Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
Data File : BN028468.D
Acq On : 04 Nov 2023 11:10
Operator : MA/JU
Sample : PB156879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Quant Time: Nov 06 04:44:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	10399	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	31853	0.400	ng	# 0.00
13) Acenaphthene-d10	14.363	164	17116	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	39782	0.400	ng	#-0.01
29) Chrysene-d12	21.328	240	27247	0.400	ng	0.00
35) Perylene-d12	23.646	264	12340	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	12188	0.449	ng	0.00
5) Phenol-d6	6.887	99	14687	0.427	ng	0.00
8) Nitrobenzene-d5	8.865	82	8384	0.407	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	19213	0.422	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	3379	0.506	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	2905	0.143	ng	0.00
27) Fluoranthene-d10	19.157	212	37758	0.384	ng	0.00
31) Terphenyl-d14	19.765	244	27770	0.484	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	3829	0.333	ng	# 78
3) n-Nitrosodimethylamine	3.514	42	4748	0.370	ng	# 91
6) bis(2-Chloroethyl)ether	7.147	93	12374	0.415	ng	97
9) Naphthalene	10.552	128	35831	0.417	ng	99
10) Hexachlorobutadiene	10.851	225	6368	0.445	ng	# 99
12) 2-Methylnaphthalene	12.178	142	23796	0.397	ng	100
16) Acenaphthylene	14.085	152	30742	0.364	ng	100
17) Acenaphthene	14.428	154	21631	0.404	ng	99
18) Fluorene	15.411	166	31446	0.431	ng	100
20) 4,6-Dinitro-2-methylph...	15.497	198	1310	0.443	ng	# 85
21) 4-Bromophenyl-phenylether	16.314	248	9610	0.436	ng	# 82
22) Hexachlorobenzene	16.426	284	10581	0.454	ng	97
24) Pentachlorophenol	16.761	266	9392	1.120	ng	99
25) Phenanthrene	17.158	178	46558	0.396	ng	100
26) Anthracene	17.245	178	42028	0.375	ng	100
28) Fluoranthene	19.189	202	50232	0.366	ng	99
30) Pyrene	19.552	202	40447	0.356	ng	99
32) Benzo(a)anthracene	21.310	228	45948	0.425	ng	98
33) Chrysene	21.364	228	46188	0.429	ng	98
34) Bis(2-ethylhexyl)phtha...	21.266	149	36320	0.650	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.028	276	35761	0.782	ng	97
37) Benzo(b)fluoranthene	22.944	252	42969	0.961	ng	# 93
38) Benzo(k)fluoranthene	22.991	252	34725	0.719	ng	# 89
39) Benzo(a)pyrene	23.540	252	23155	0.551	ng	# 81
40) Dibenzo(a,h)anthracene	26.052	278	35972	0.912	ng	# 89
41) Benzo(g,h,i)perylene	26.754	276	28934	0.685	ng	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110423\
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Acq On : 04 Nov 2023 11:10
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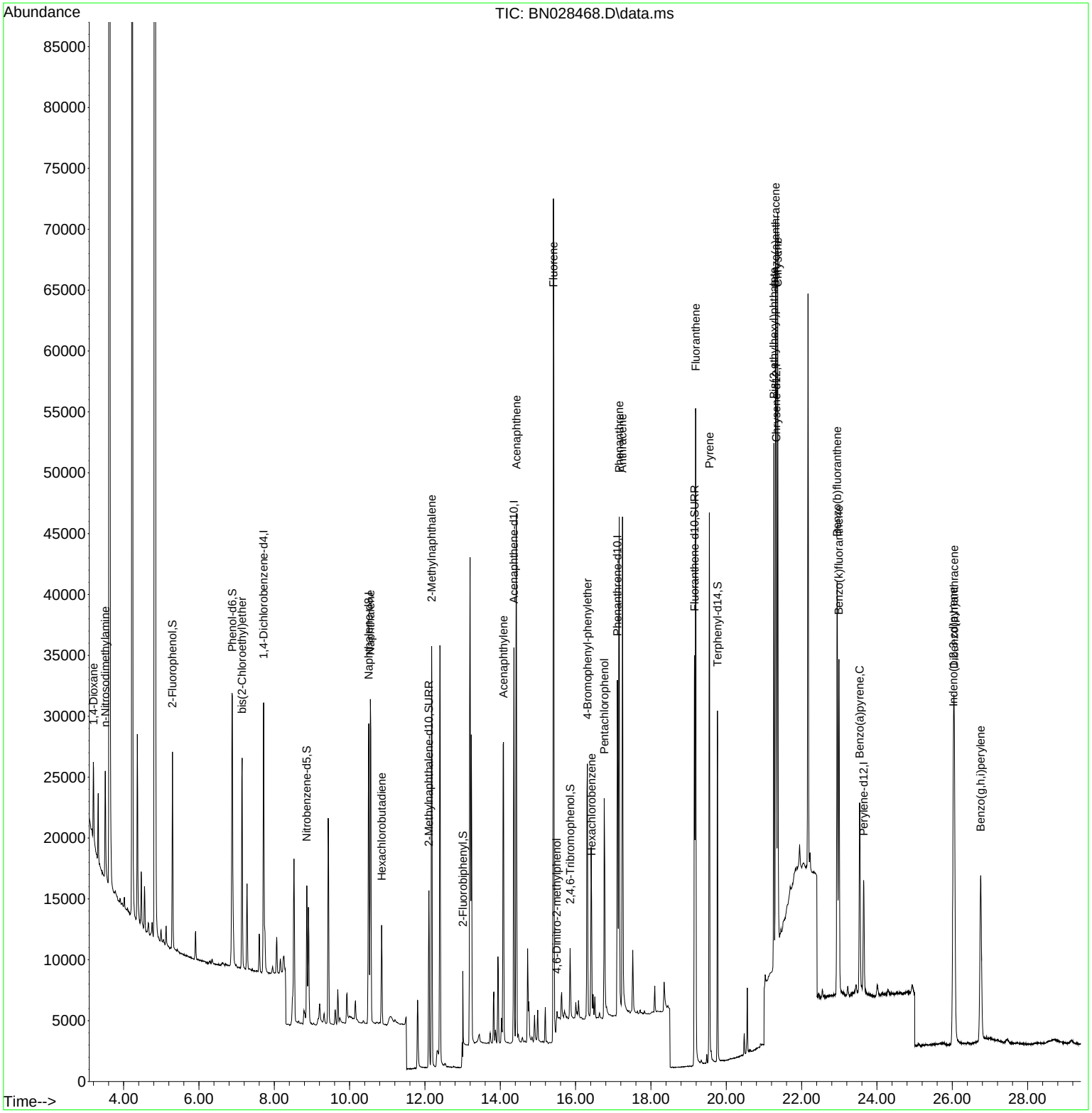
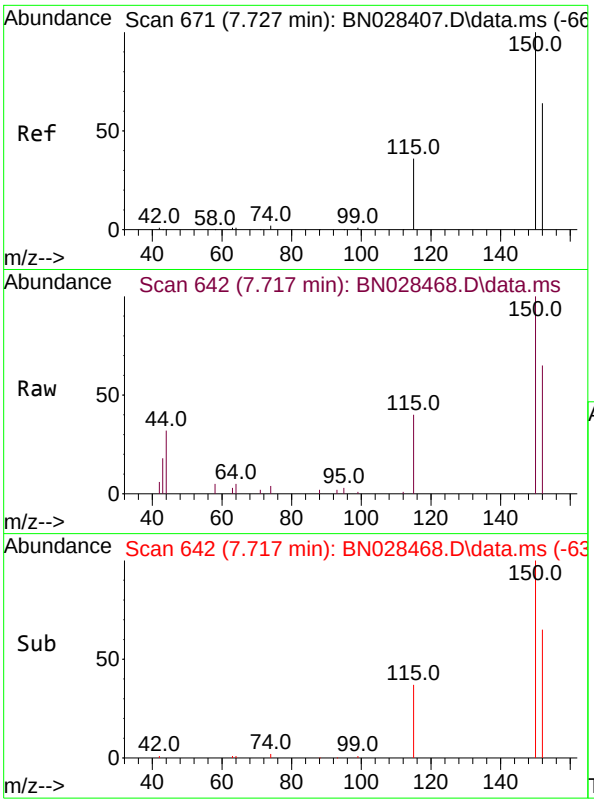
Quant Time: Nov 06 04:44:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration



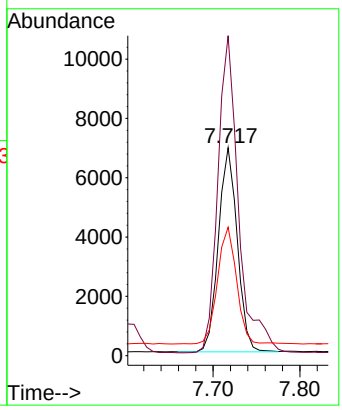


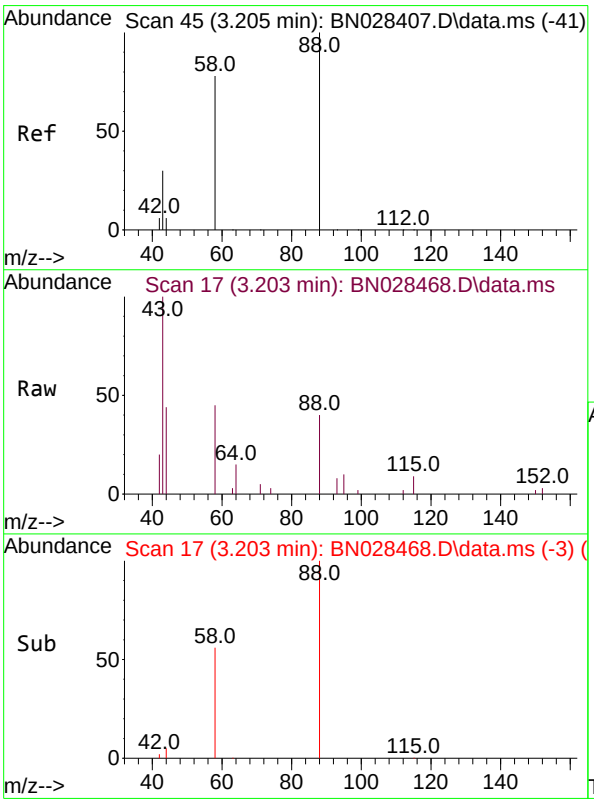
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.010 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:152 Resp: 10399

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.8	185.6
115	61.8	47.0	70.6

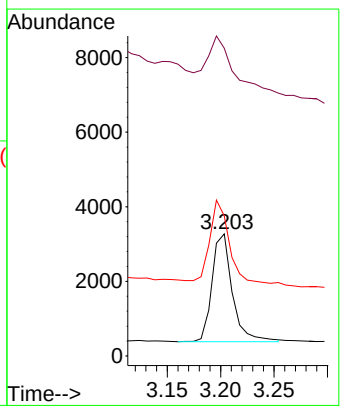


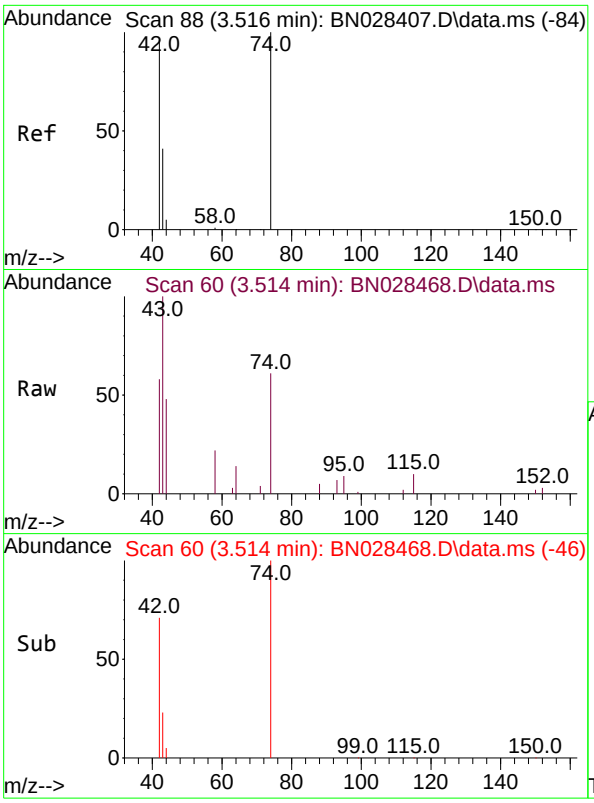


#2
1,4-Dioxane
Concen: 0.333 ng
RT: 3.203 min Scan# 17
Delta R.T. -0.002 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion: 88 Resp: 3829

