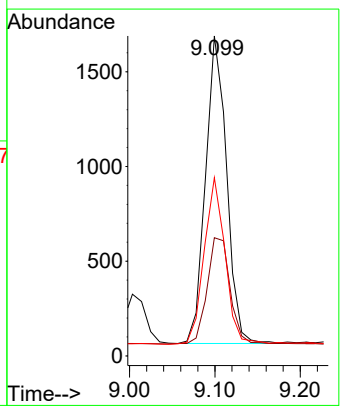


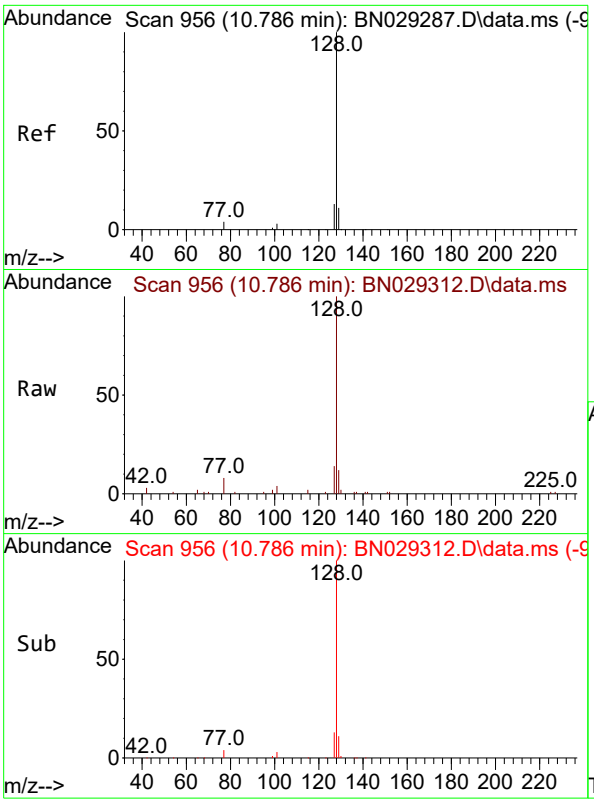


#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.099 min Scan# 798
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion: 82 Resp: 2781

Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.6	43.0
54	55.7	42.9	64.3



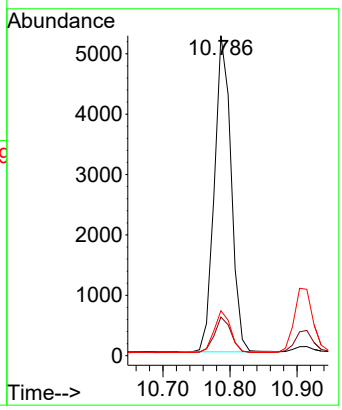


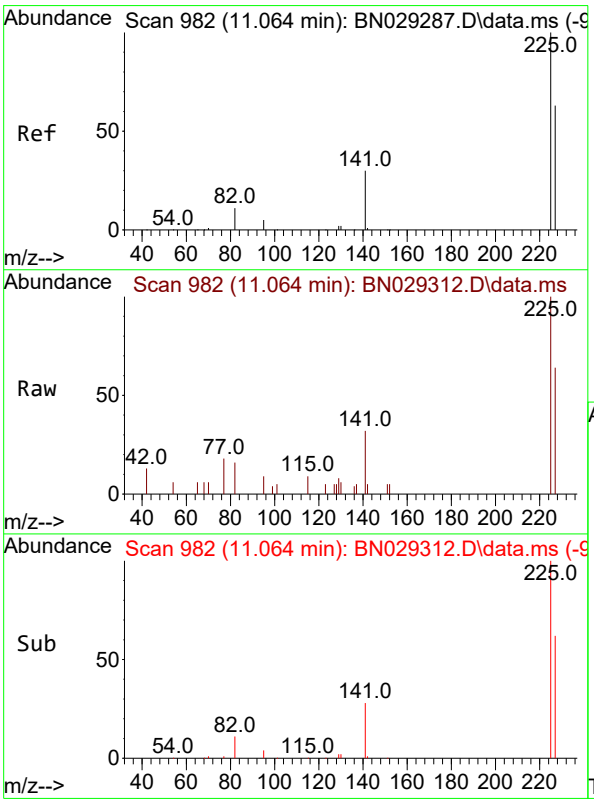
#9
Naphthalene
Concen: 0.290 ng
RT: 10.786 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:128 Resp: 9063

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.3	13.9
127	14.1	11.2	16.8

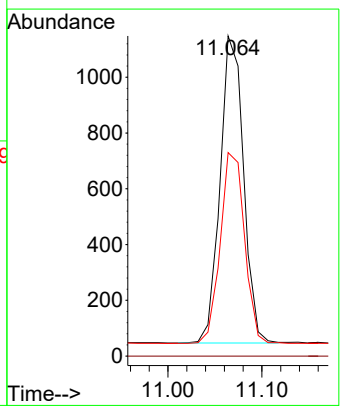


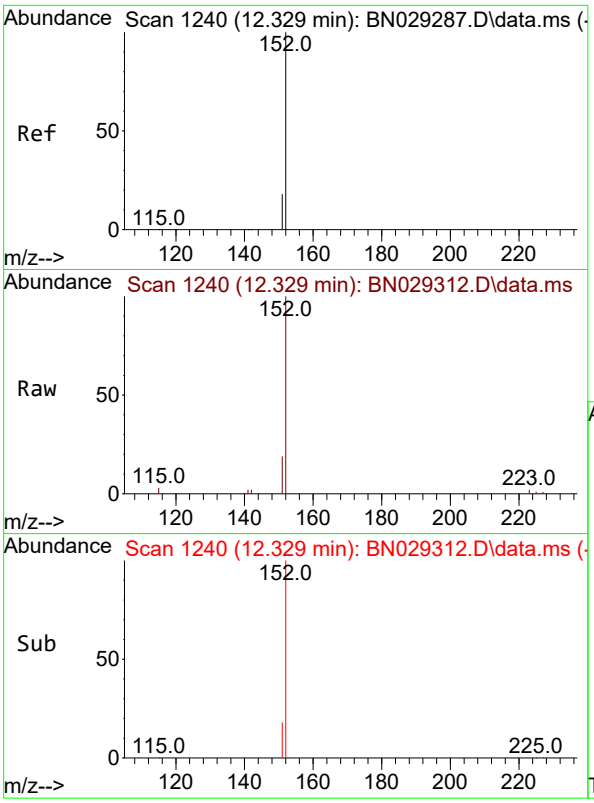


#10
Hexachlorobutadiene
Concen: 0.282 ng
RT: 11.064 min Scan# 982
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:225 Resp: 1908

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.3	76.9



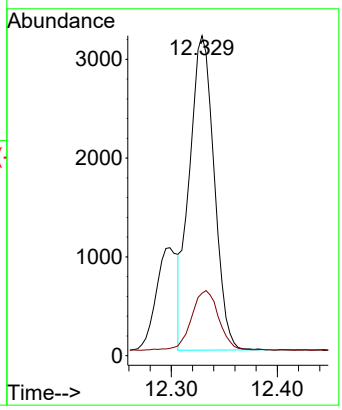


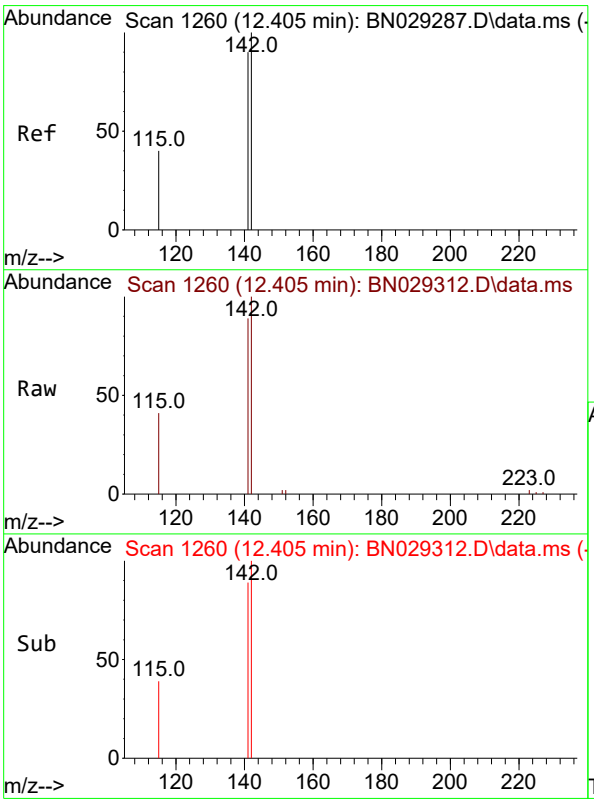
#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:152 Resp: 5142

