Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
Data File : BN029206.D
Acq On : 28 Dec 2023 10:13
Operator : MA/JU
Sample : PB158020BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Quant Time: Dec 28 11:33:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1078	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	2177	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1453	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	2593	0.400	ng	0.00
29) Chrysene-d12	21.340	240	948	0.400	ng	# 0.00
35) Perylene-d12	23.634	264	1062	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	870	0.347	ng	0.00
5) Phenol-d6	6.944	99	976	0.347	ng	0.00
8) Nitrobenzene-d5	8.907	82	987	0.361	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	1389	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	378	0.337	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	2746	0.352	ng	0.00
27) Fluoranthene-d10	19.173	212	1754	0.332	ng	0.00
31) Terphenyl-d14	19.787	244	1042	0.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	300	0.306	ng	# 87
3) n-Nitrosodimethylamine	3.644	42	234	0.285	ng	# 86
6) bis(2-Chloroethyl)ether	7.190	93	716	0.372	ng	95
9) Naphthalene	10.573	128	2286	0.346	ng	96
10) Hexachlorobutadiene	10.840	225	664	0.352	ng	# 100
12) 2-Methylnaphthalene	12.193	142	1736	0.355	ng	97
16) Acenaphthylene	14.094	152	3181	0.334	ng	100
17) Acenaphthene	14.436	154	1970	0.333	ng	99
18) Fluorene	15.430	166	2948	0.346	ng	98
20) 4,6-Dinitro-2-methylph...	15.530	198	269	0.313	ng	90
21) 4-Bromophenyl-phenylether	16.337	248	737	0.329	ng	91
22) Hexachlorobenzene	16.424	284	895	0.341	ng	100
23) Atrazine	16.784	200	109	0.050	ng	96
24) Pentachlorophenol	16.784	266	540	0.316	ng	94
25) Phenanthrene	17.169	178	3930	0.343	ng	99
26) Anthracene	17.268	178	3837	0.343	ng	99
28) Fluoranthene	19.201	202	3468	0.337	ng	98
30) Pyrene	19.568	202	3445	0.361	ng	99
32) Benzo(a)anthracene	21.331	228	1956	0.357	ng	92
33) Chrysene	21.376	228	1874	0.343	ng	95
34) Bis(2-ethylhexyl)phtha...	21.268	149	2858	0.360	ng	99
36) Indeno(1,2,3-cd)pyrene	25.970	276	2567	0.348	ng	# 87
37) Benzo(b)fluoranthene	22.984	252	1978	0.344	ng	89
38) Benzo(k)fluoranthene	22.984	252	1929	0.347	ng	90
39) Benzo(a)pyrene	23.534	252	1811	0.347	ng	# 86
40) Dibenzo(a,h)anthracene	25.996	278	1968	0.349	ng	92
41) Benzo(g,h,i)perylene	26.680	276	2227	0.357	ng	91

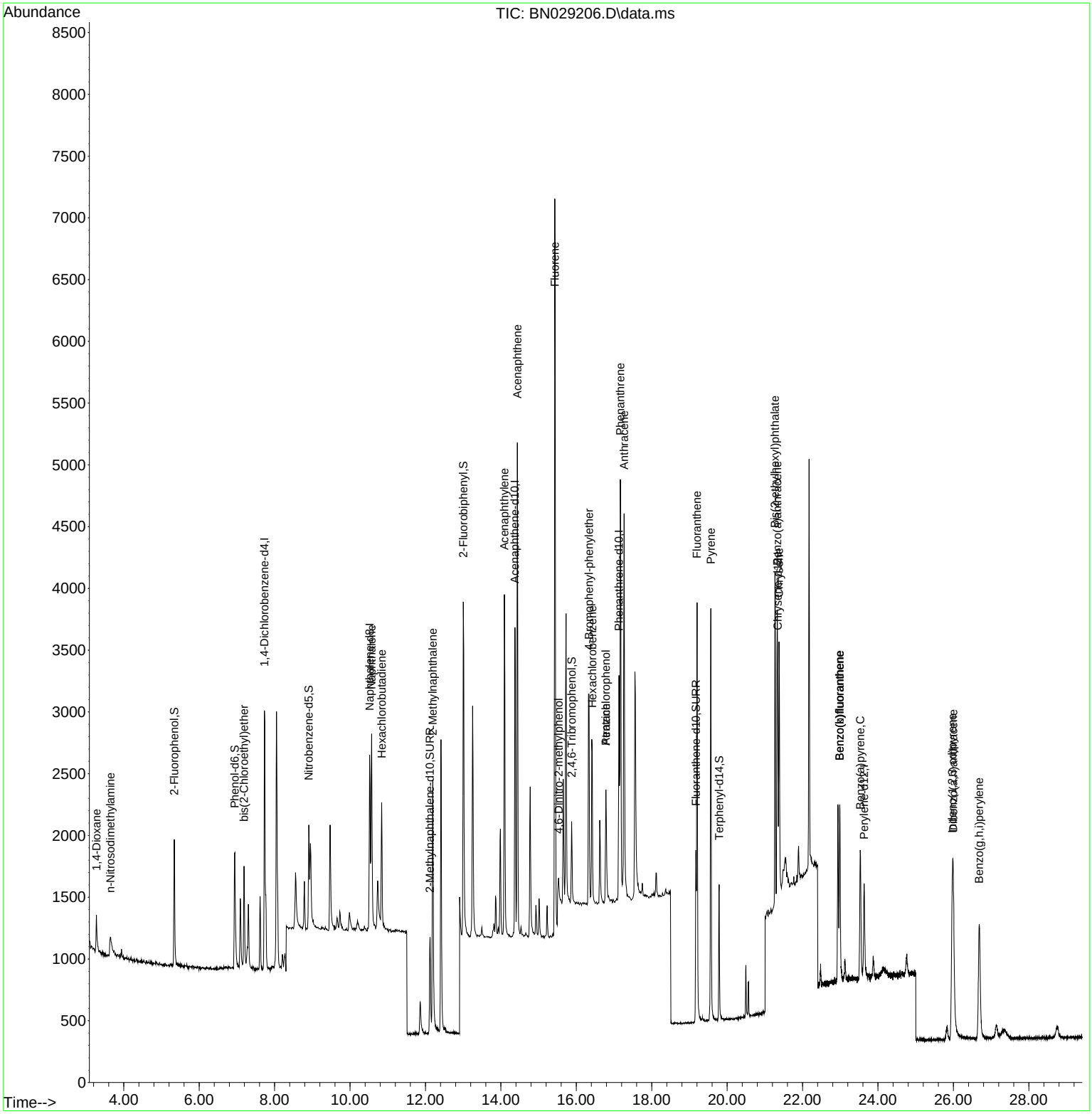
(#) = qualifier out of range (m) = manual integration (+) = signals summed