Ion	Ratio	Lower	Upper
88	100		
43	68.2	24.3	36.5#
58	72.1	59.8	89.6



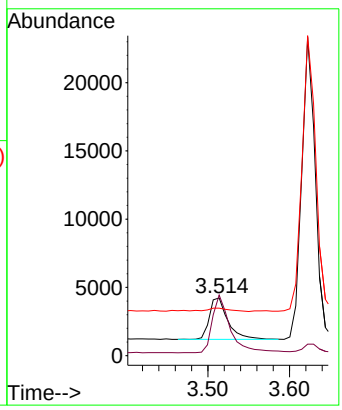


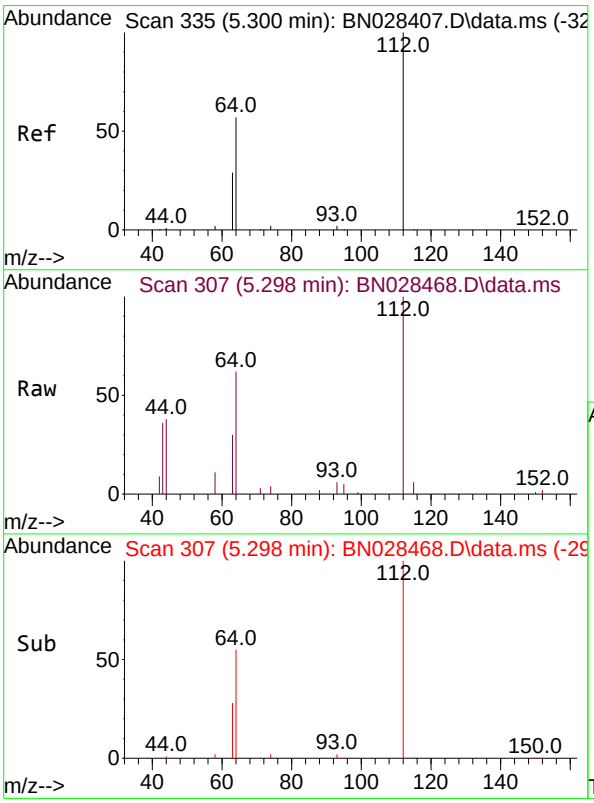
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.514 min Scan# 6
Delta R.T. -0.002 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion: 42 Resp: 4748

Ion	Ratio	Lower	Upper
42	100		
74	135.2	100.3	150.5
44	10.5	6.2	9.2#

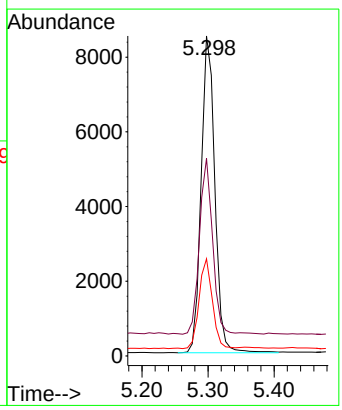


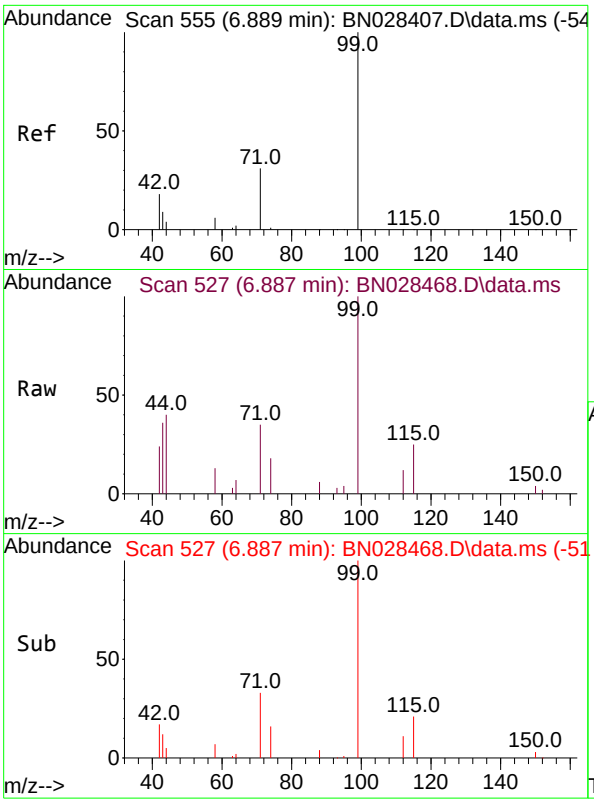


#4
2-Fluorophenol
Concen: 0.449 ng
RT: 5.298 min Scan# 307
Delta R.T. -0.002 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:112 Resp: 12188

Ion	Ratio	Lower	Upper
112	100		
64	53.6	44.3	66.5
63	27.6	22.6	33.8



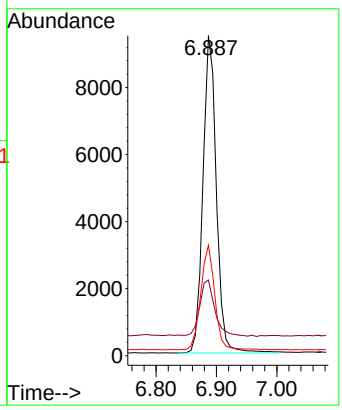


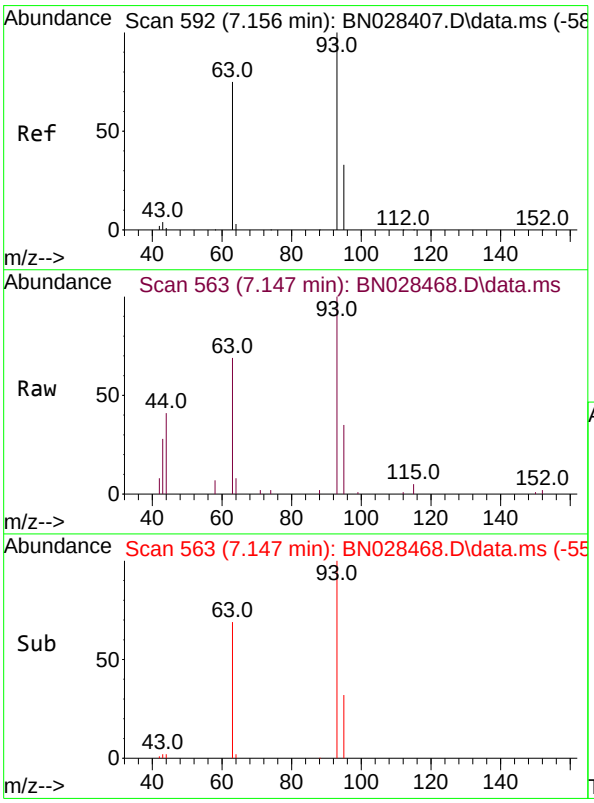
#5
Phenol-d6
Concen: 0.427 ng
RT: 6.887 min Scan# 5
Delta R.T. -0.002 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion: 99 Resp: 14687

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.4	23.0
71	34.5	24.4	36.6

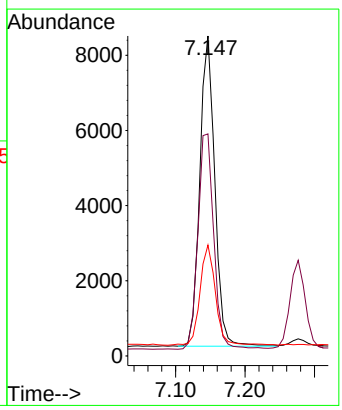


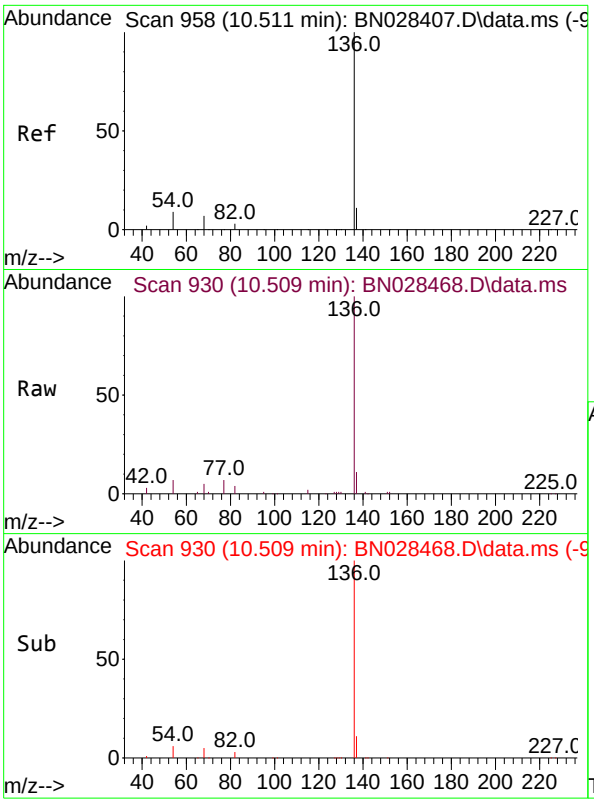


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.147 min Scan# 563
Delta R.T. -0.009 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion: 93 Resp: 12374

Ion	Ratio	Lower	Upper
93	100		
63	73.8	61.4	92.0
95	32.9	26.1	39.1



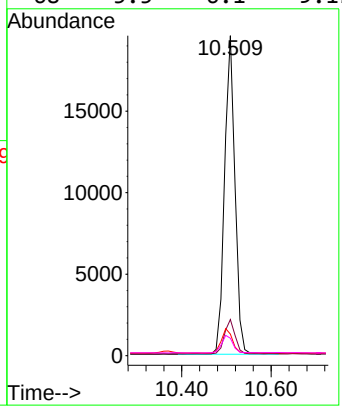


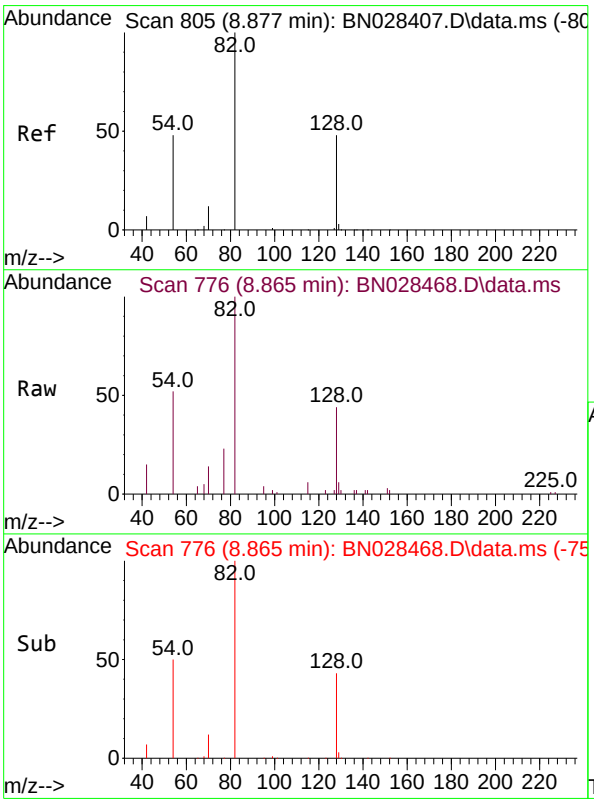
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 9
Delta R.T. -0.002 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:136 Resp: 31853