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.6	24.8

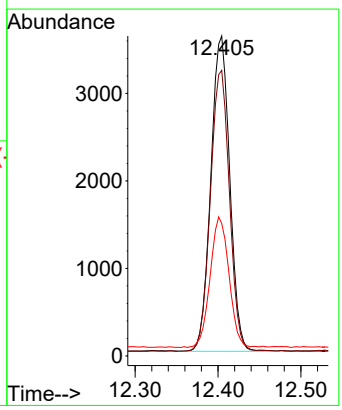


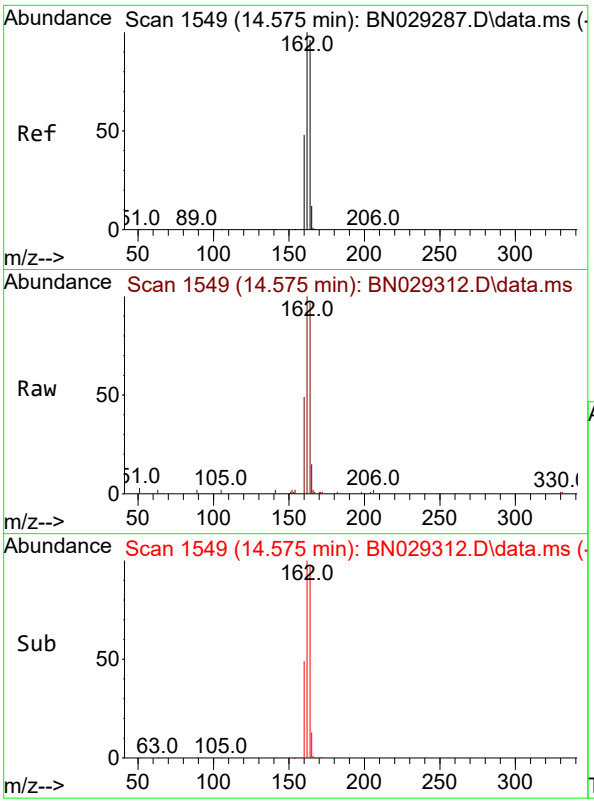


#12
2-Methylnaphthalene
Concen: 0.272 ng
RT: 12.405 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:142 Resp: 5722

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2
115	41.4	32.9	49.3



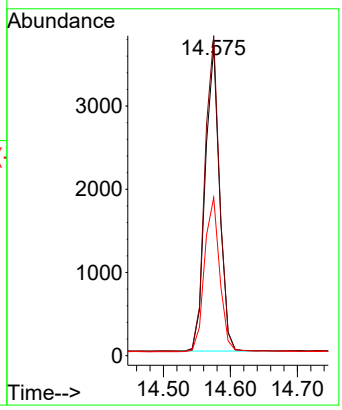


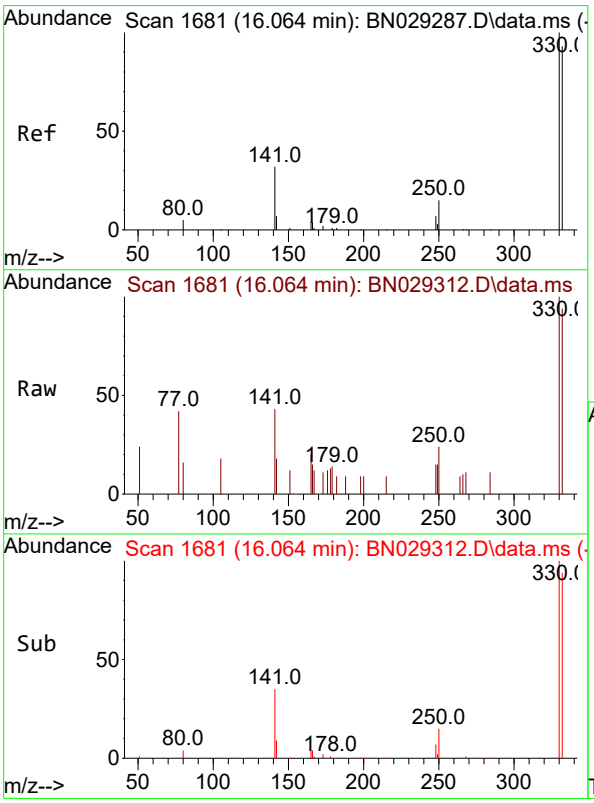
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.575 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:164 Resp: 5443

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.2
160	51.1	40.6	61.0

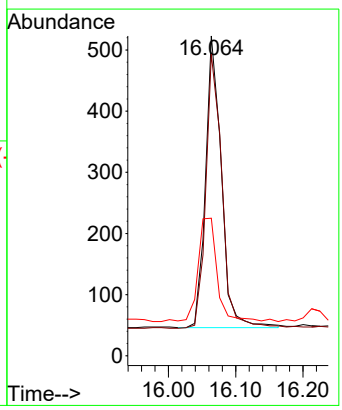


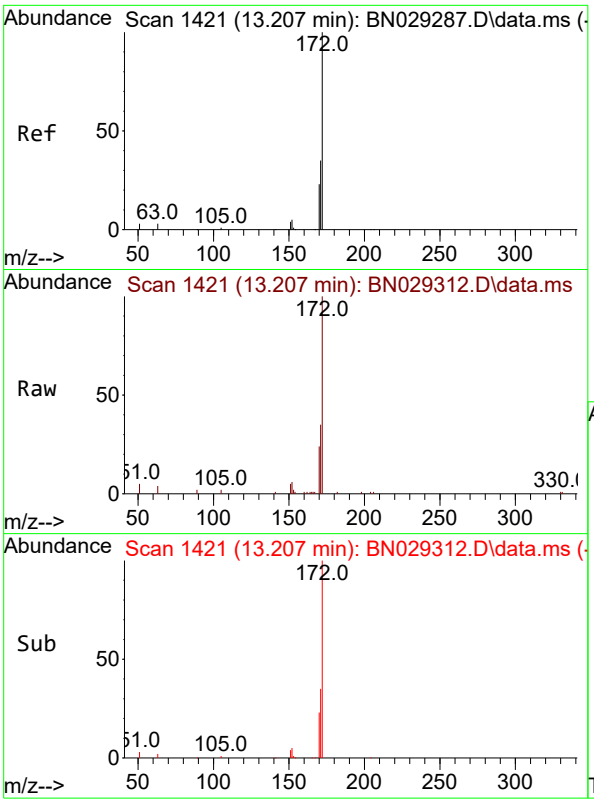


#14
2,4,6-Tribromophenol
Concen: 0.467 ng
RT: 16.064 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:330 Resp: 780

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	42.8	34.3	51.5



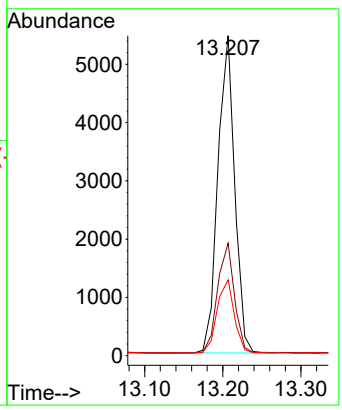


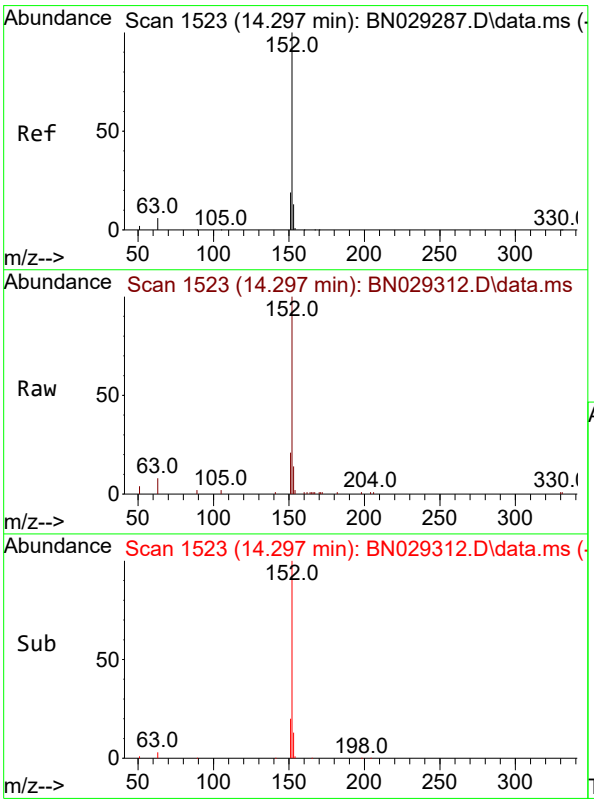
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.207 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:172 Resp: 8123