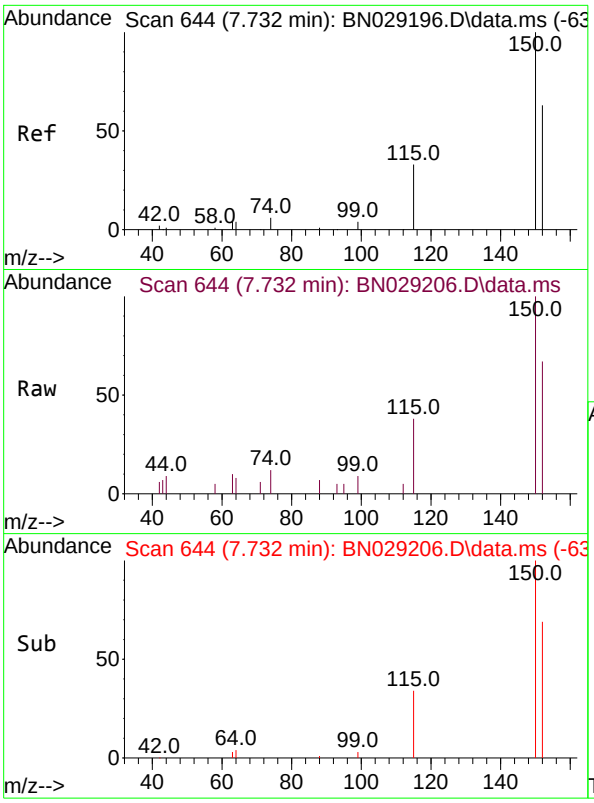
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
Data File : BN029206.D
Acq On : 28 Dec 2023 10:13
Operator : MA/JU
Sample : PB158020BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Quant Time: Dec 28 11:33:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration



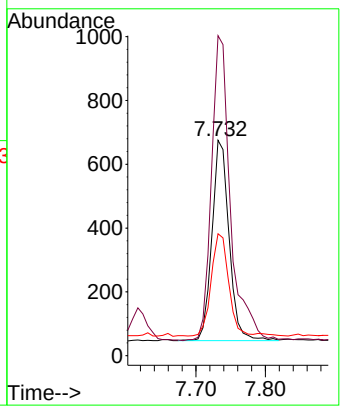


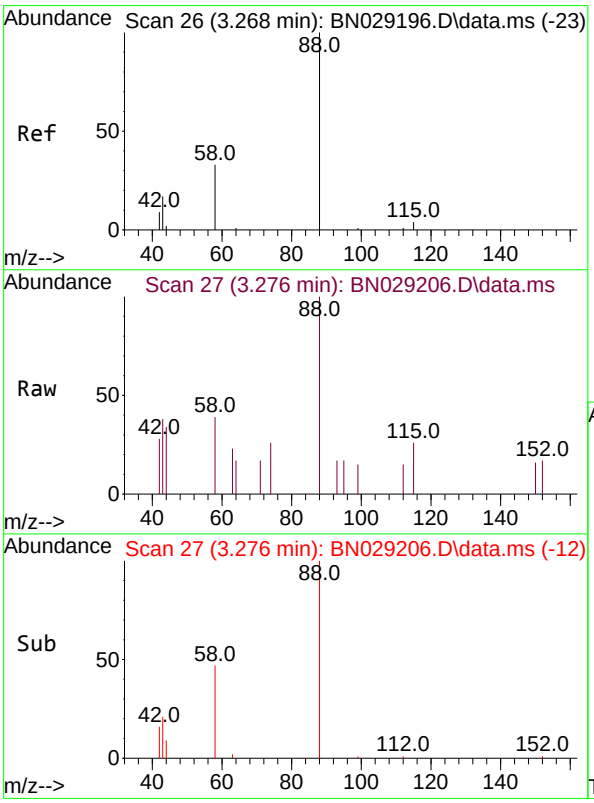
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.732 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:152 Resp: 1078