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.8	7.9	11.9#
68	5.5	6.1	9.1#

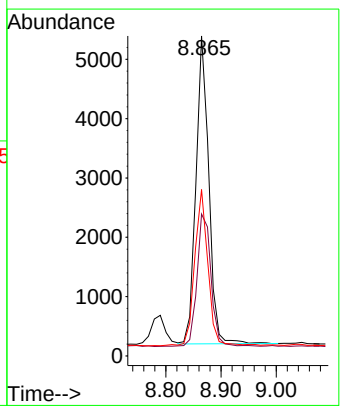


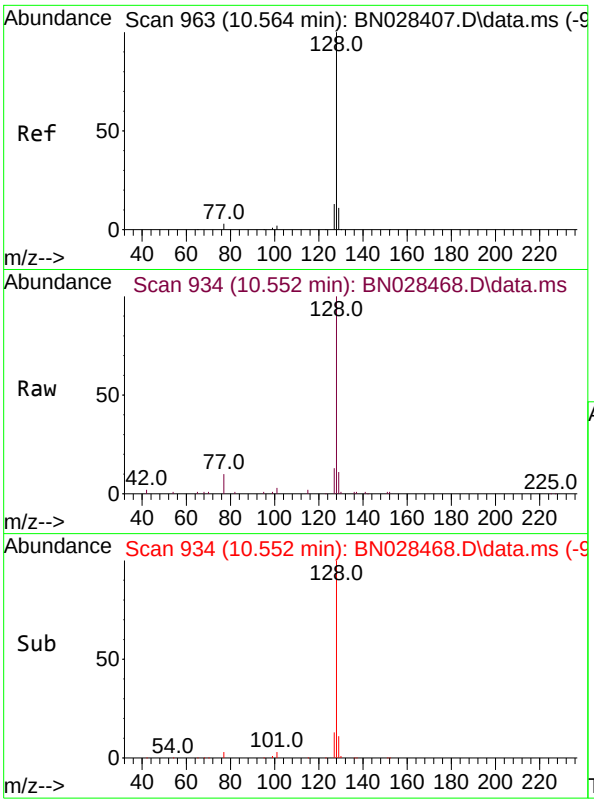


#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.013 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion: 82 Resp: 8384

Ion	Ratio	Lower	Upper
82	100		
128	44.3	38.8	58.2
54	52.0	40.3	60.5



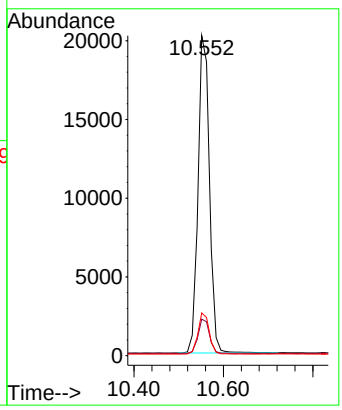


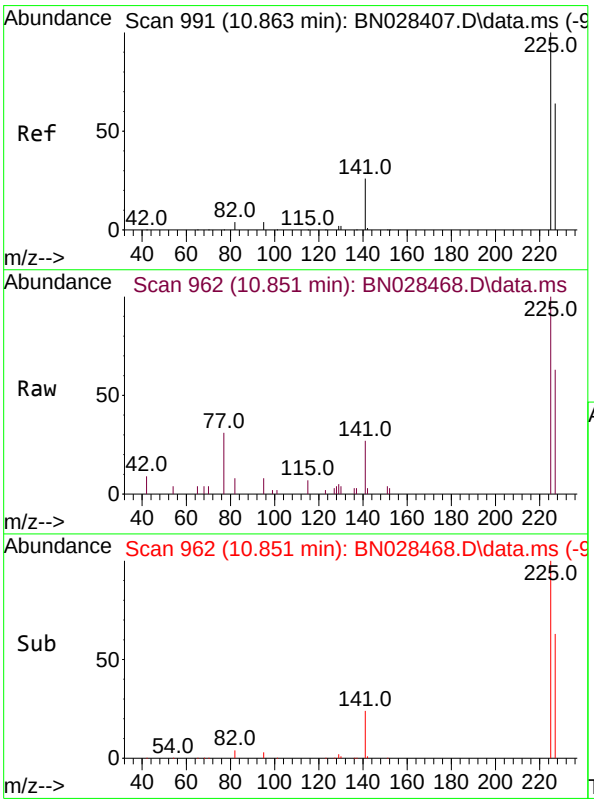
#9
Naphthalene
Concen: 0.417 ng
RT: 10.552 min Scan# 9
Delta R.T. -0.013 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:128 Resp: 35831

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.4	10.4	15.6

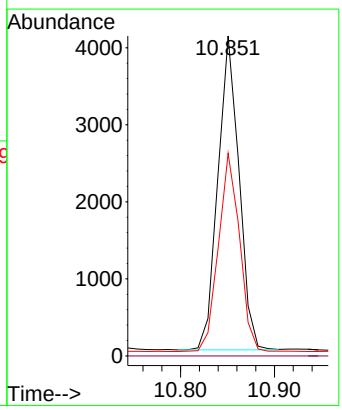


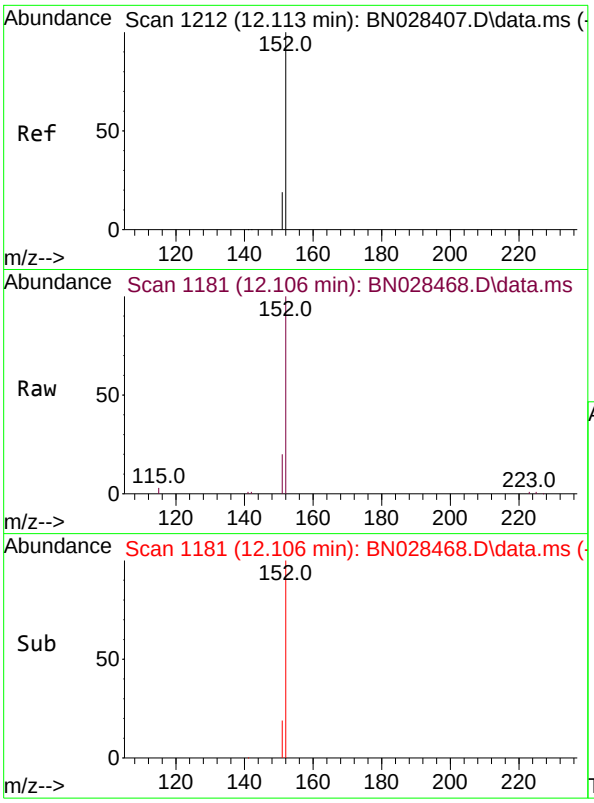


#10
Hexachlorobutadiene
Concen: 0.445 ng
RT: 10.851 min Scan# 962
Delta R.T. -0.013 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:225 Resp: 6368

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.4	77.0



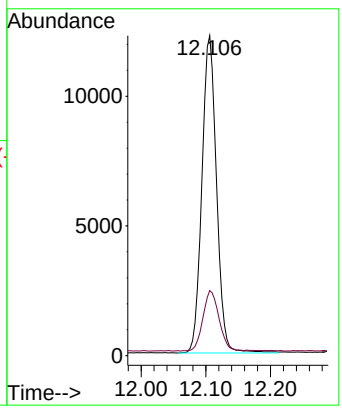


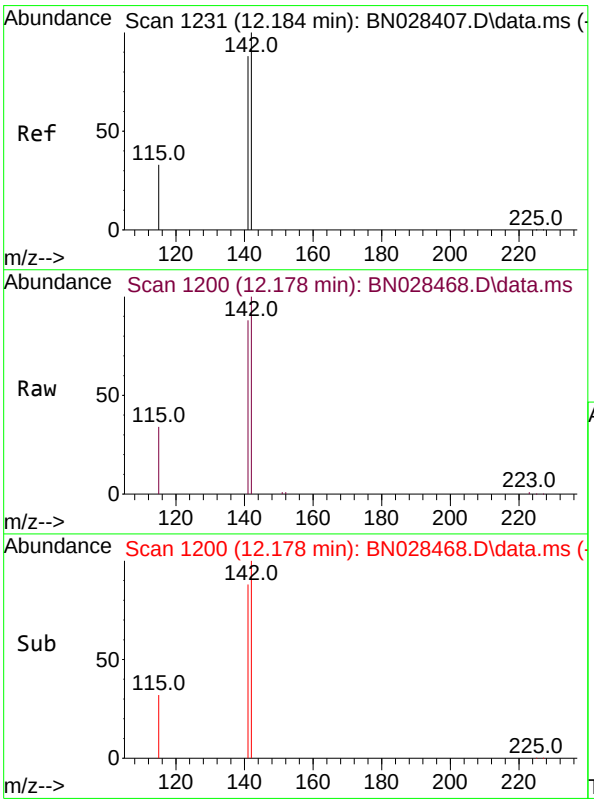
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.106 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:152 Resp: 19213

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6

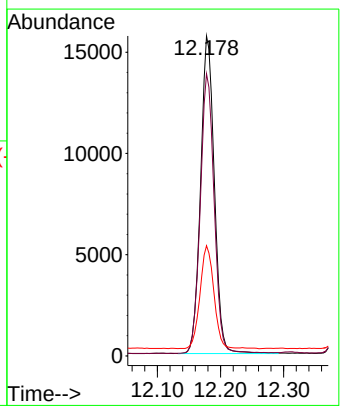


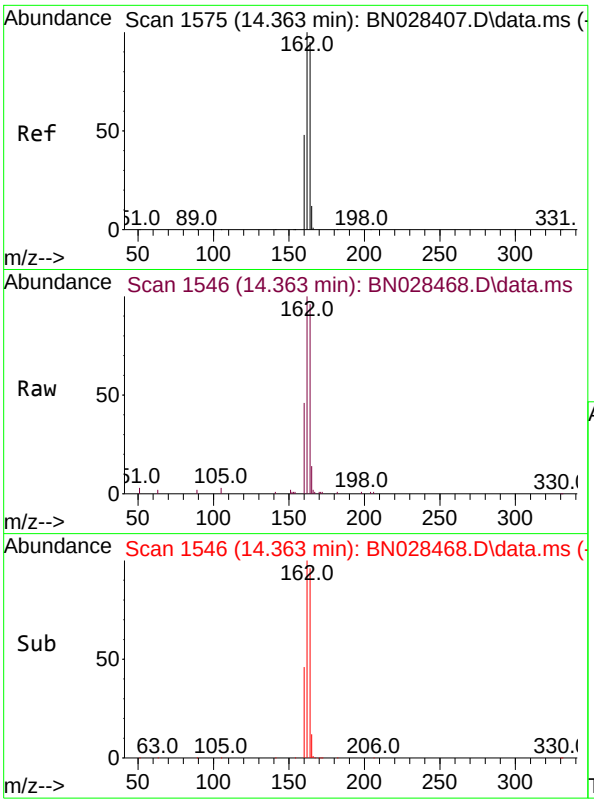


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.178 min Scan# 1200
Delta R.T. -0.007 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:142 Resp: 23796