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.7	18.7	28.1

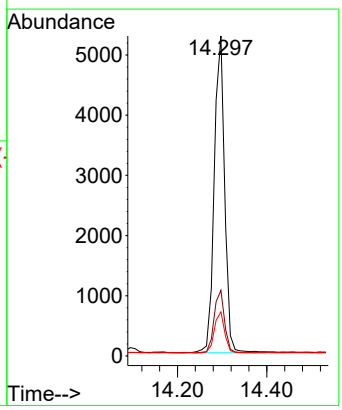


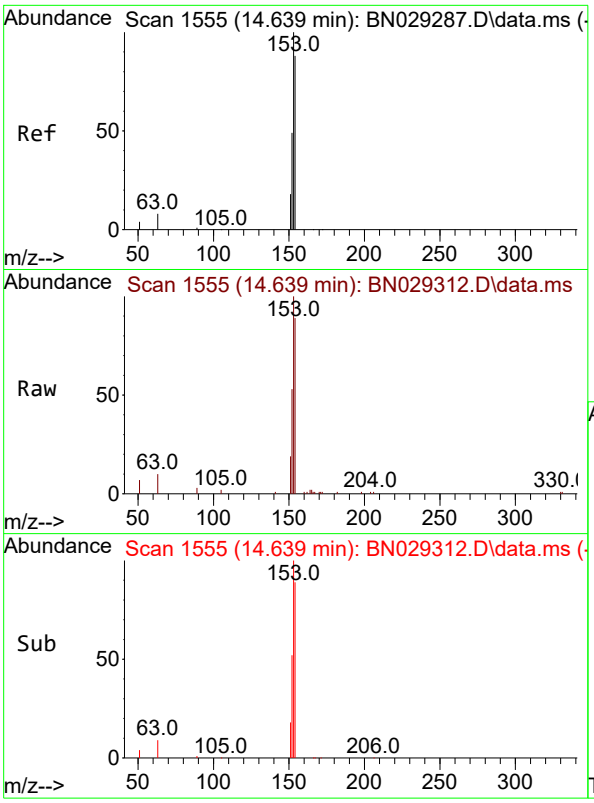


#16
Acenaphthylene
Concen: 0.308 ng
RT: 14.297 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:152 Resp: 8535

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.9	10.6	16.0





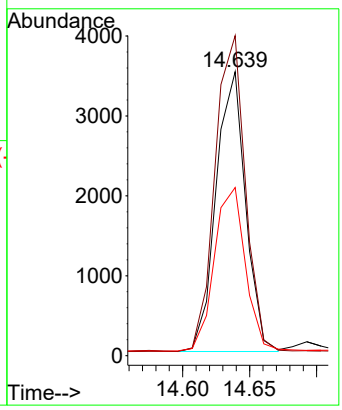
#17
Acenaphthene
Concen: 0.286 ng
RT: 14.639 min Scan# 1

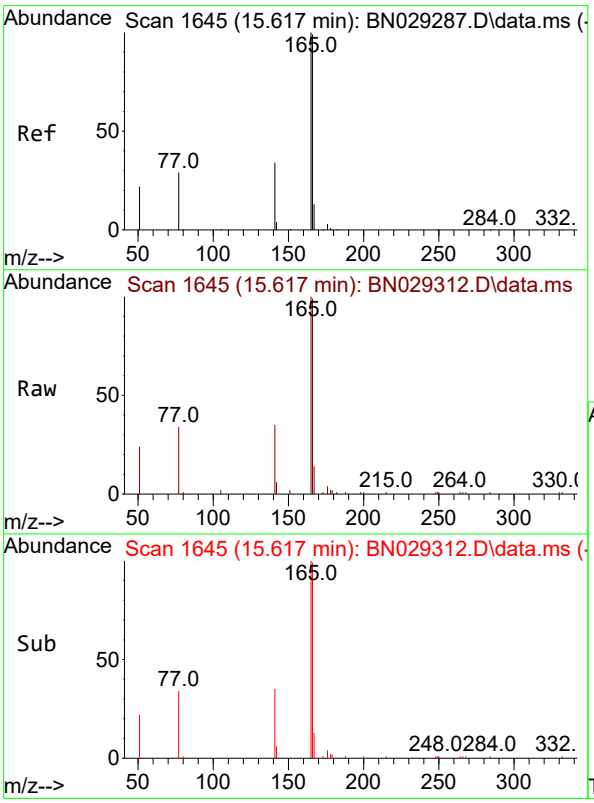
Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:154 Resp: 5364

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.2	138.2
152	61.7	47.4	71.2

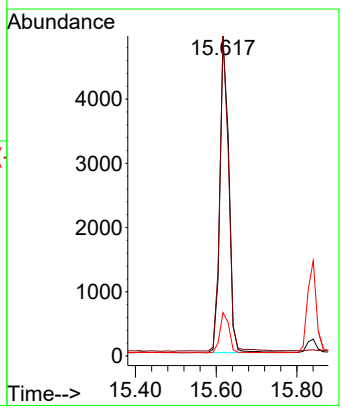


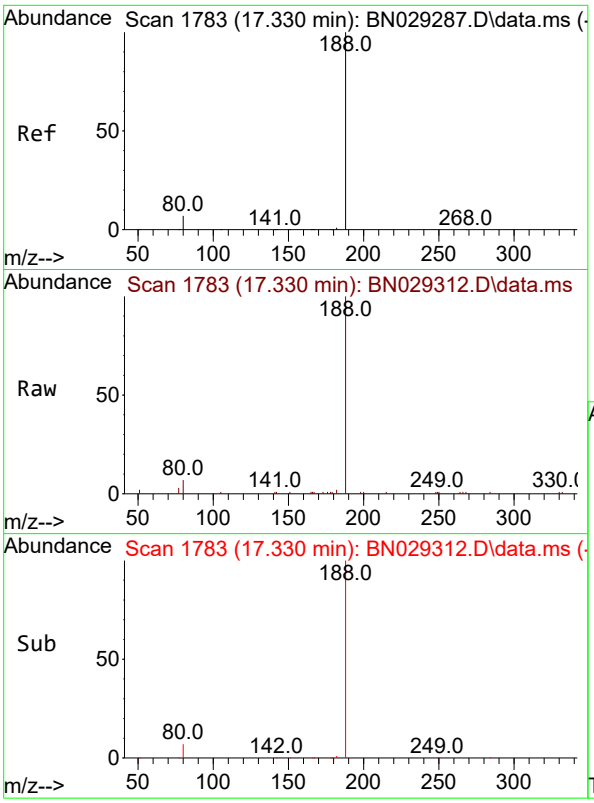


#18
Fluorene
Concen: 0.292 ng
RT: 15.617 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:166 Resp: 7500

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.3	118.9
167	13.3	10.8	16.2



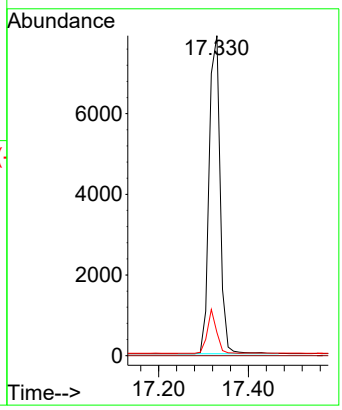


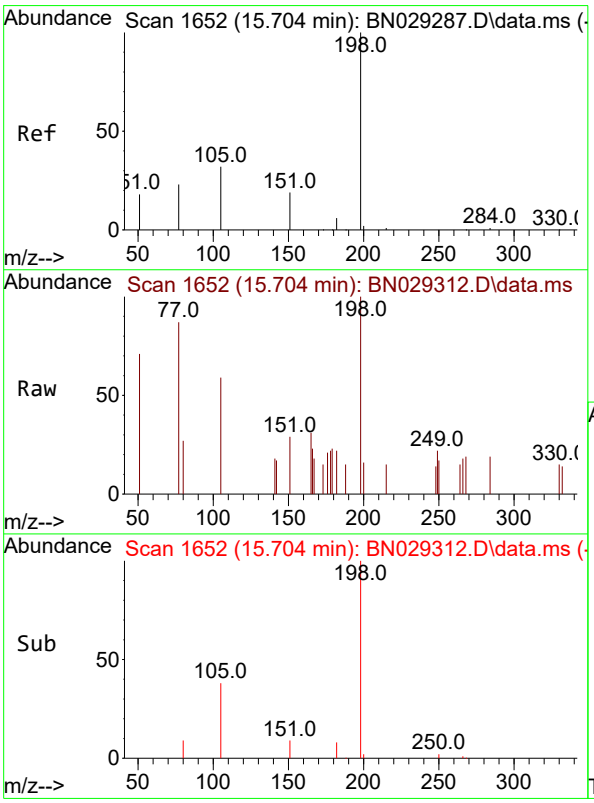
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.330 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:188 Resp: 13360

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	5.7	8.5

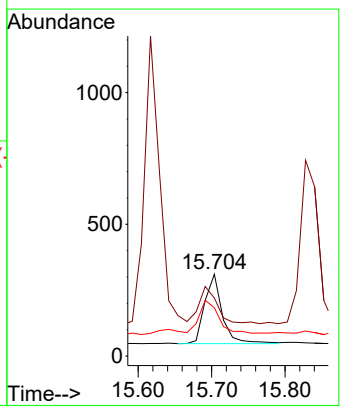


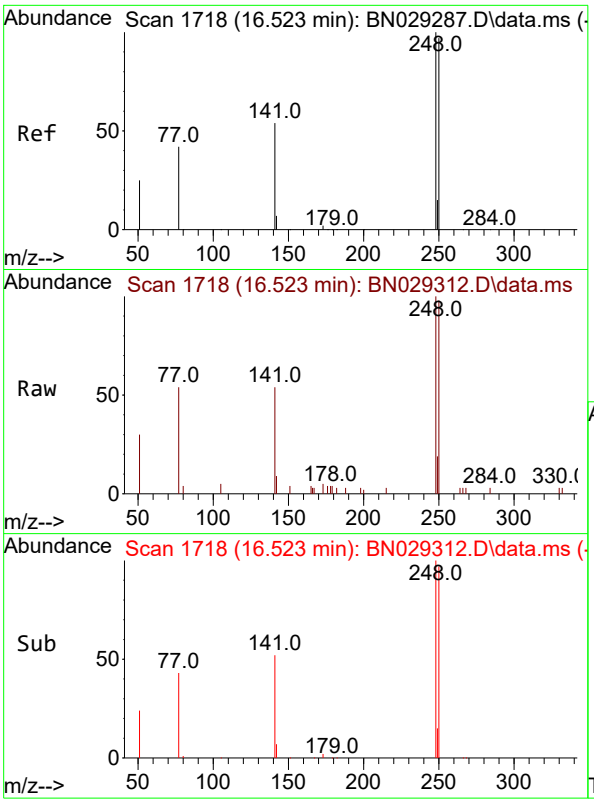


#20
4,6-Dinitro-2-methylphenol
Concen: 0.331 ng
RT: 15.704 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:198 Resp: 440