Ion	Ratio	Lower	Upper
152	100		
150	148.6	122.2	183.2
115	56.6	48.2	72.4

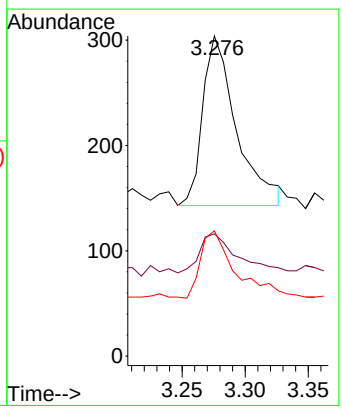


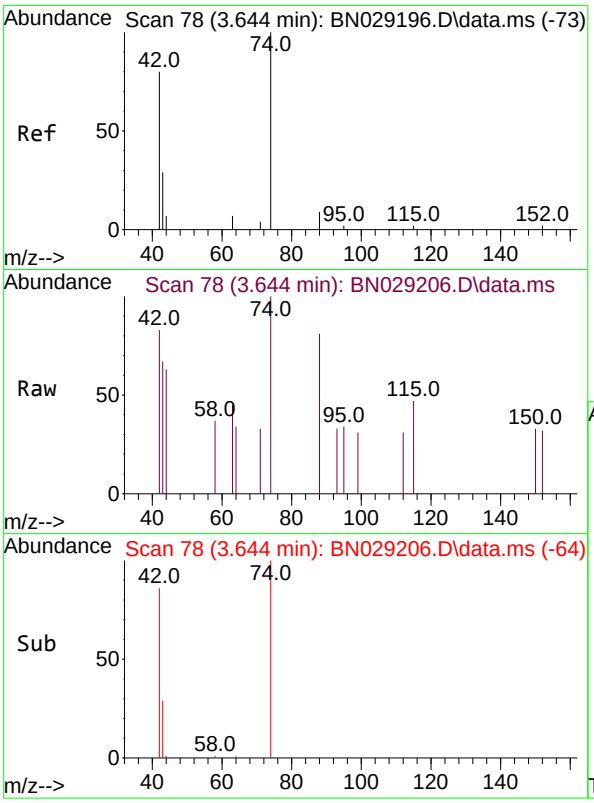


#2
1,4-Dioxane
Concen: 0.306 ng
RT: 3.276 min Scan# 27
Delta R.T. 0.007 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion: 88 Resp: 300

Ion	Ratio	Lower	Upper
88	100		
43	26.3	19.0	28.4
58	39.0	23.1	34.7#



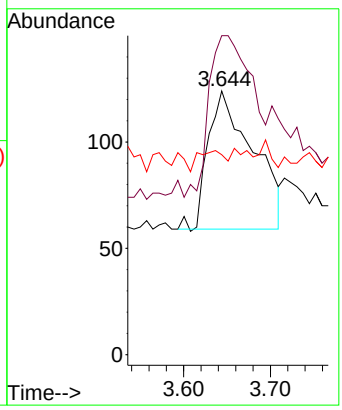


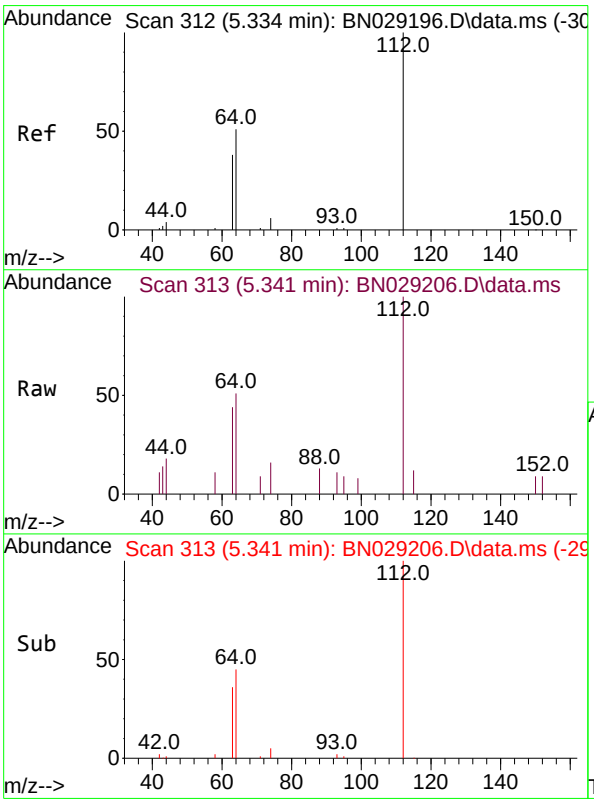
#3
n-Nitrosodimethylamine
Concen: 0.285 ng
RT: 3.644 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion: 42 Resp: 234