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.7	106.1
115	34.5	27.6	41.4



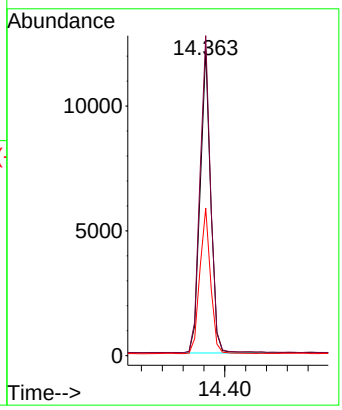


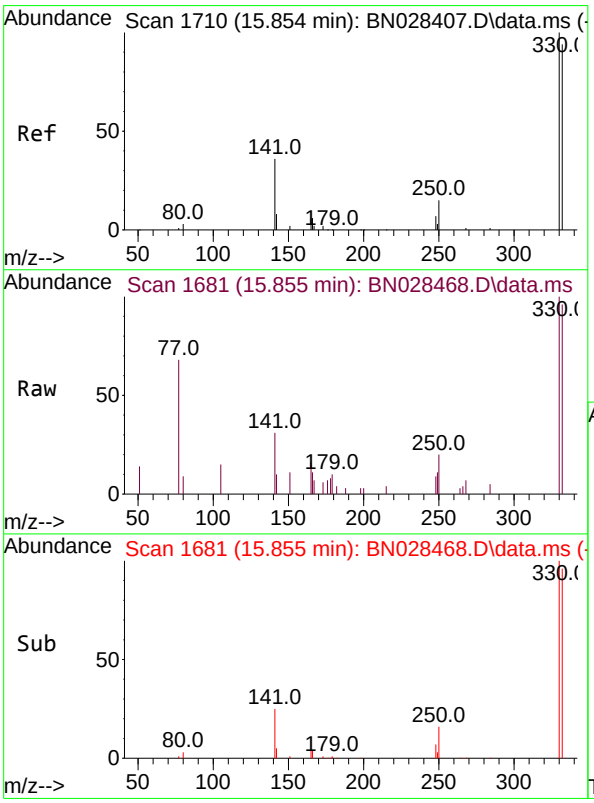
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.363 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:164 Resp: 17116

Ion	Ratio	Lower	Upper
164	100		
162	104.6	84.6	127.0
160	48.3	41.3	61.9

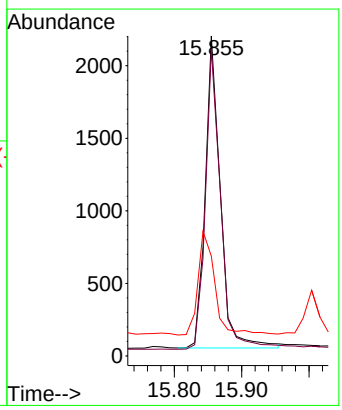


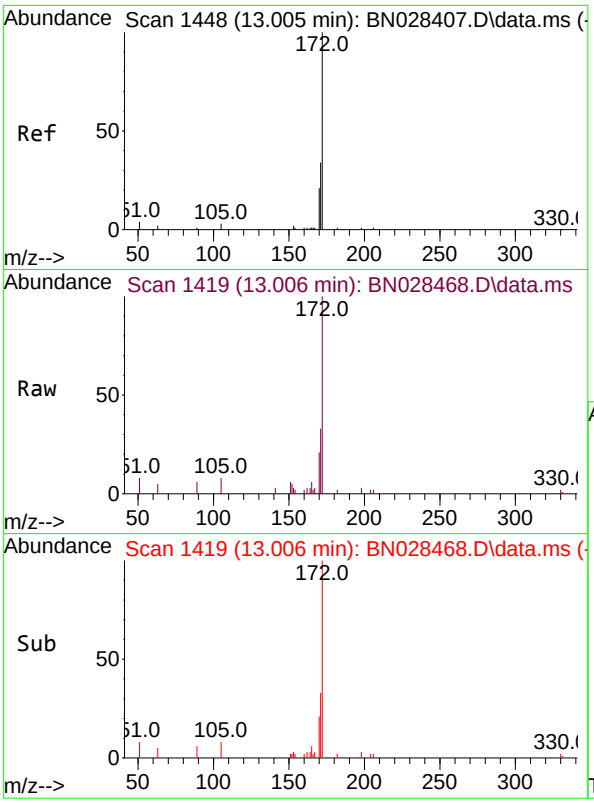


#14
2,4,6-Tribromophenol
Concen: 0.506 ng
RT: 15.855 min Scan# 1681
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:330 Resp: 3379

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.2
141	36.7	32.8	49.2



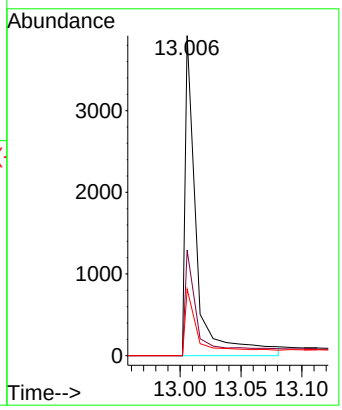


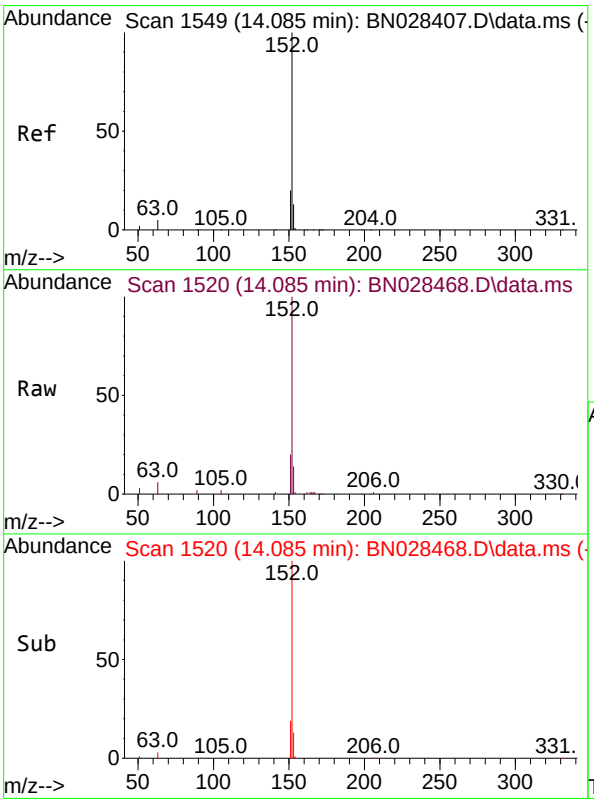
#15
2-Fluorobiphenyl
Concen: 0.143 ng
RT: 13.006 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:172 Resp: 2905

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.2	40.8
170	20.8	17.1	25.7

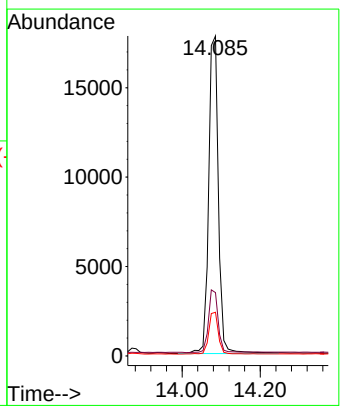


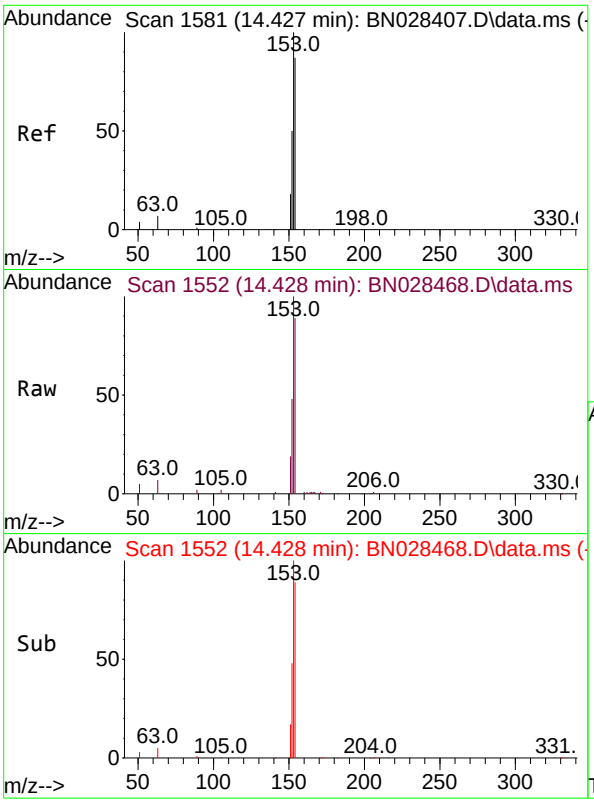


#16
Acenaphthylene
Concen: 0.364 ng
RT: 14.085 min Scan# 1520
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:152 Resp: 30742

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.5	15.7



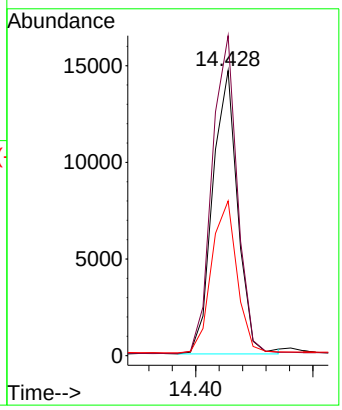


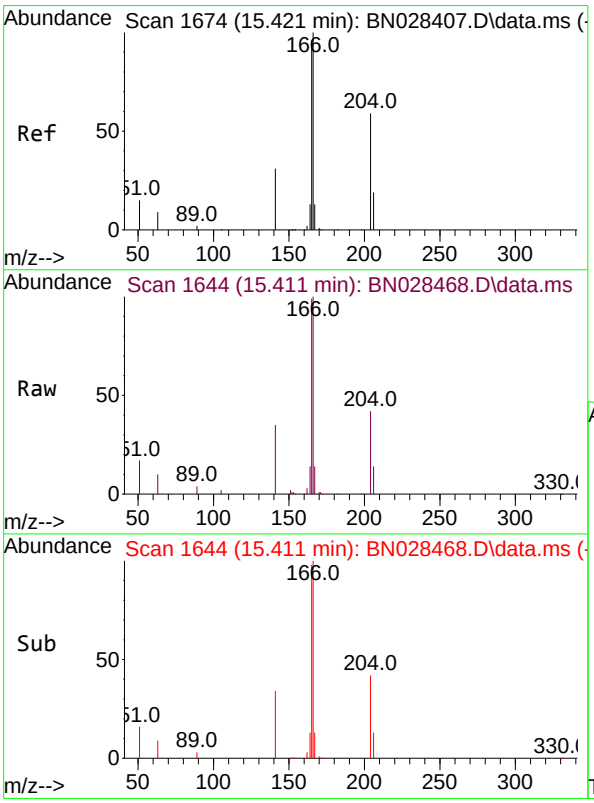
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.428 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:154 Resp: 21631

Ion	Ratio	Lower	Upper
154	100		
153	113.9	90.5	135.7
152	55.2	45.8	68.6

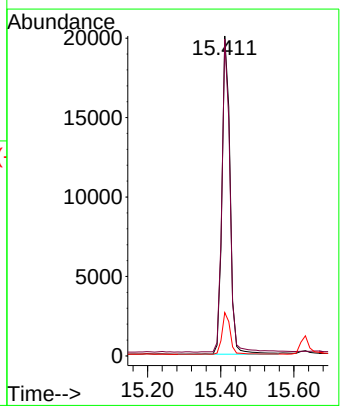


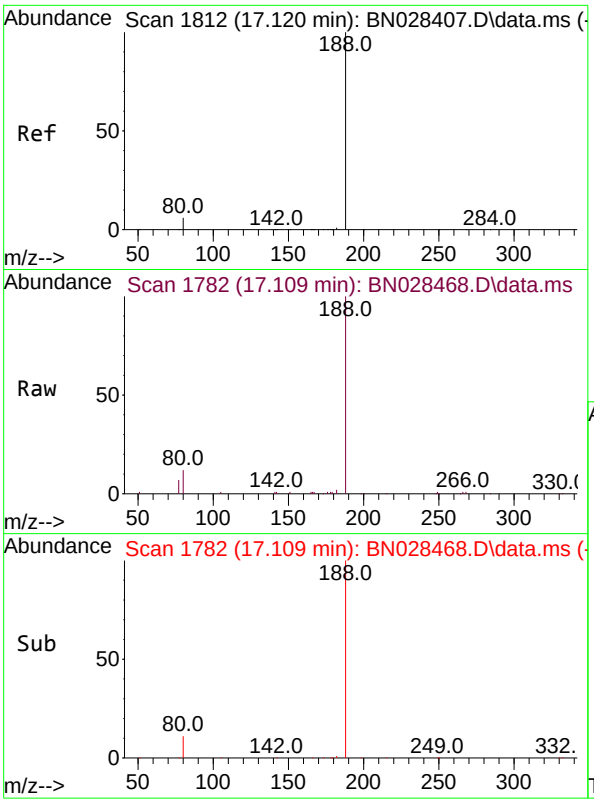


#18
Fluorene
Concen: 0.431 ng
RT: 15.411 min Scan# 1644
Delta R.T. -0.010 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:166 Resp: 31446