Ion	Ratio	Lower	Upper
198	100		
51	70.7	48.8	73.2
105	58.8	39.0	58.6#



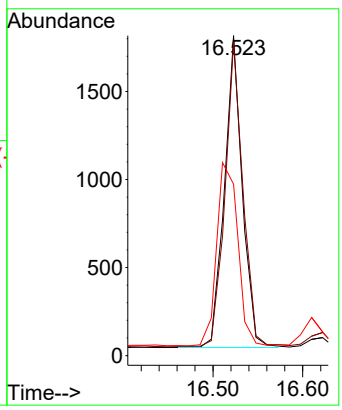


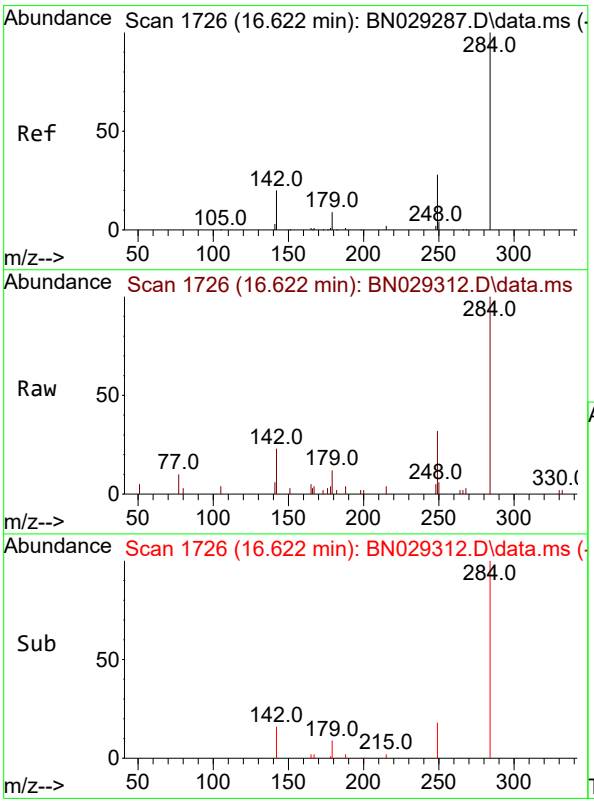
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.523 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:248 Resp: 2444

Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.1	117.1
141	53.6	44.2	66.4

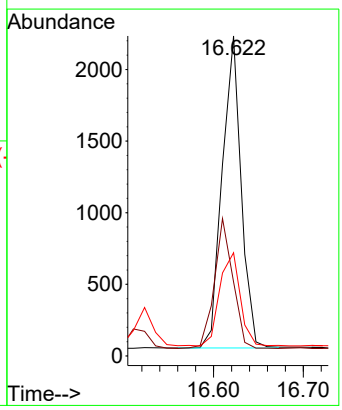


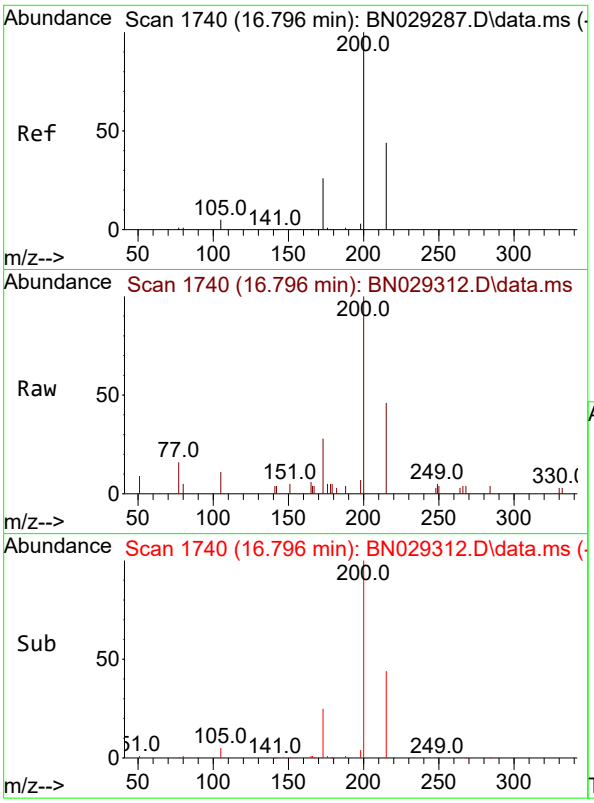


#22
Hexachlorobenzene
Concen: 0.275 ng
RT: 16.622 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:284 Resp: 3201

Ion	Ratio	Lower	Upper
284	100		
142	40.4	30.6	45.8
249	32.2	24.9	37.3



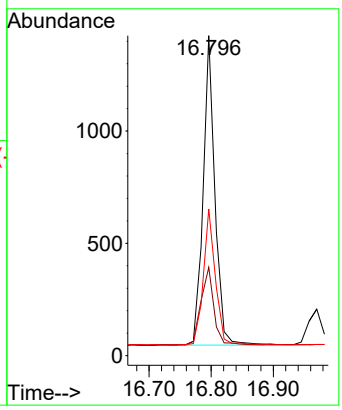


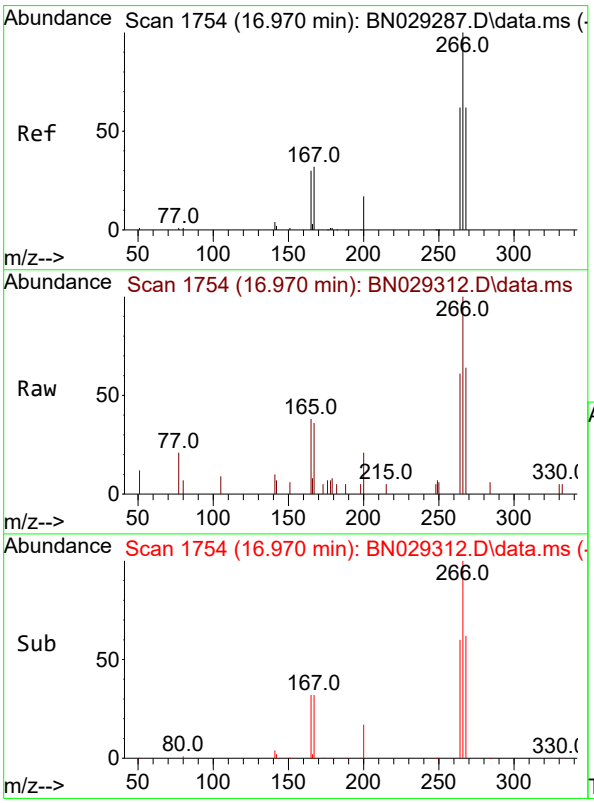
#23
Atrazine
Concen: 0.277 ng
RT: 16.796 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:200 Resp: 1822

Ion	Ratio	Lower	Upper
200	100		
173	27.6	22.2	33.4
215	45.8	36.6	54.8

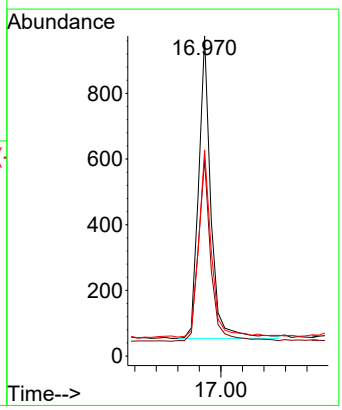


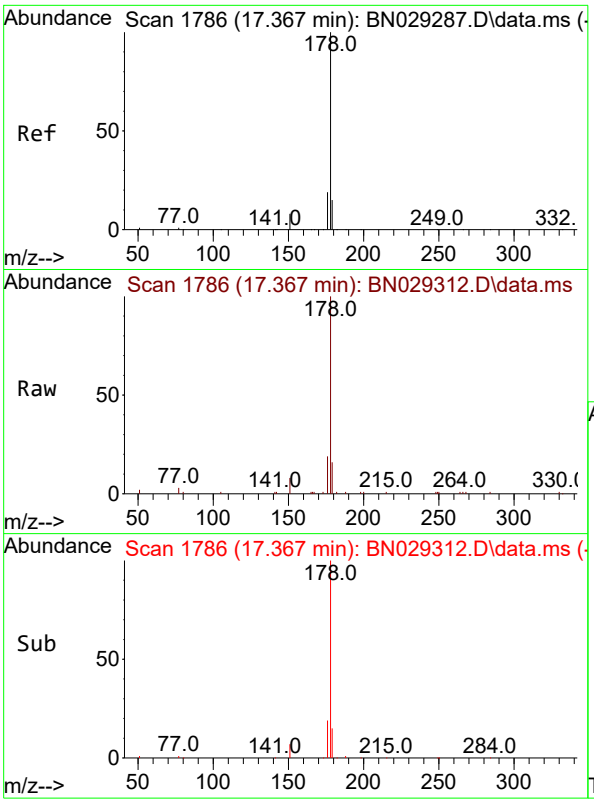


#24
Pentachlorophenol
Concen: 0.404 ng
RT: 16.970 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:266 Resp: 1449