Ion	Ratio	Lower	Upper
42	100		
74	115.8	106.8	160.2
44	9.0	5.6	8.4#

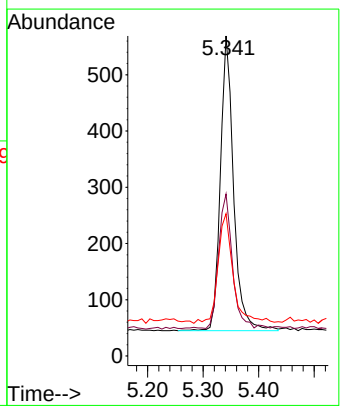


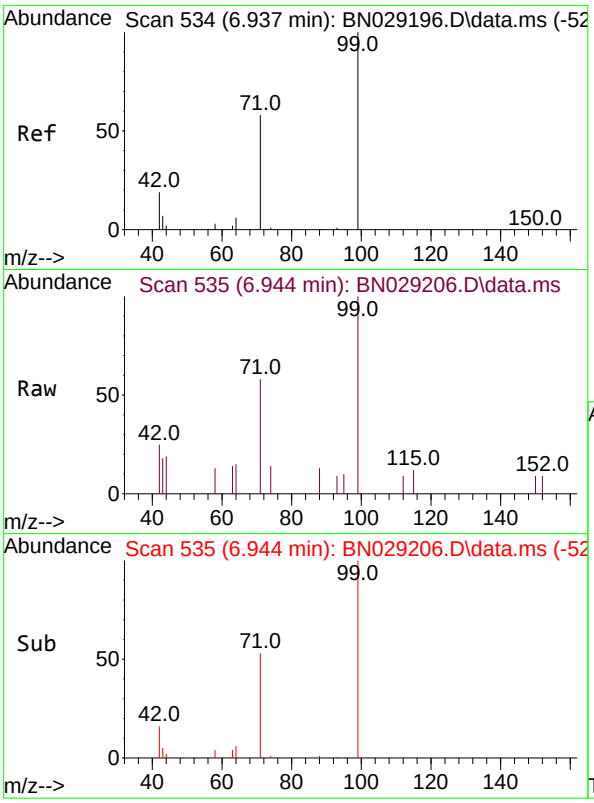


#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.341 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:112 Resp: 870

Ion	Ratio	Lower	Upper
112	100		
64	46.7	38.8	58.2
63	42.6	30.6	45.8



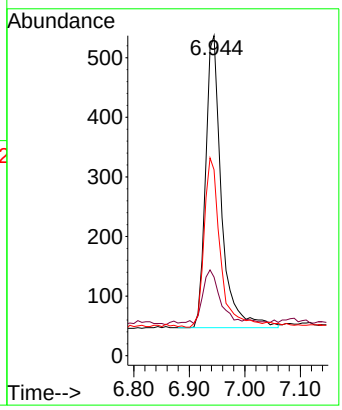


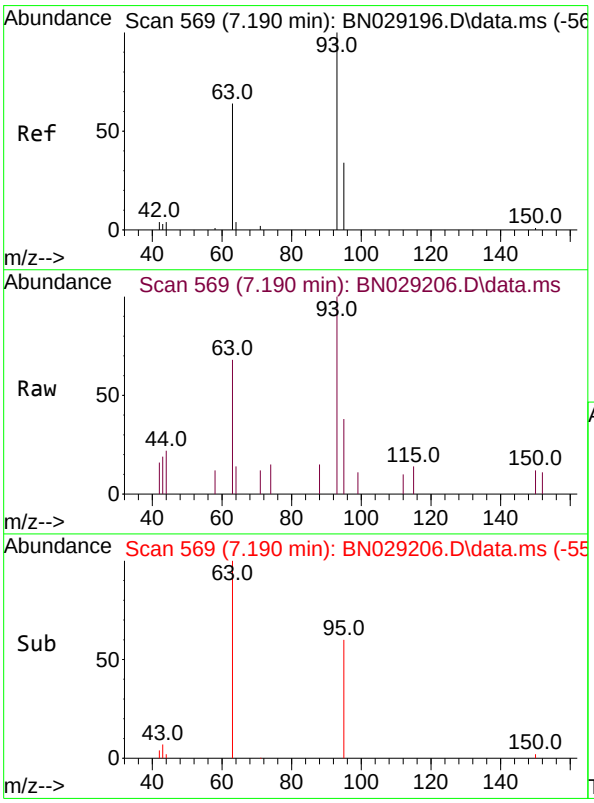
#5
Phenol-d6
Concen: 0.347 ng
RT: 6.944 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion: 99 Resp: 976