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.2	118.8
167	13.3	10.6	16.0



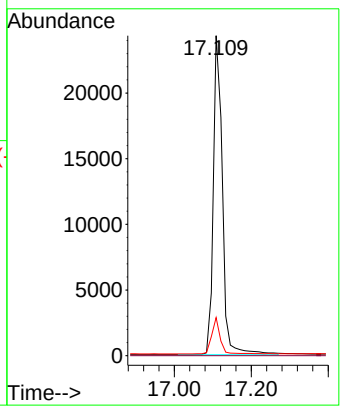


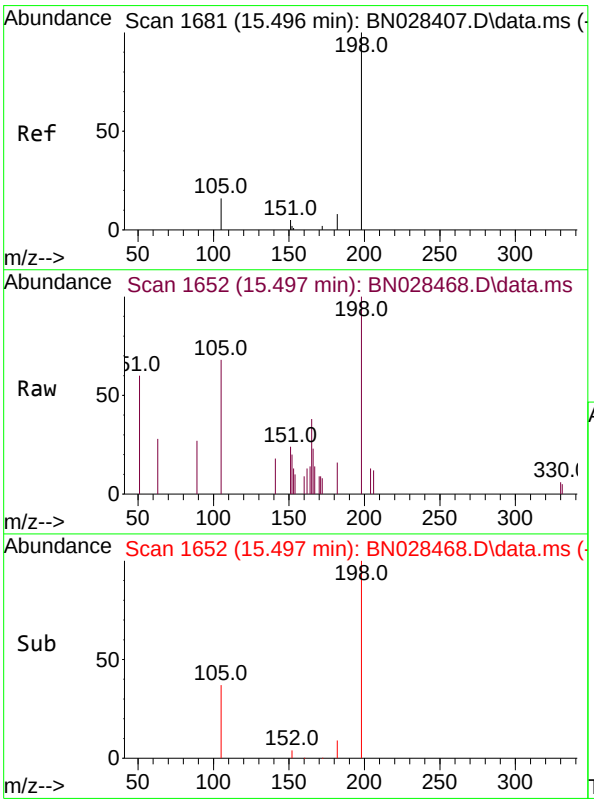
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:188 Resp: 39782

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	5.3	7.9#

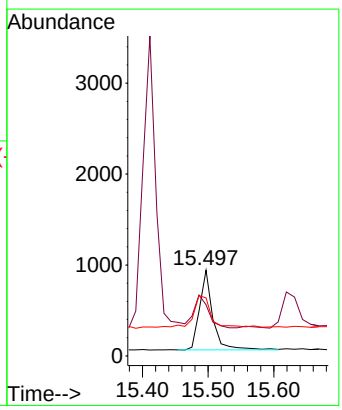


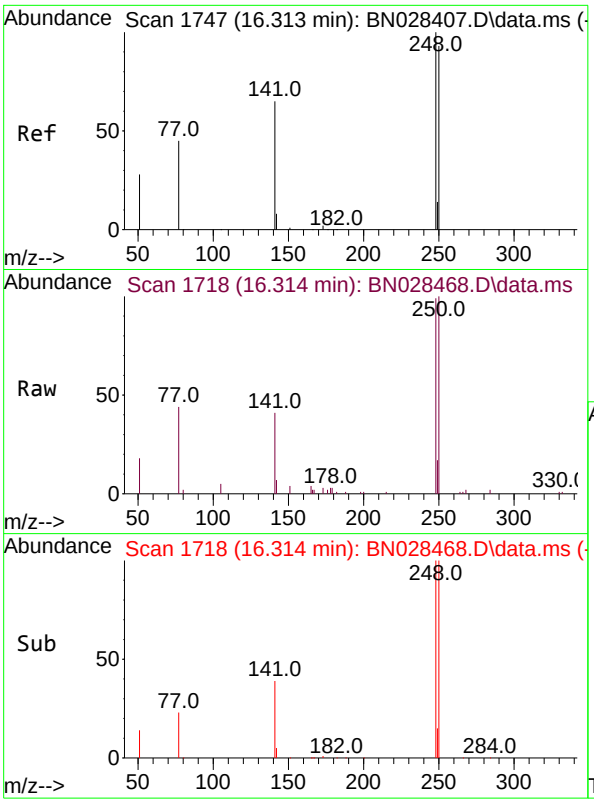


#20
4,6-Dinitro-2-methylphenol
Concen: 0.443 ng
RT: 15.497 min Scan# 1652
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:198 Resp: 1310

Ion	Ratio	Lower	Upper
198	100		
51	59.7	63.3	94.9#
105	67.7	50.0	75.0



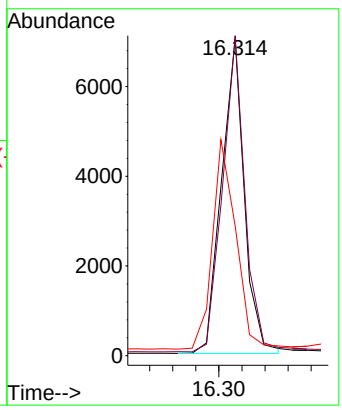


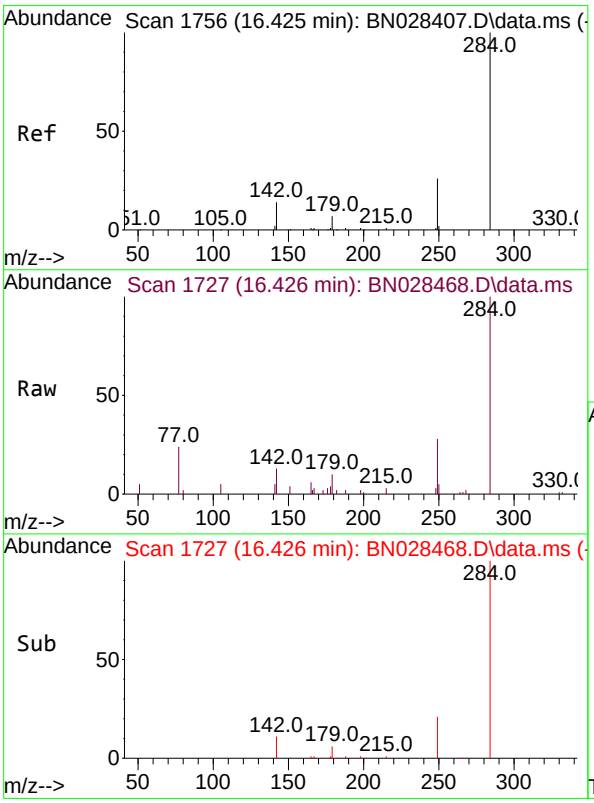
#21
4-Bromophenyl-phenylether
Concen: 0.436 ng
RT: 16.314 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:248 Resp: 9610

Ion	Ratio	Lower	Upper
248	100		
250	100.8	74.6	111.8
141	40.9	53.4	80.2#

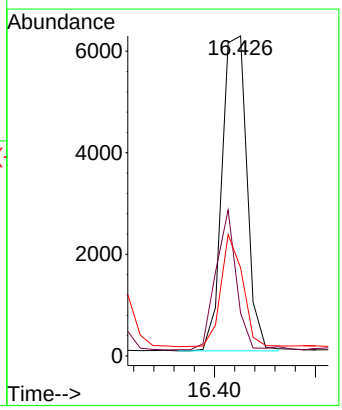


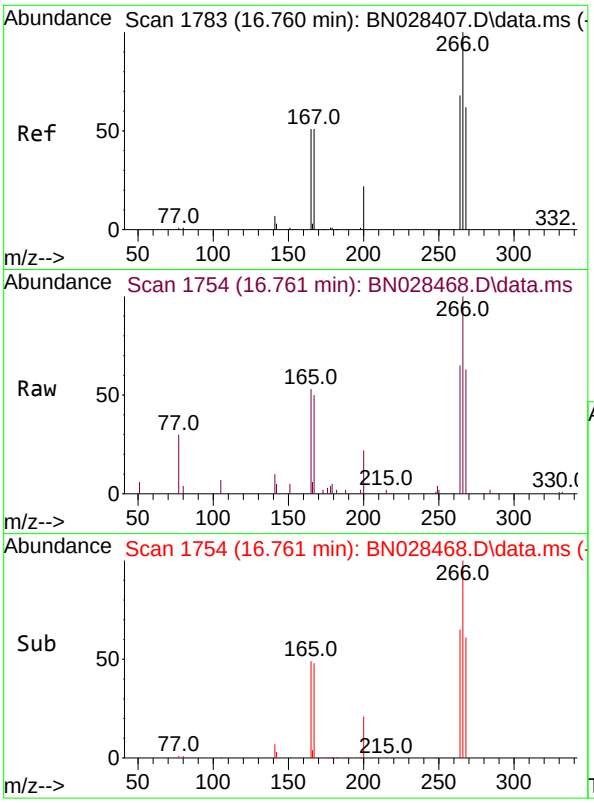


#22
Hexachlorobenzene
Concen: 0.454 ng
RT: 16.426 min Scan# 1727
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:284 Resp: 10581

Ion	Ratio	Lower	Upper
284	100		
142	36.5	31.8	47.6
249	31.1	25.0	37.6



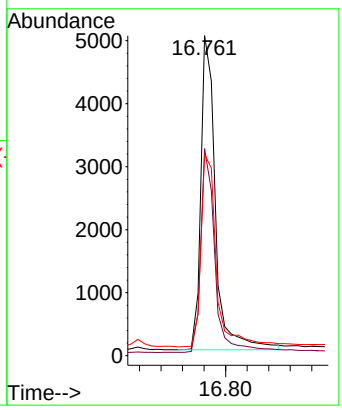


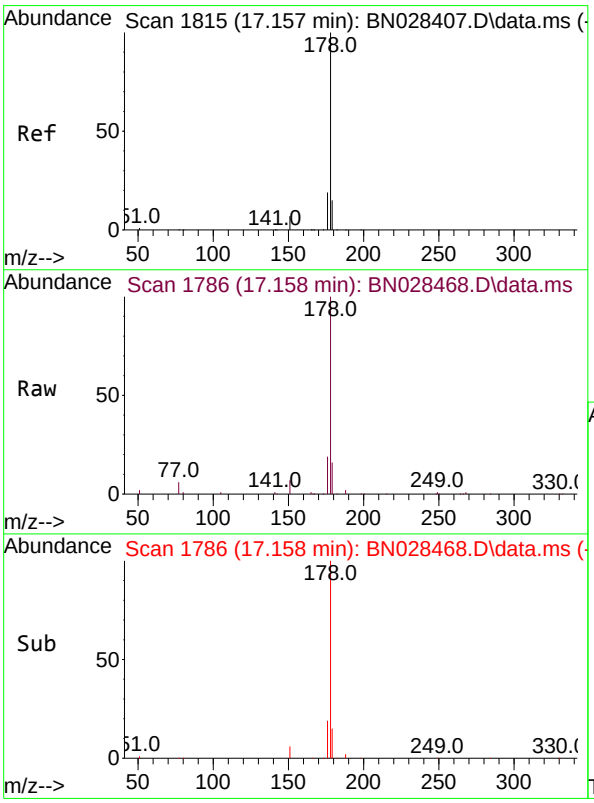
#24
Pentachlorophenol
Concen: 1.120 ng
RT: 16.761 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:266 Resp: 9392