Ion	Ratio	Lower	Upper
266	100		
264	62.3	48.3	72.5
268	64.5	47.7	71.5



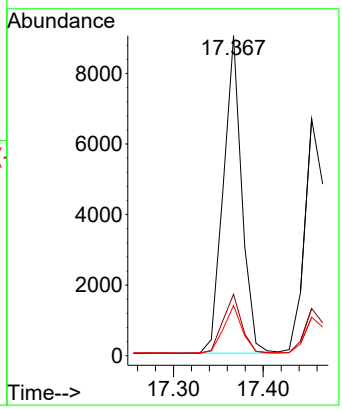


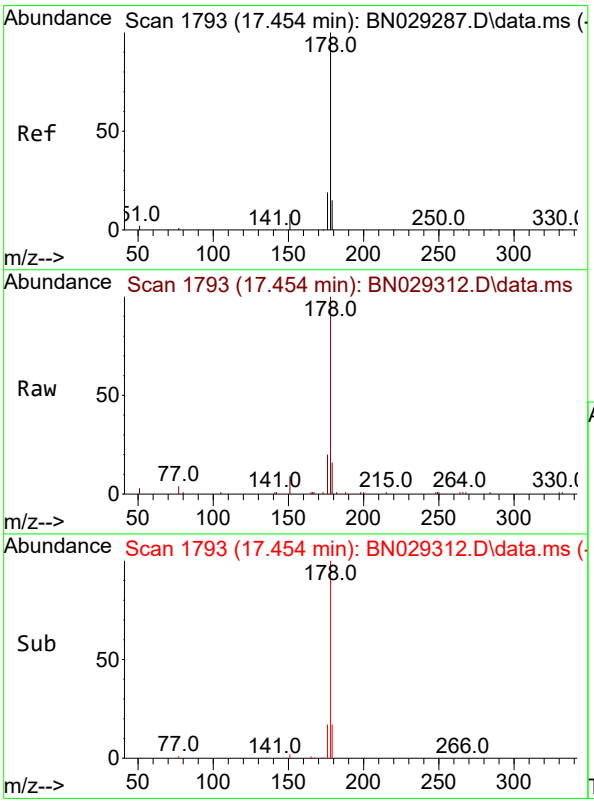
#25
Phenanthrene
Concen: 0.288 ng
RT: 17.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:178 Resp: 12848

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.1	12.3	18.5

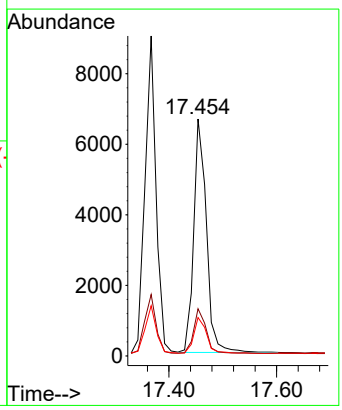


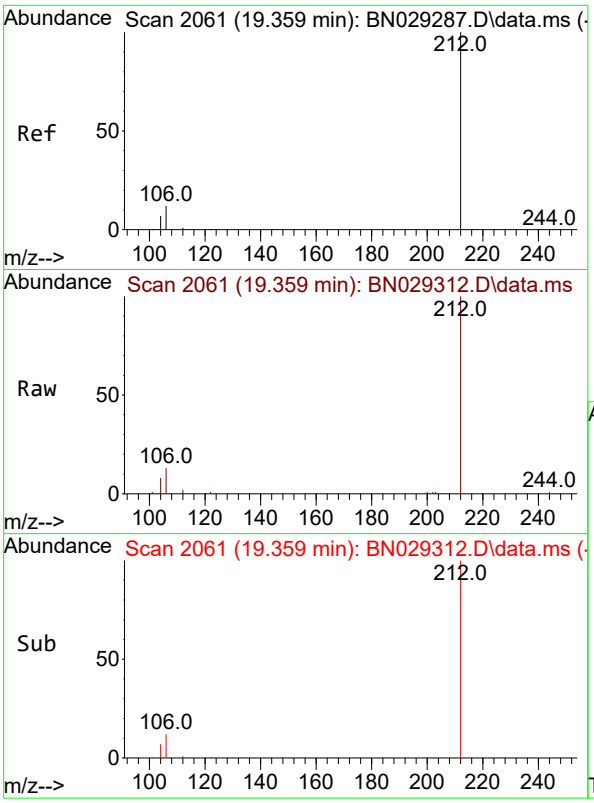


#26
Anthracene
Concen: 0.279 ng
RT: 17.454 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:178 Resp: 10886

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.2



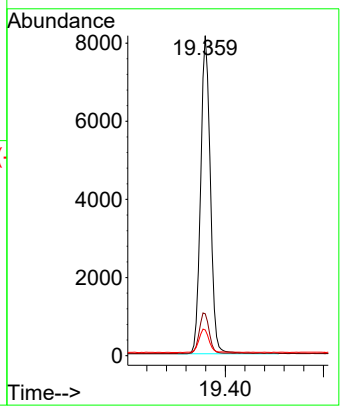


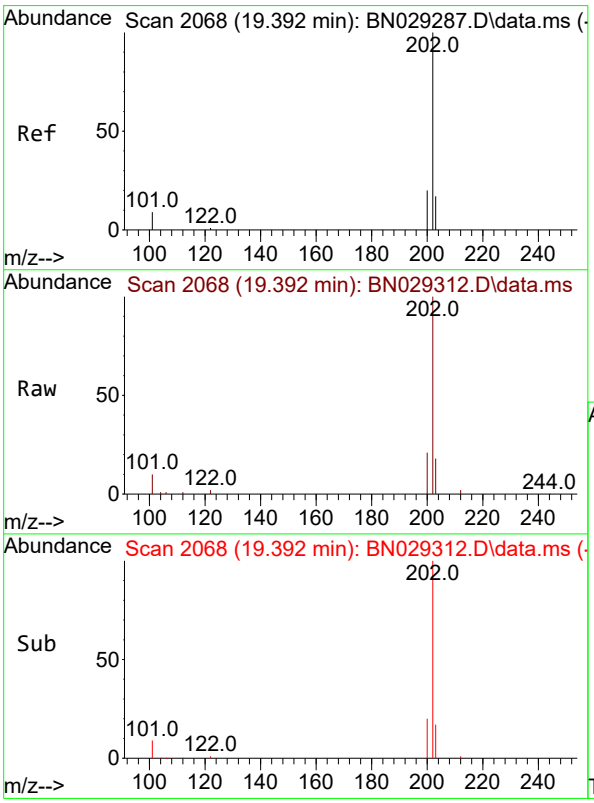
#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.359 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:212 Resp: 11191

Ion	Ratio	Lower	Upper
212	100		
106	13.0	9.9	14.9
104	7.8	5.8	8.8

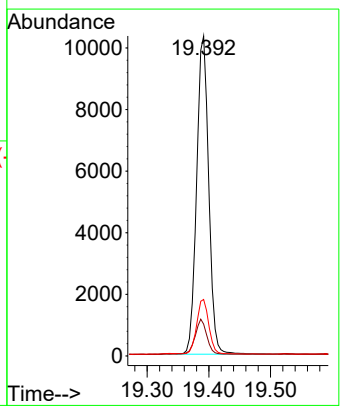


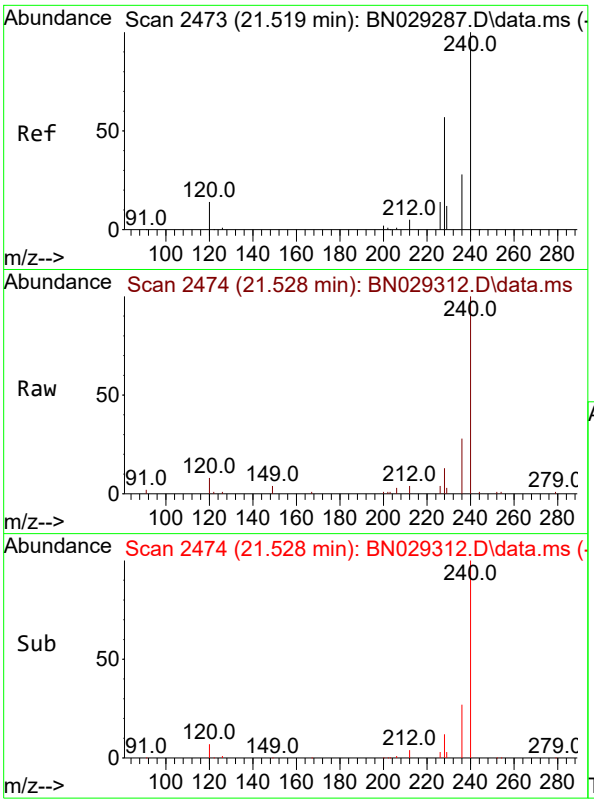


#28
Fluoranthene
Concen: 0.258 ng
RT: 19.392 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:202 Resp: 14095