Ion	Ratio	Lower	Upper
99	100		
42	19.1	18.3	27.5
71	58.6	48.6	73.0

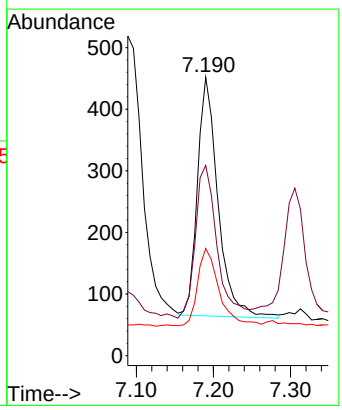


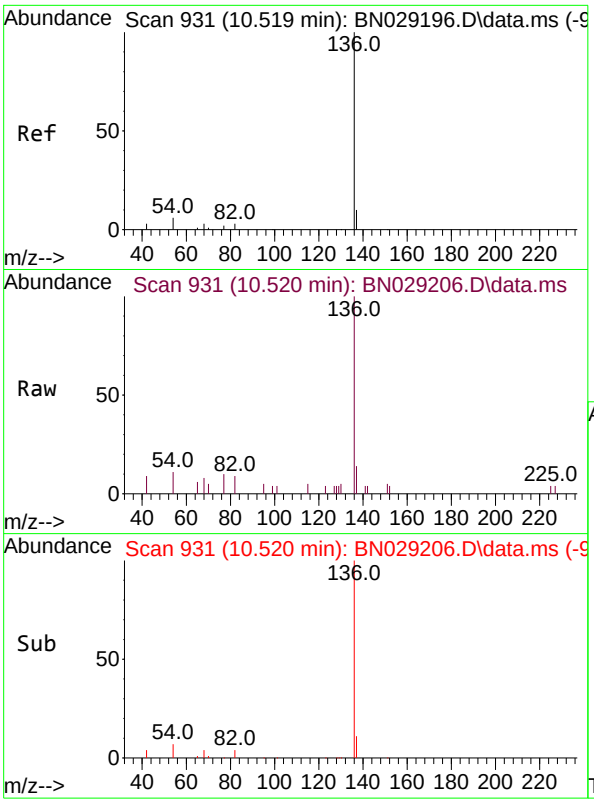


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.190 min Scan# 569
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion: 93 Resp: 716

Ion	Ratio	Lower	Upper
93	100		
63	68.0	56.6	85.0
95	33.1	29.9	44.9



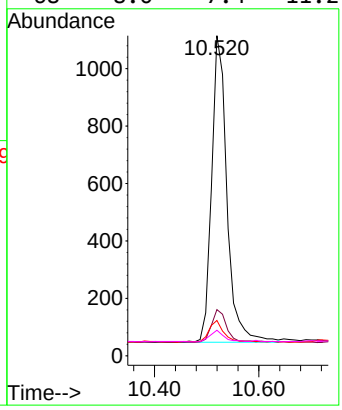


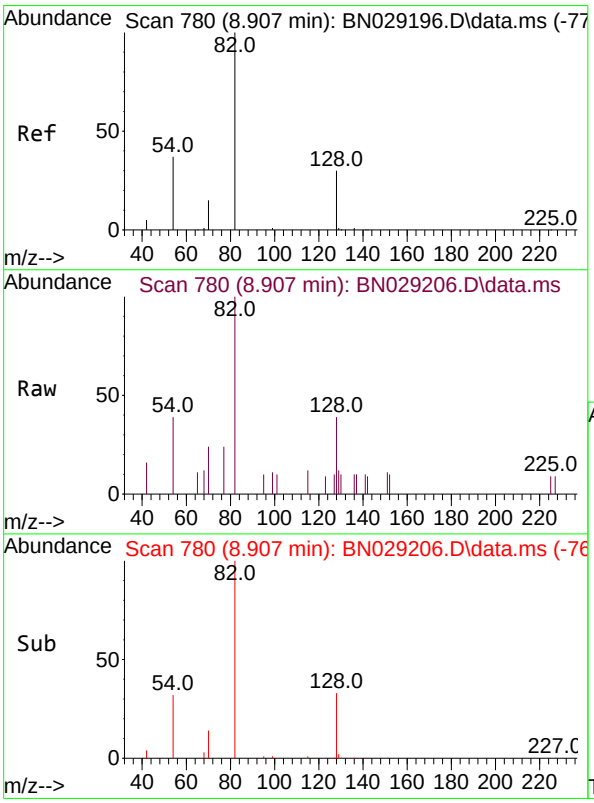
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. 0.001 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:136 Resp: 2177

Ion	Ratio	Lower	Upper
136	100		
137	14.4	13.0	19.4
54	11.0	9.8	14.6
68	8.0	7.4	11.2