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.9	76.3
268	65.2	51.0	76.4

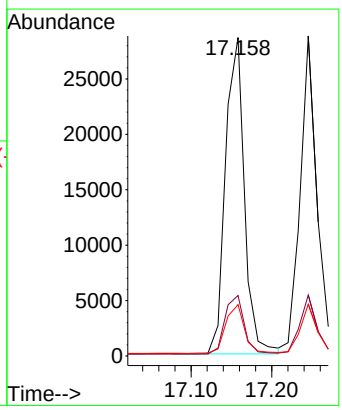


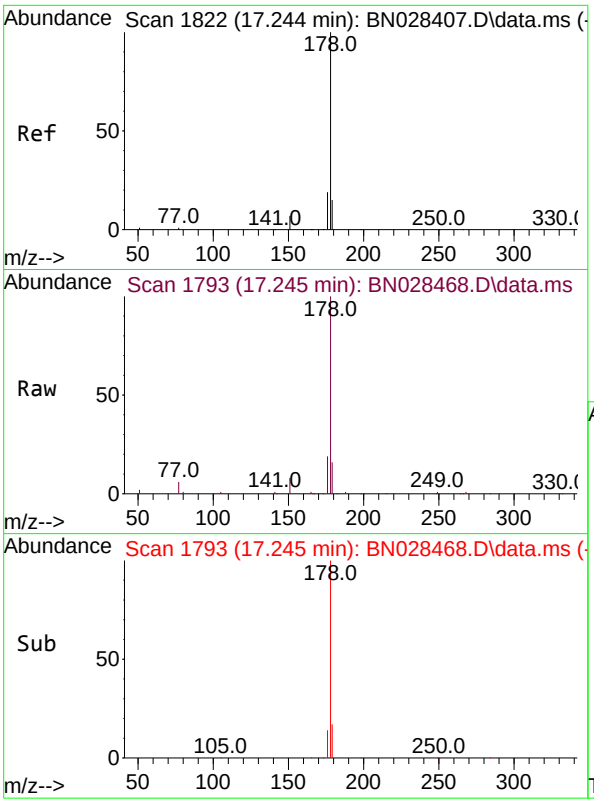


#25
Phenanthrene
Concen: 0.396 ng
RT: 17.158 min Scan# 1786
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:178 Resp: 46558

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.5	12.2	18.2



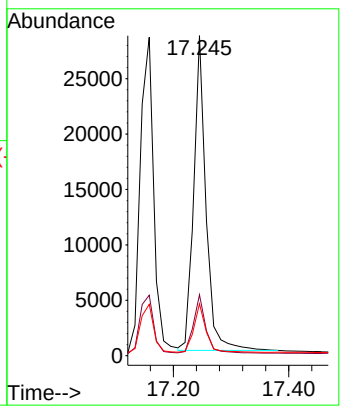


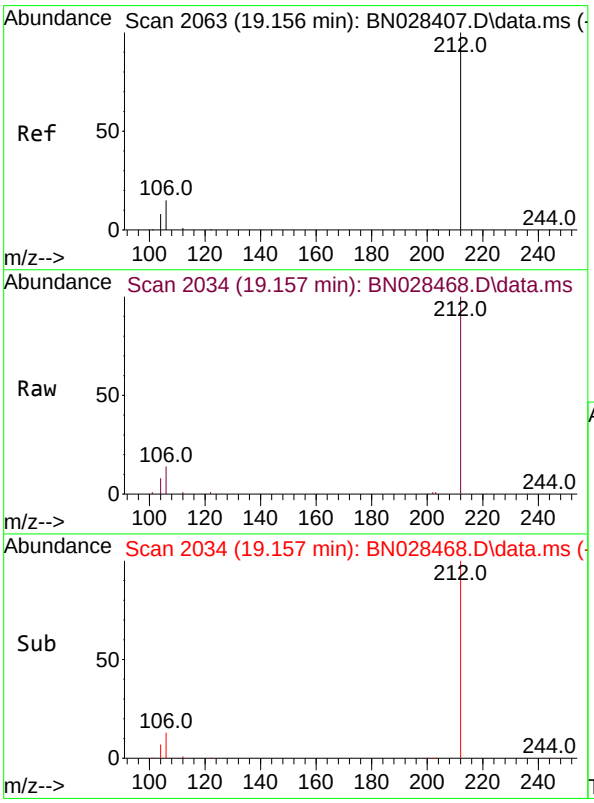
#26
Anthracene
Concen: 0.375 ng
RT: 17.245 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:178 Resp: 42028

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.2	12.2	18.4

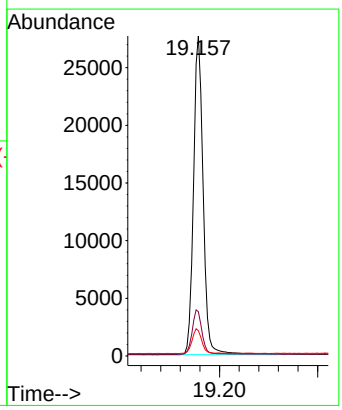


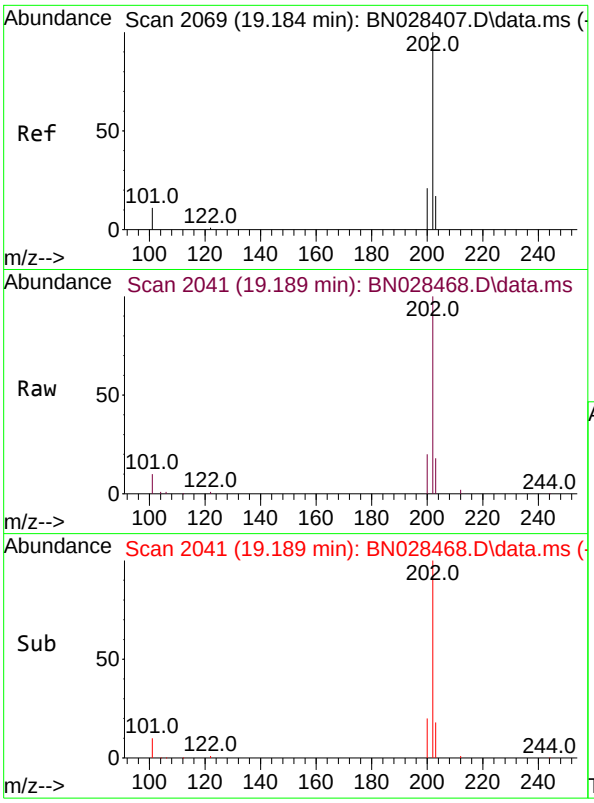


#27
Fluoranthene-d10
Concen: 0.384 ng
RT: 19.157 min Scan# 2034
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:212 Resp: 37758

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.9	17.9
104	7.8	6.7	10.1



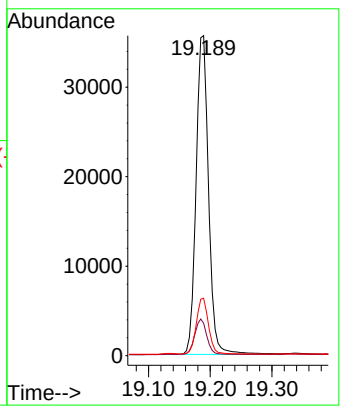


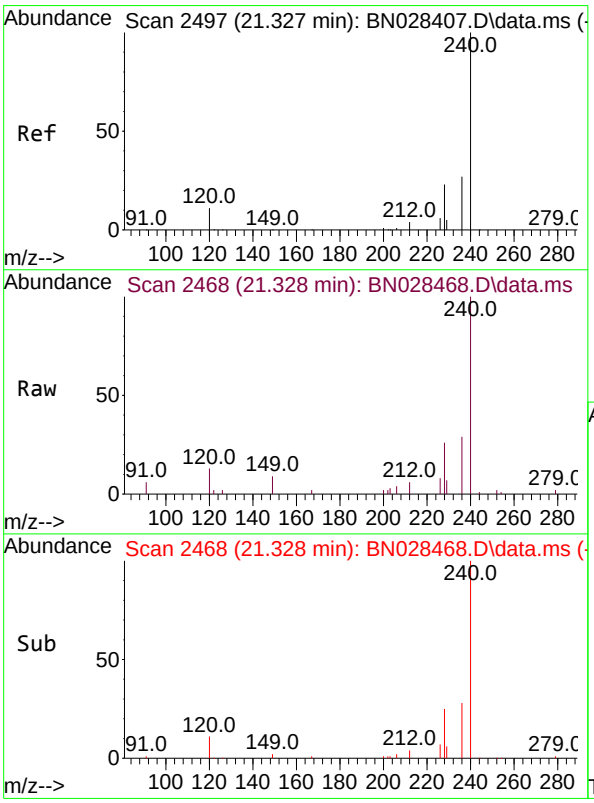
#28
Fluoranthene
Concen: 0.366 ng
RT: 19.189 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:202 Resp: 50232

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.3	13.9
203	17.0	13.7	20.5

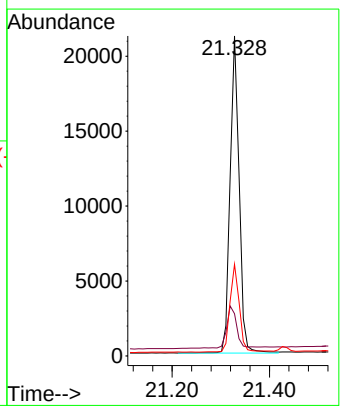


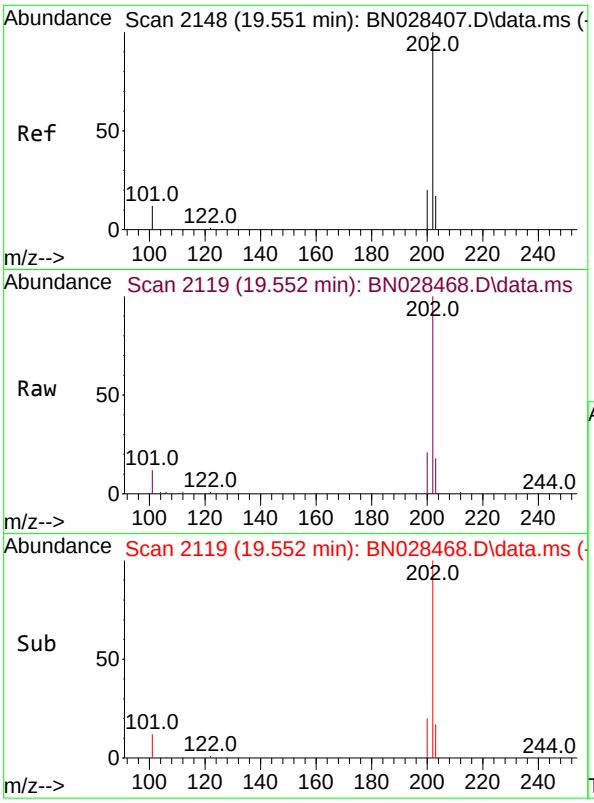


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.328 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:240 Resp: 27247