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.1	12.1
203	17.1	13.8	20.6



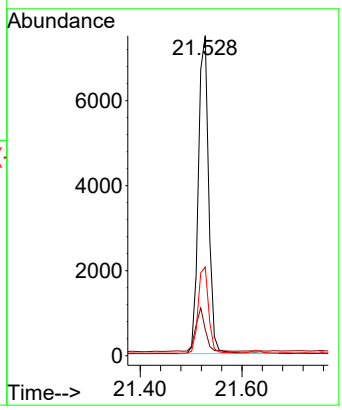


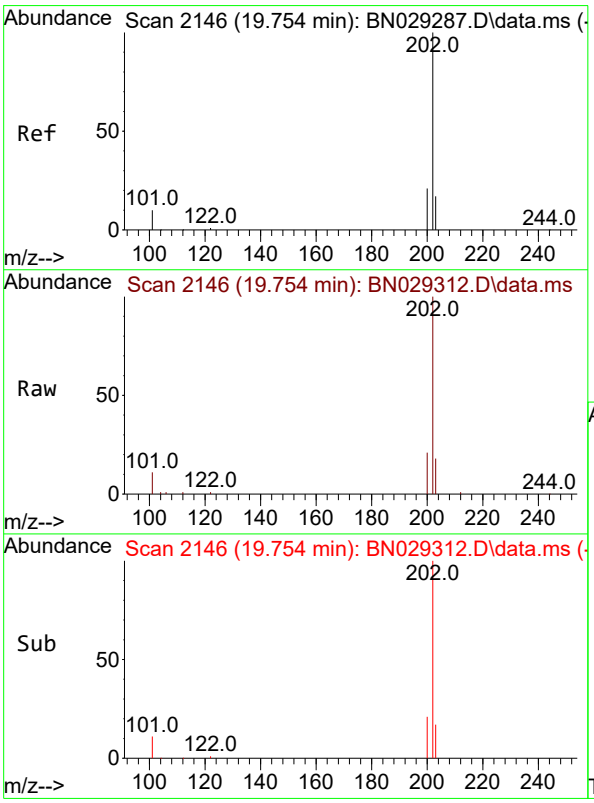
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.528 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:240 Resp: 10488

Ion	Ratio	Lower	Upper
240	100		
120	8.2	11.8	17.8#
236	27.7	22.7	34.1

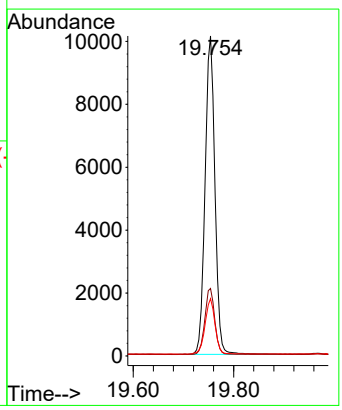


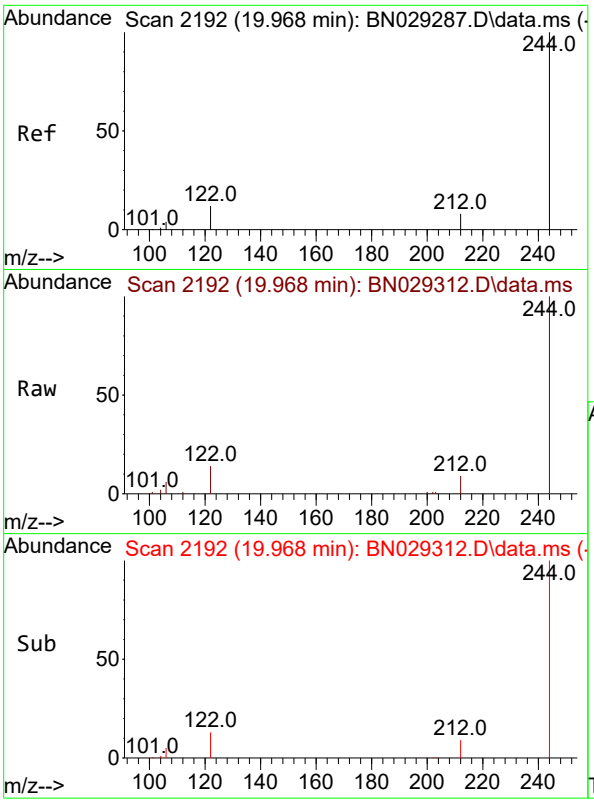


#30
Pyrene
Concen: 0.311 ng
RT: 19.754 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:202 Resp: 13779

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.6	14.2	21.2



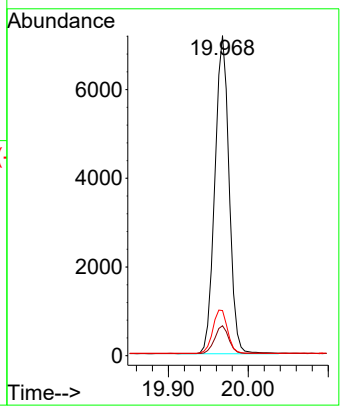


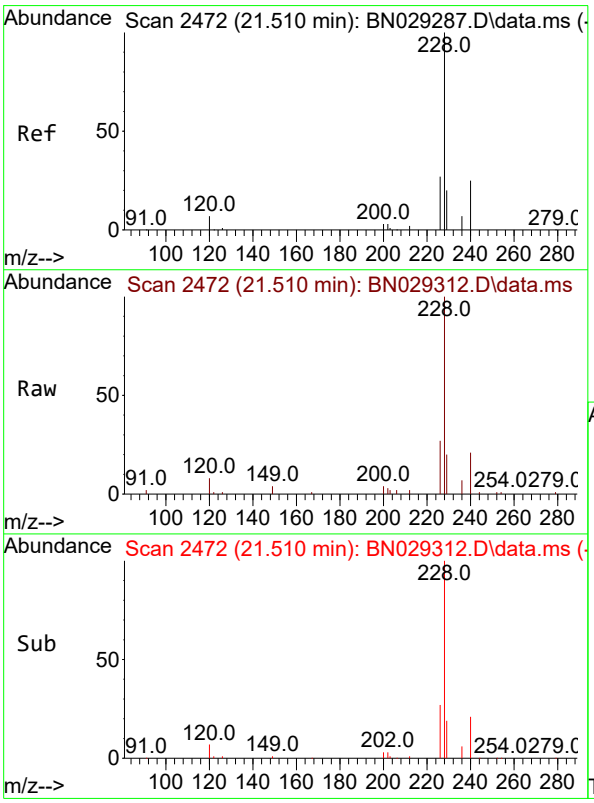
#31
Terphenyl-d14
Concen: 0.337 ng
RT: 19.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:244 Resp: 8860

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.4
122	14.1	10.2	15.4

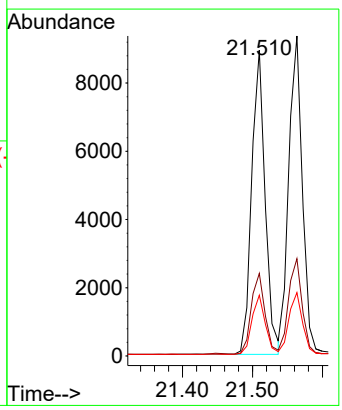


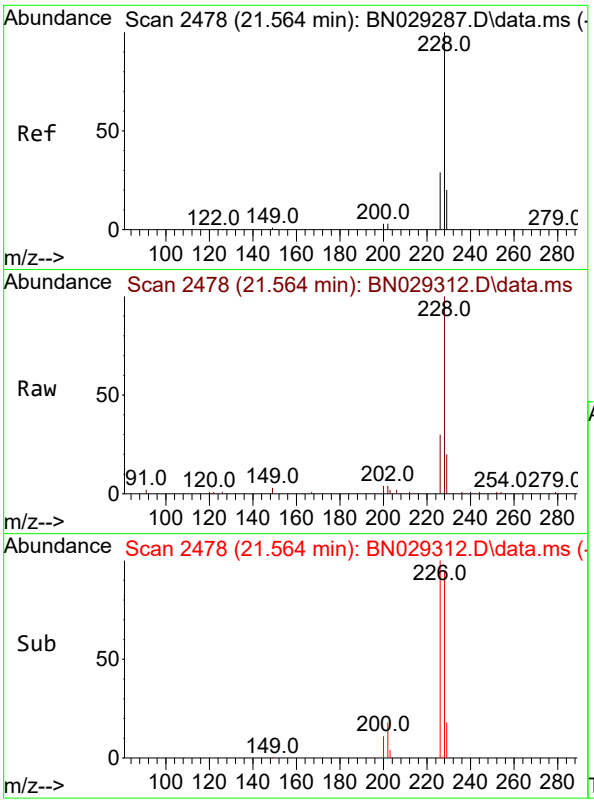


#32
Benzo(a)anthracene
Concen: 0.295 ng
RT: 21.510 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:228 Resp: 11938