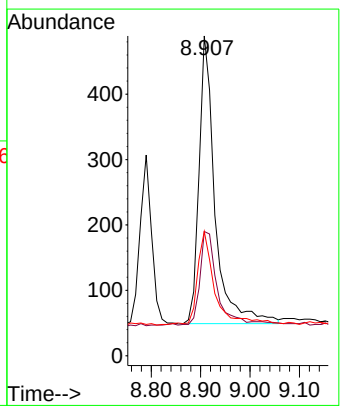


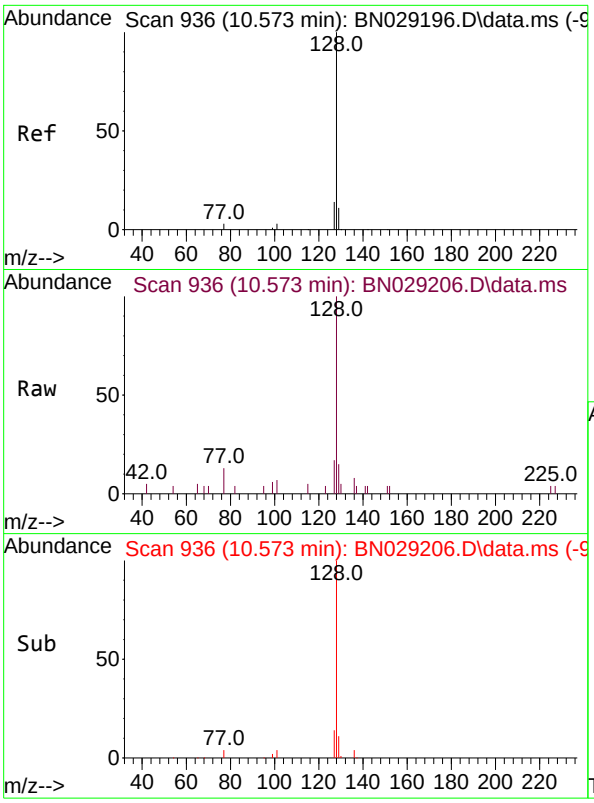


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion: 82 Resp: 987

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.2	51.2
54	38.9	38.8	58.2



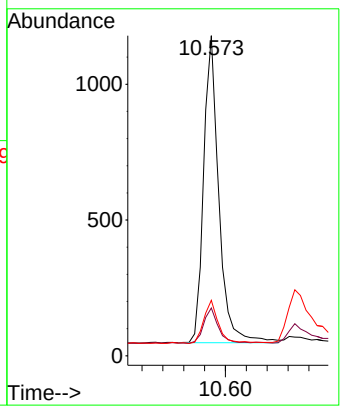


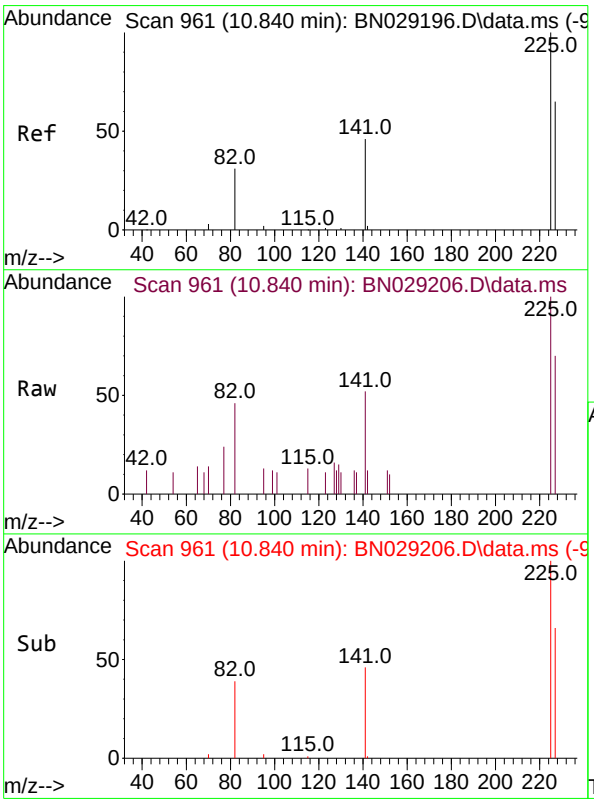
#9
Naphthalene
Concen: 0.346 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:128 Resp: 2286