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.8	14.6
236	28.7	22.2	33.2



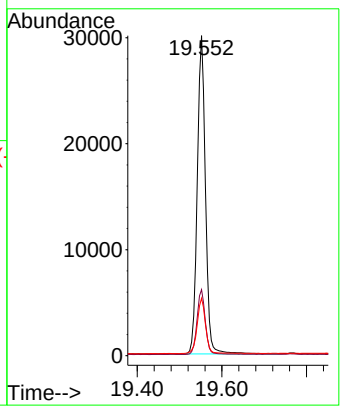


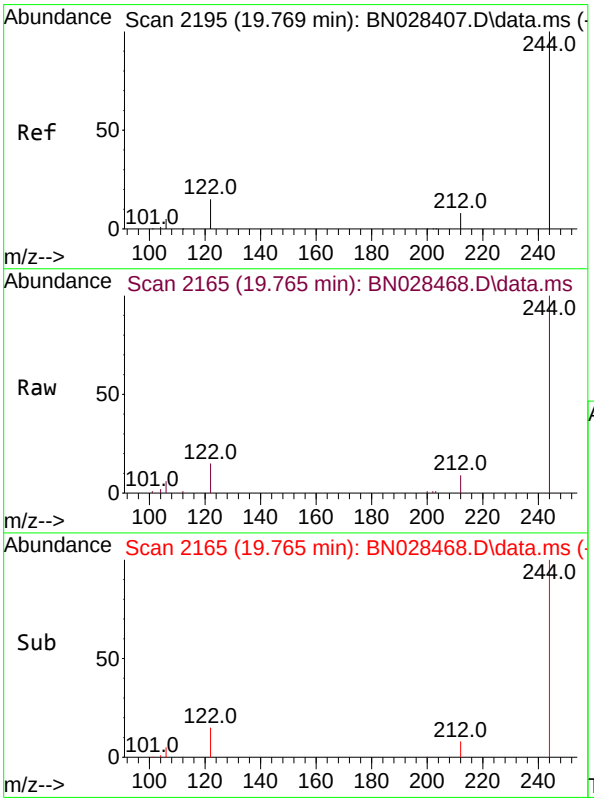
#30
Pyrene
Concen: 0.356 ng
RT: 19.552 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:202 Resp: 40447

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	25.0
203	17.7	14.2	21.2

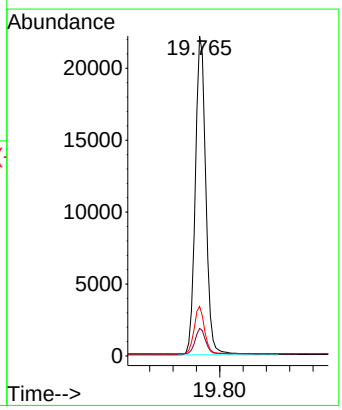


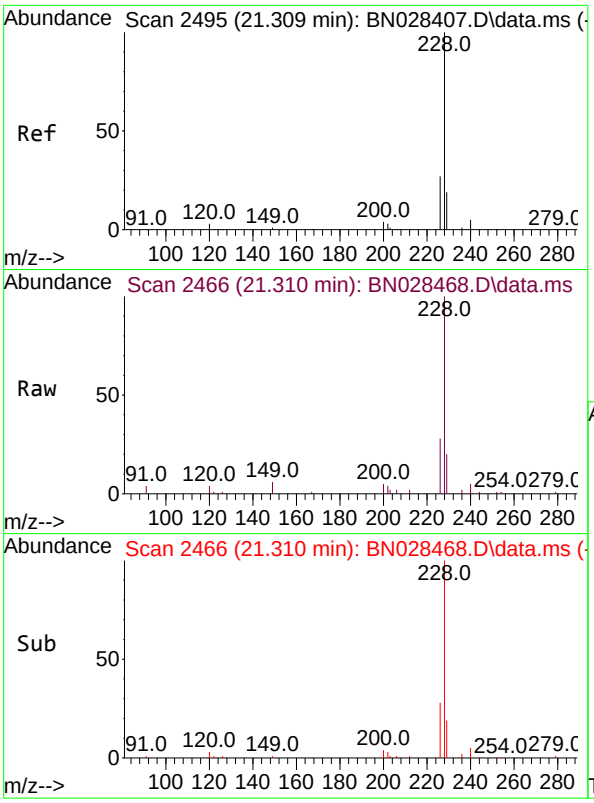


#31
Terphenyl-d14
Concen: 0.484 ng
RT: 19.765 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:244 Resp: 27770

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	15.5	12.6	19.0



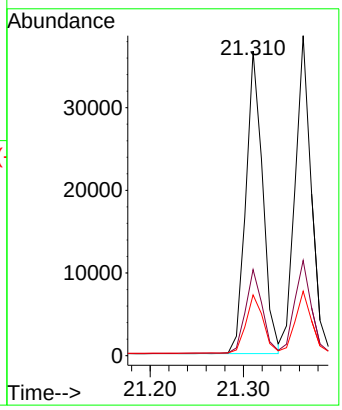


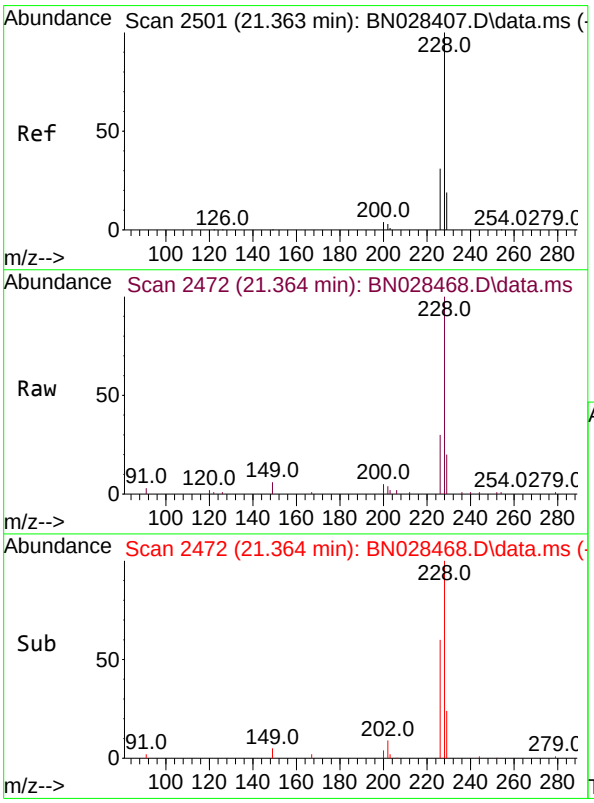
#32
Benzo(a)anthracene
Concen: 0.425 ng
RT: 21.310 min Scan# 24
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:228 Resp: 45948

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	20.0	15.5	23.3

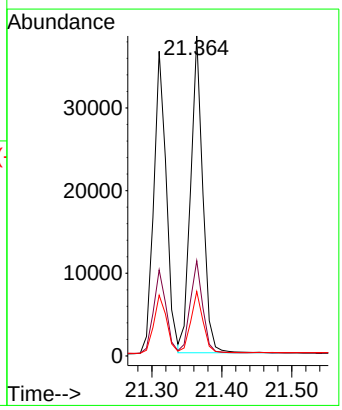


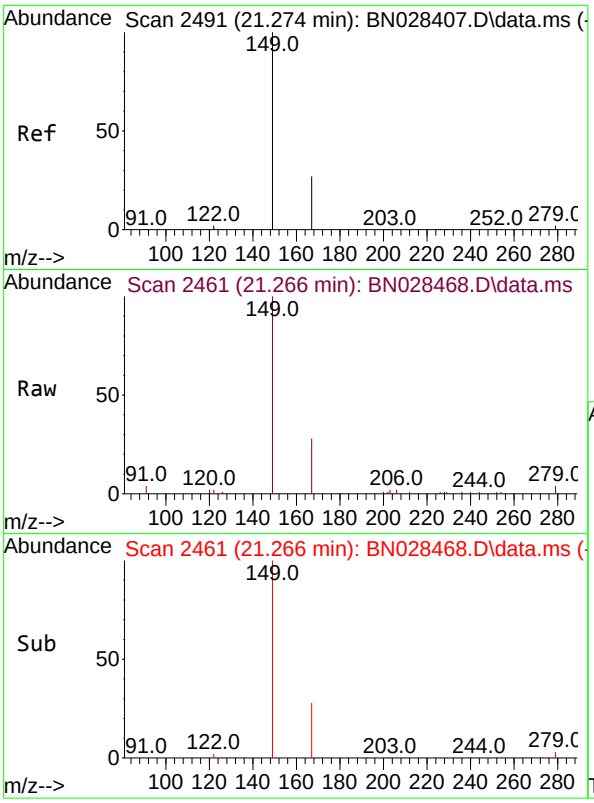


#33
Chrysene
Concen: 0.429 ng
RT: 21.364 min Scan# 2472
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:228 Resp: 46188

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	36.8
229	20.2	15.7	23.5



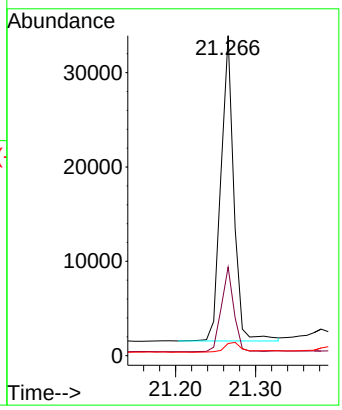


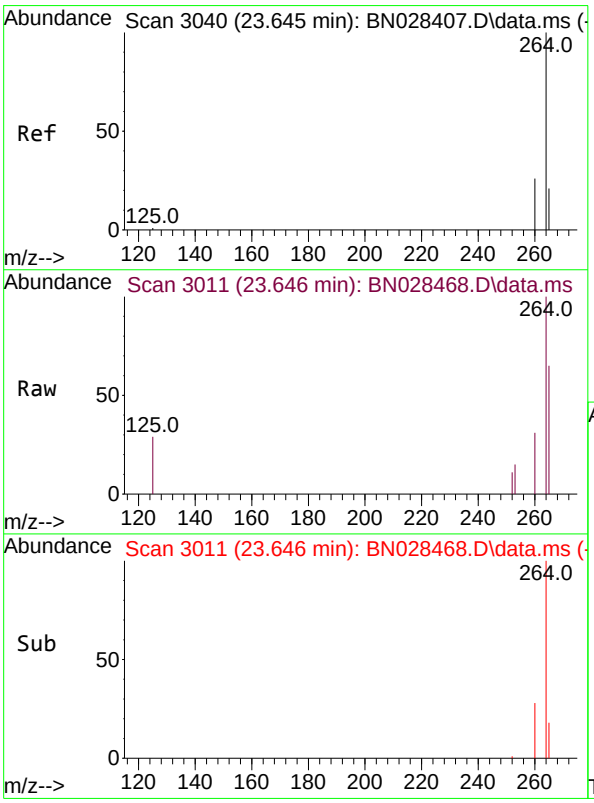
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.650 ng
RT: 21.266 min Scan# 24
Delta R.T. -0.008 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:149 Resp: 36320

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.4	32.0
279	4.5	2.3	3.5#

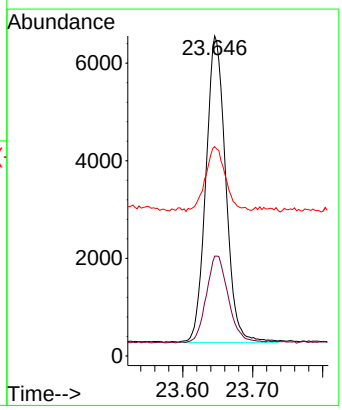


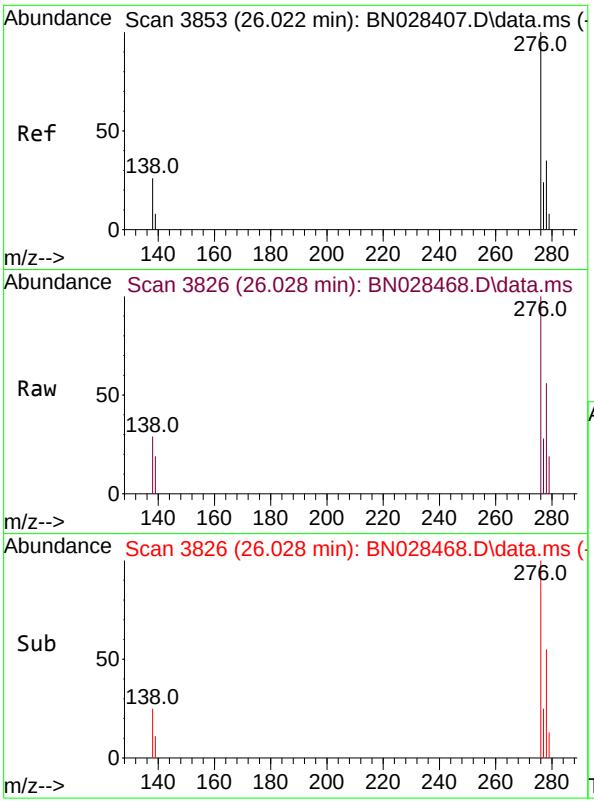


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.646 min Scan# 3011
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:264 Resp: 12340