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.9	16.1	24.1



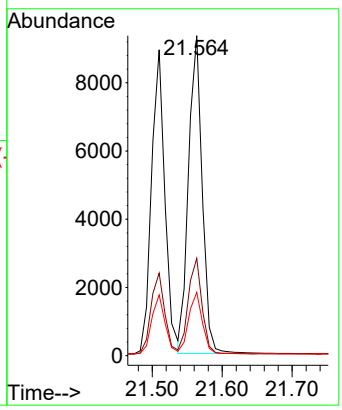


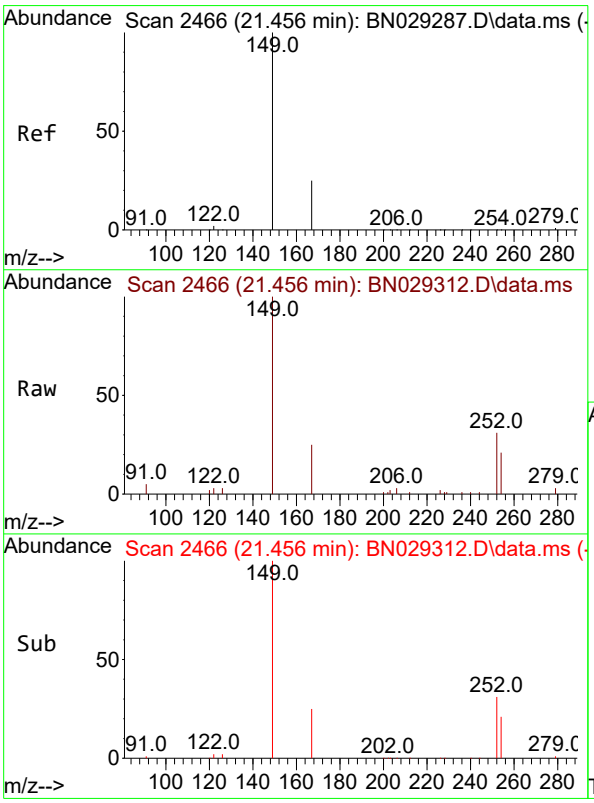
#33
Chrysene
Concen: 0.293 ng
RT: 21.564 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:228 Resp: 12676

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	19.8	15.8	23.8

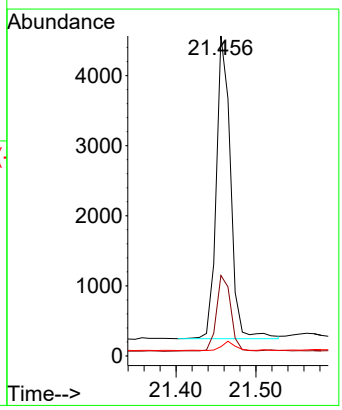


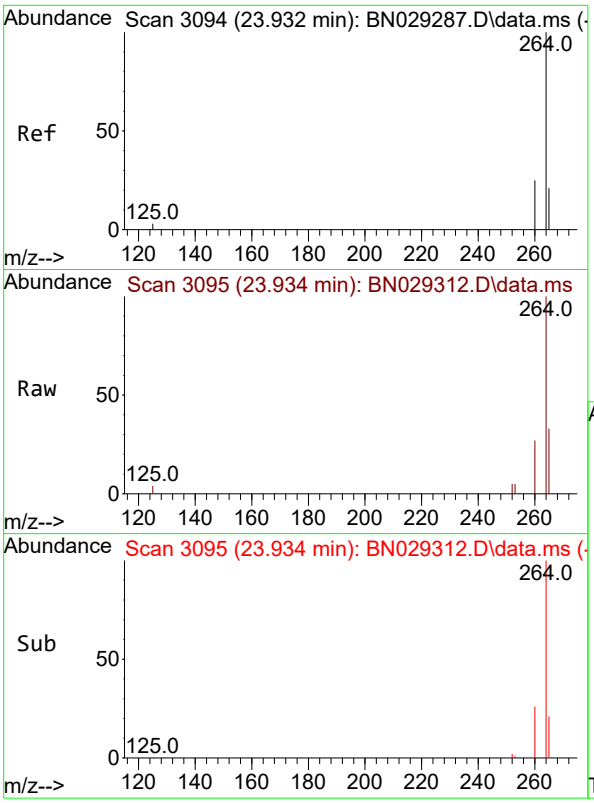


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.456 min Scan# 2466
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:149 Resp: 5340

Ion	Ratio	Lower	Upper
149	100		
167	25.4	20.3	30.5
279	2.8	2.6	4.0



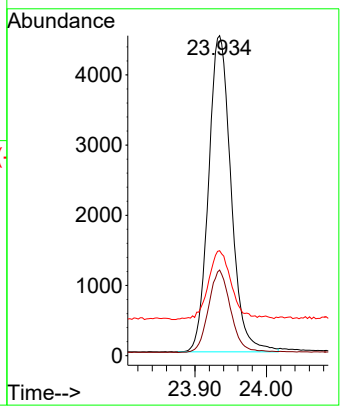


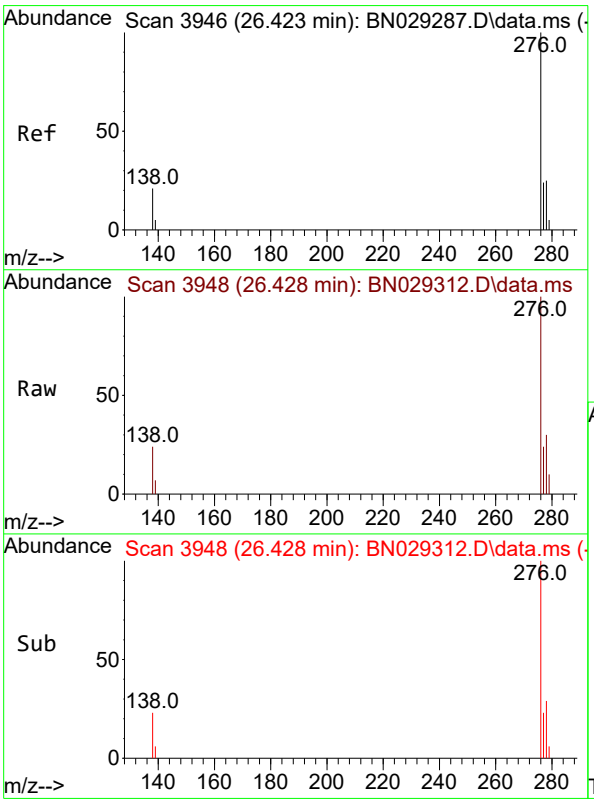
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.934 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:264 Resp: 9842

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.7	31.1
265	32.8	21.4	32.0#

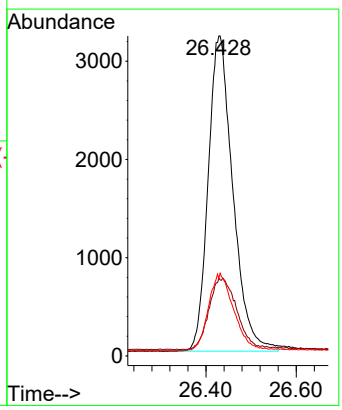


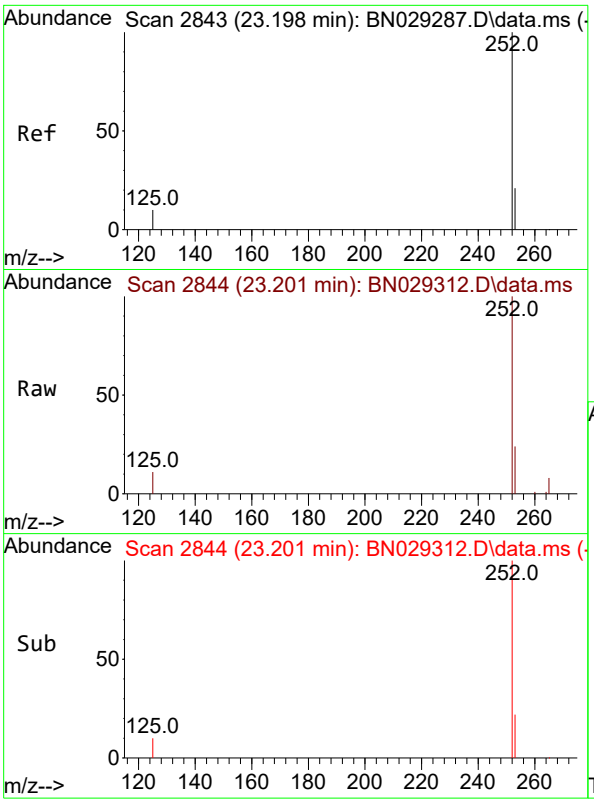


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng
RT: 26.428 min Scan# 3948
Delta R.T. 0.006 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:276 Resp: 12200