Ion	Ratio	Lower	Upper
128	100		
129	14.9	13.4	20.2
127	17.3	15.5	23.3

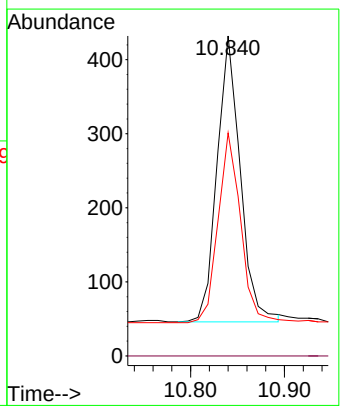


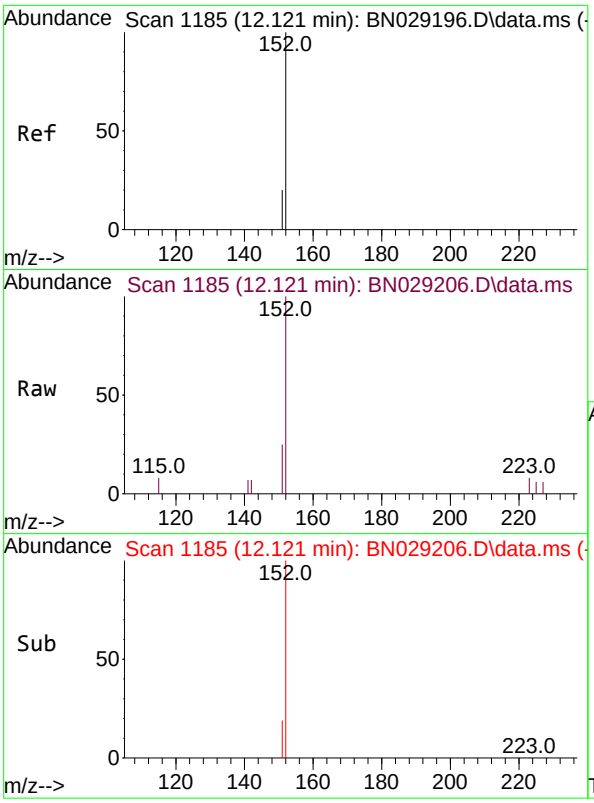


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.840 min Scan# 961
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:225 Resp: 664

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.0	76.6



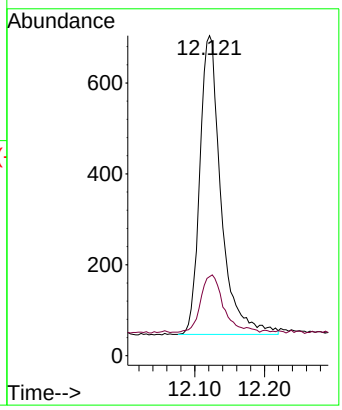


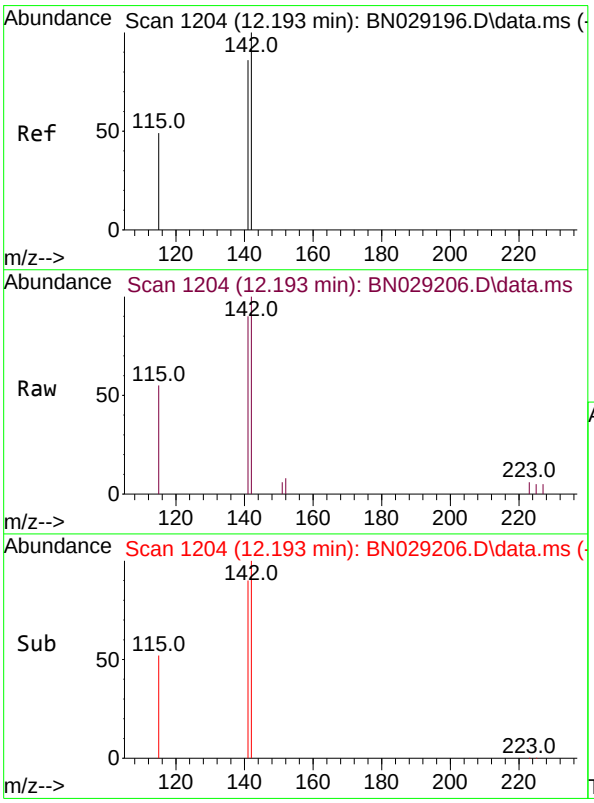
#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.121 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:152 Resp: 1389

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	24.8

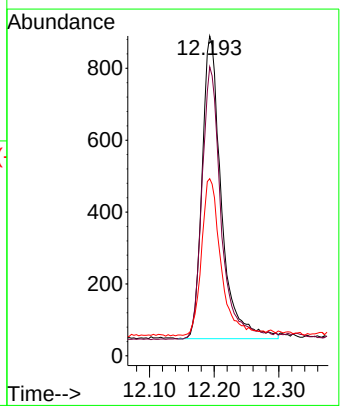


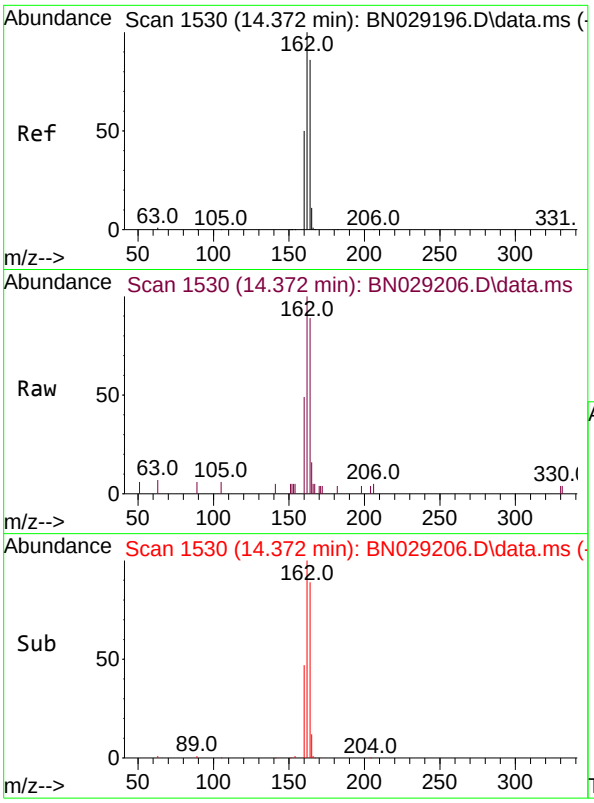


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.193 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:142 Resp: 1736