Ion	Ratio	Lower	Upper
264	100		
260	31.2	20.8	31.2#
265	65.4	21.7	32.5#



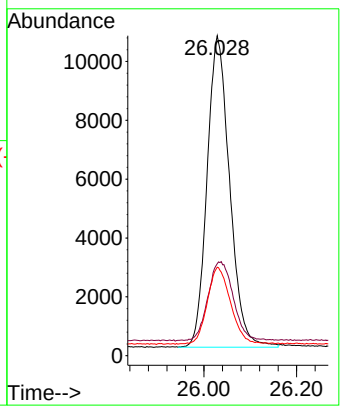


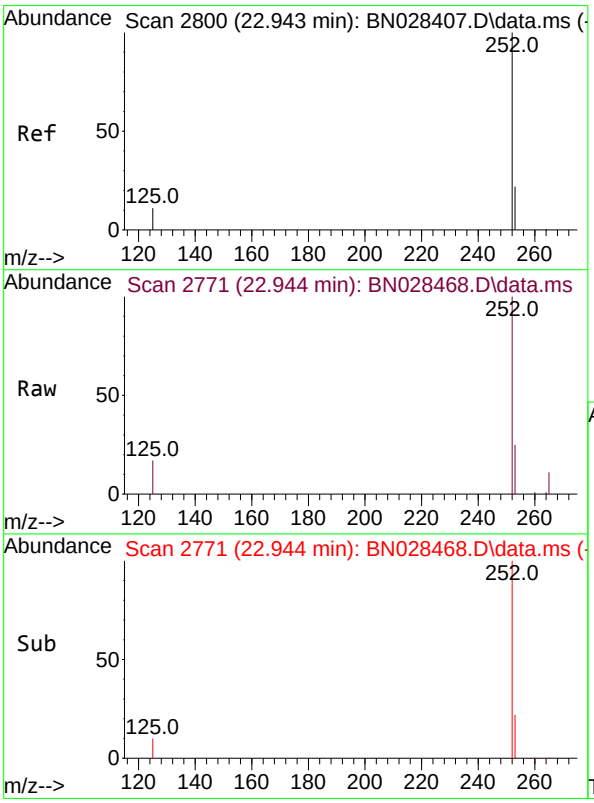
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.782 ng
RT: 26.028 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:276 Resp: 35761

Ion	Ratio	Lower	Upper
276	100		
138	27.8	24.1	36.1
277	25.3	19.7	29.5

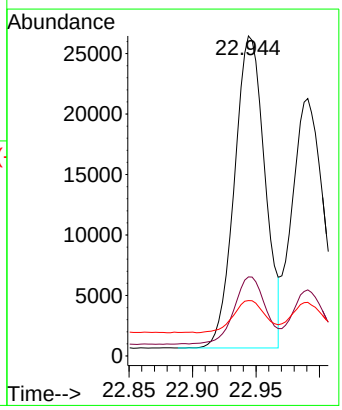


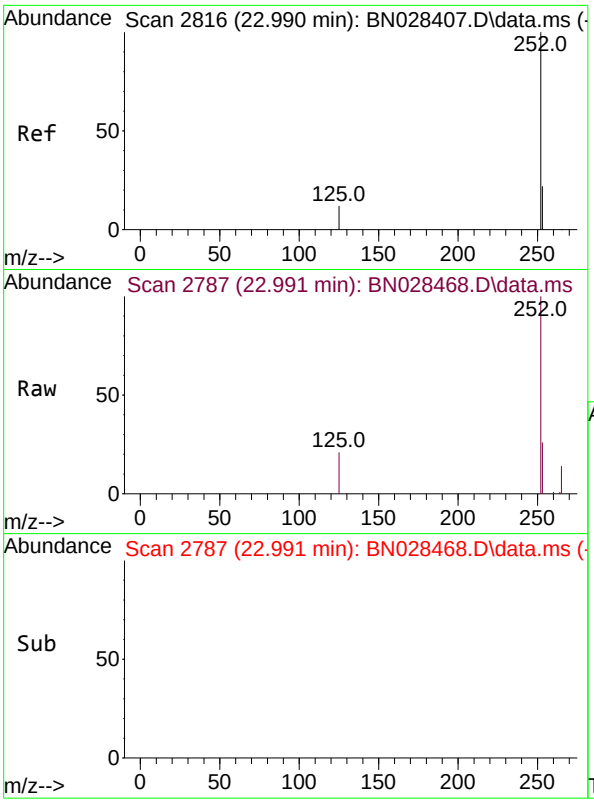


#37
Benzo(b)fluoranthene
Concen: 0.961 ng
RT: 22.944 min Scan# 2771
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:252 Resp: 42969

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	17.3	10.0	15.0#



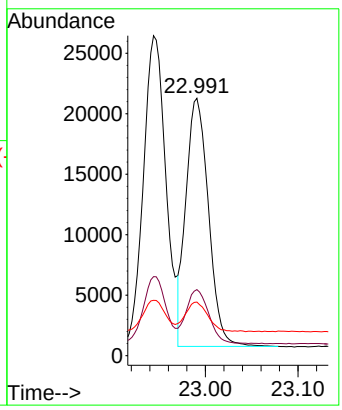


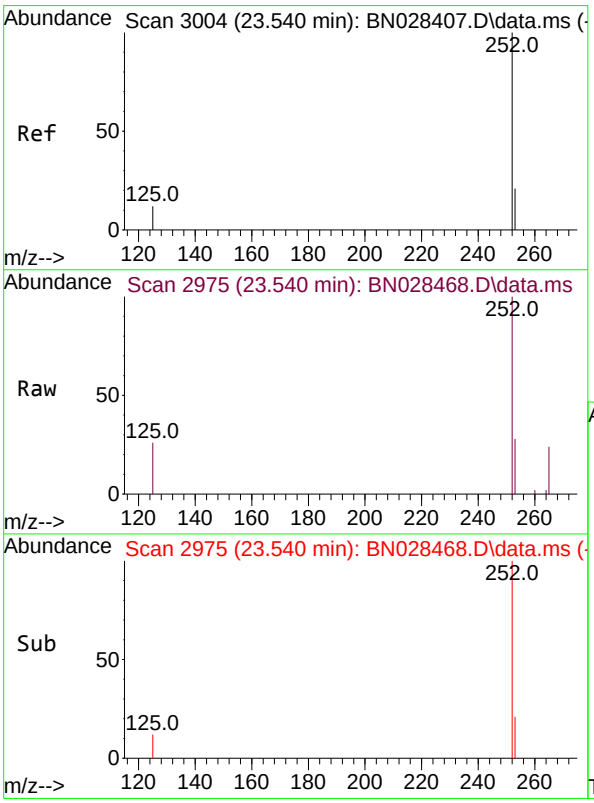
#38
Benzo(k)fluoranthene
Concen: 0.719 ng
RT: 22.991 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:252 Resp: 34725

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.1	27.1
125	20.8	10.2	15.2#

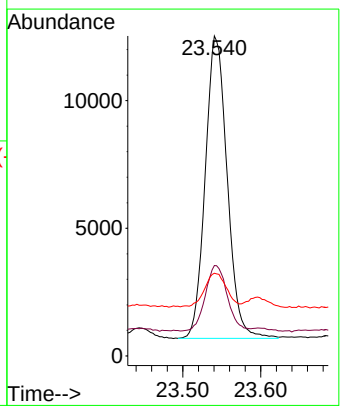


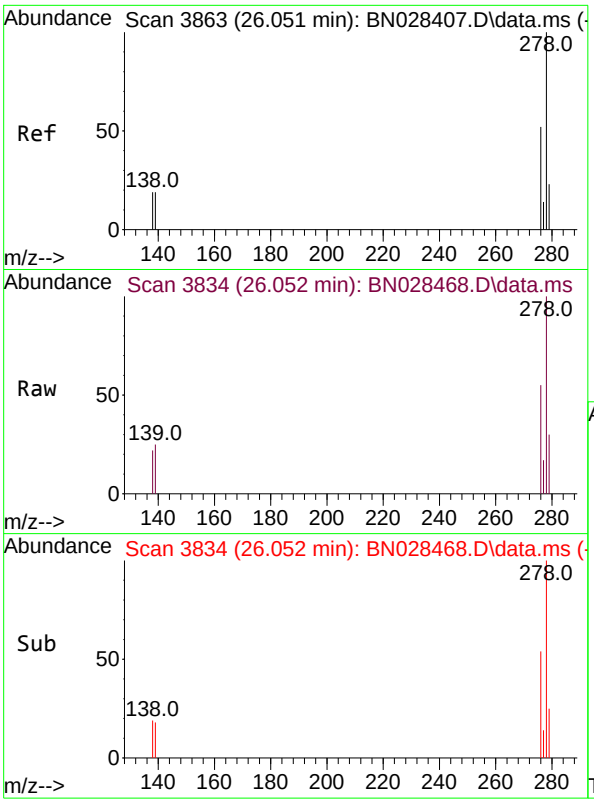


#39
Benzo(a)pyrene
Concen: 0.551 ng
RT: 23.540 min Scan# 2975
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:252 Resp: 23155

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.9	26.9#
125	25.9	11.0	16.6#



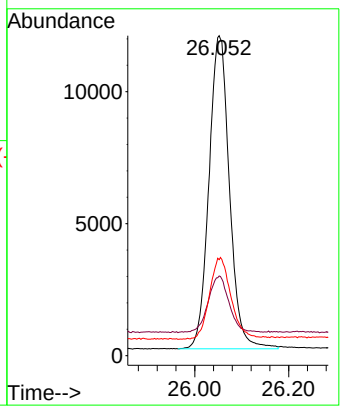


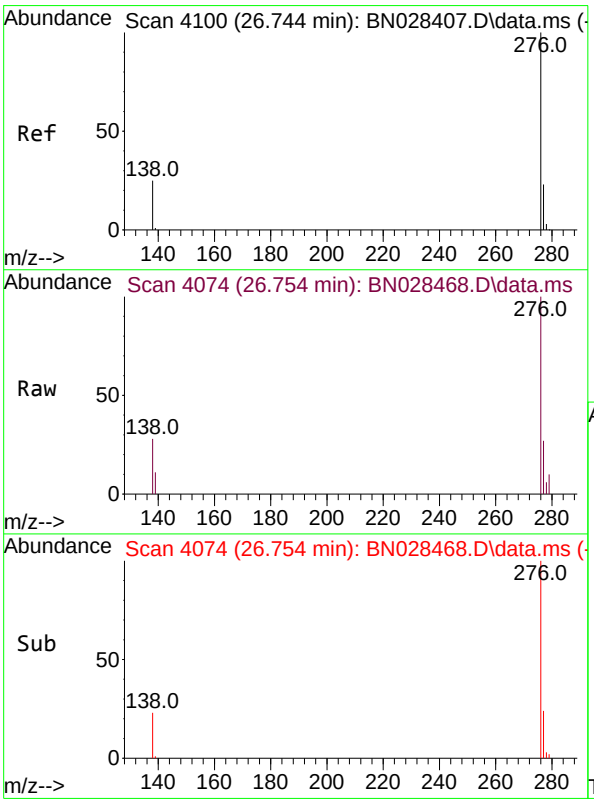
#40
Dibenzo(a,h)anthracene
Concen: 0.912 ng
RT: 26.052 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Instrument :
BNA_N
ClientSampleId :
PB156879BS

Tgt Ion:278 Resp: 35972

Ion	Ratio	Lower	Upper
278	100		
139	24.9	15.8	23.8#
279	30.0	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.685 ng
RT: 26.754 min Scan# 4074
Delta R.T. 0.010 min
Lab File: BN028468.D
Acq: 04 Nov 2023 11:10

Tgt Ion:276 Resp: 28934

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	27.6	21.1	31.7