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.4	29.0
277	24.9	20.1	30.1



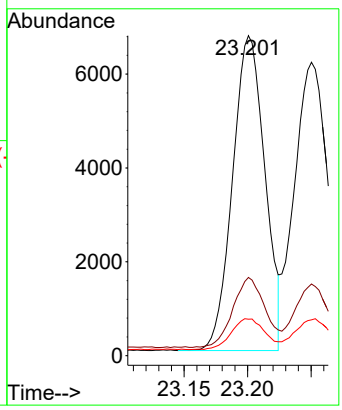


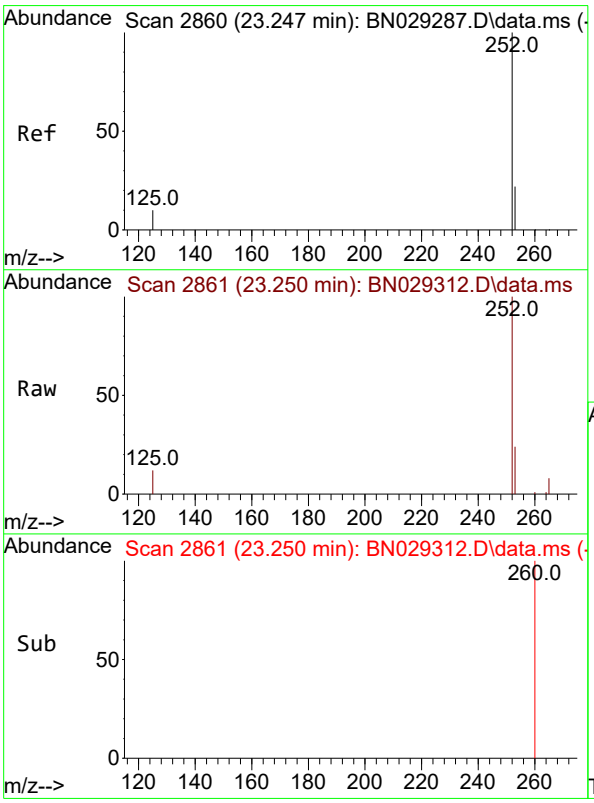
#37
Benzo(b)fluoranthene
Concen: 0.286 ng
RT: 23.201 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:252 Resp: 11867

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	11.4	8.3	12.5

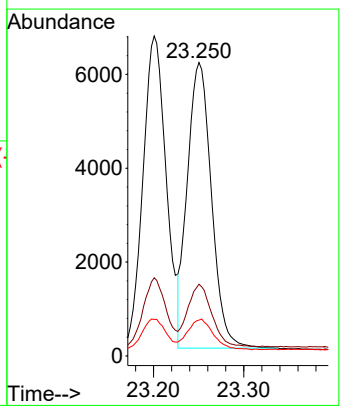


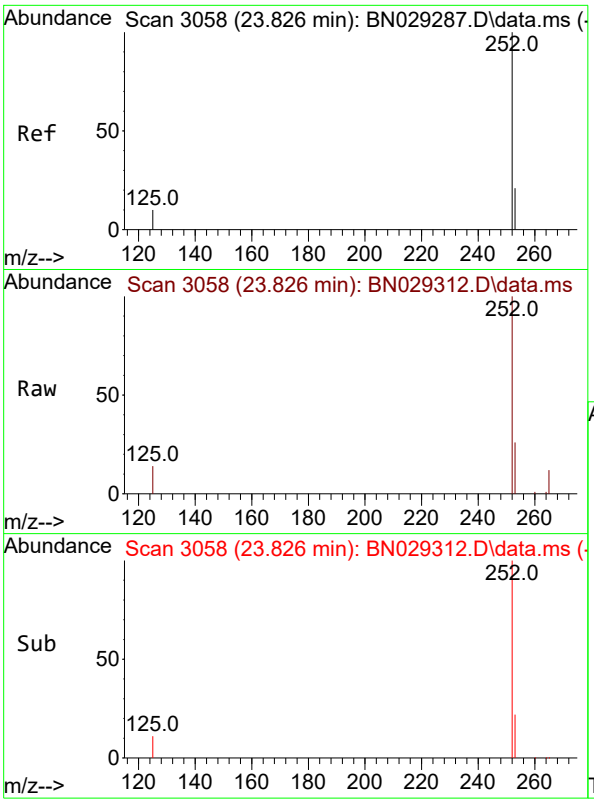


#38
Benzo(k)fluoranthene
Concen: 0.281 ng
RT: 23.250 min Scan# 2861
Delta R.T. 0.003 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:252 Resp: 11311

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.2	8.6	13.0



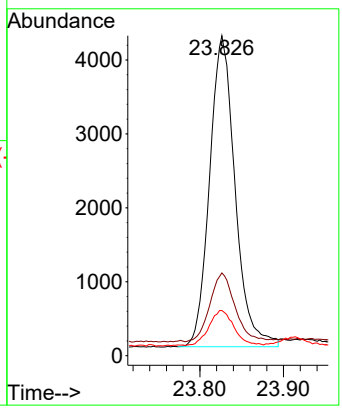


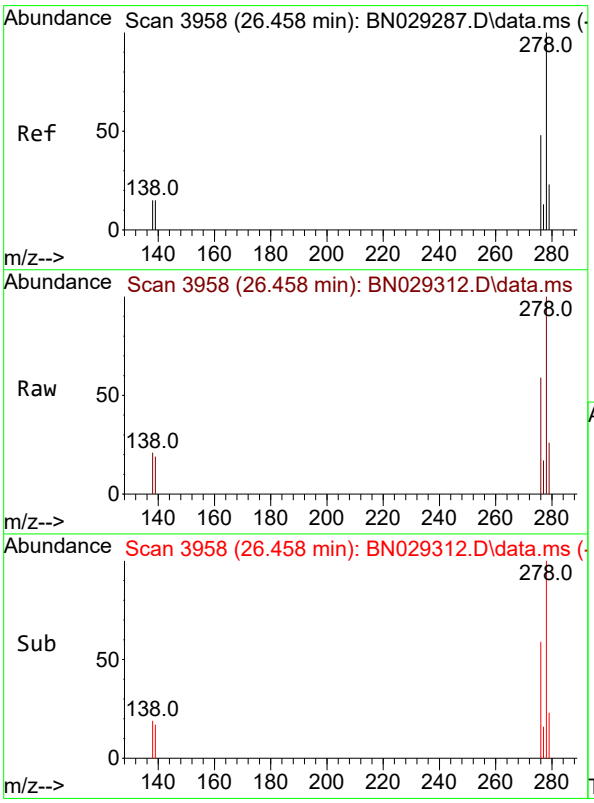
#39
Benzo(a)pyrene
Concen: 0.267 ng
RT: 23.826 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:252 Resp: 8917

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.7	28.1
125	14.1	9.4	14.2

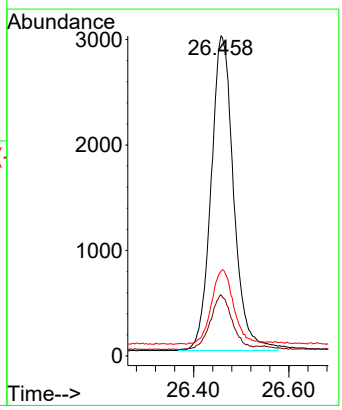


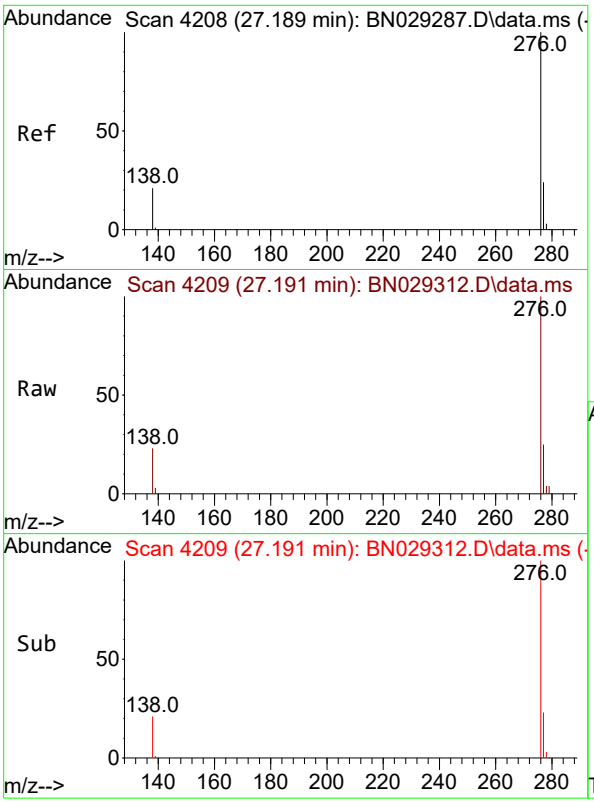


#40
Dibenzo(a,h)anthracene
Concen: 0.276 ng
RT: 26.458 min Scan# 3958
Delta R.T. -0.000 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Tgt Ion:278 Resp: 9806

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.0	19.6
279	26.5	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 0.279 ng
RT: 27.191 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN029312.D
Acq: 19 Jan 2024 19:31

Instrument :
BNA_N
ClientSampleId :
PB158469BSD

Tgt Ion:276 Resp: 10447

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.2
138	23.4	17.2	25.8