Ion	Ratio	Lower	Upper
142	100		
141	90.3	69.8	104.6
115	55.4	43.2	64.8



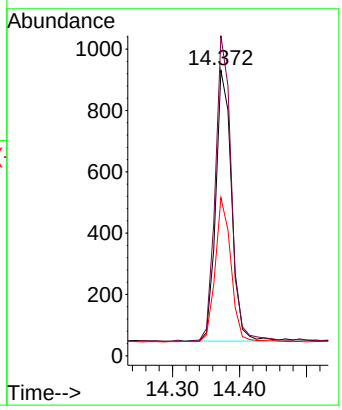


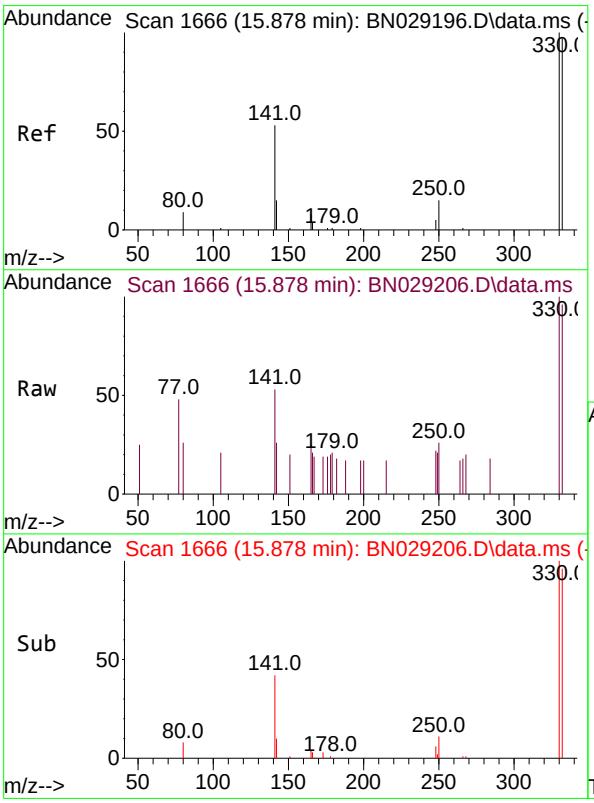
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:164 Resp: 1453

Ion	Ratio	Lower	Upper
164	100		
162	112.1	91.8	137.8
160	55.4	49.4	74.2

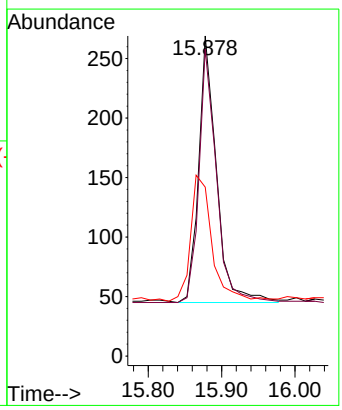


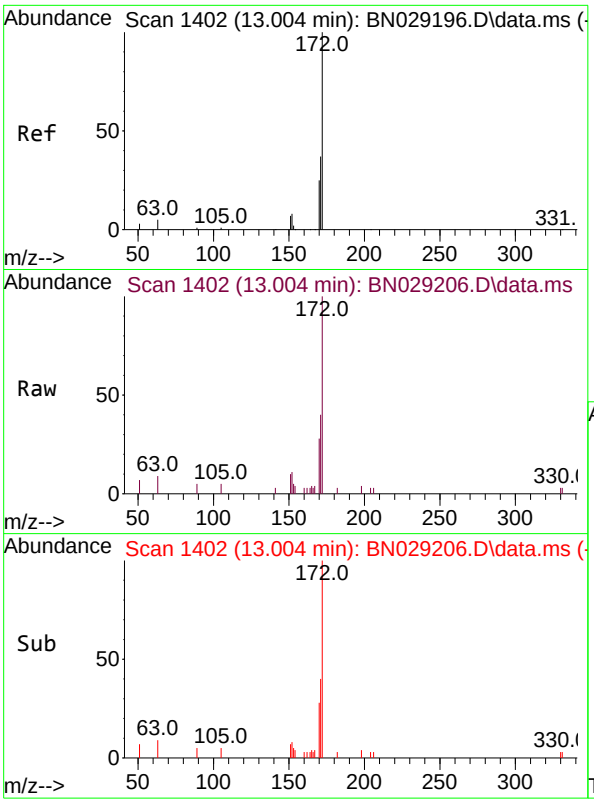


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.878 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:330 Resp: 378

Ion	Ratio	Lower	Upper
330	100		
332	92.9	74.4	111.6
141	57.1	46.7	70.1



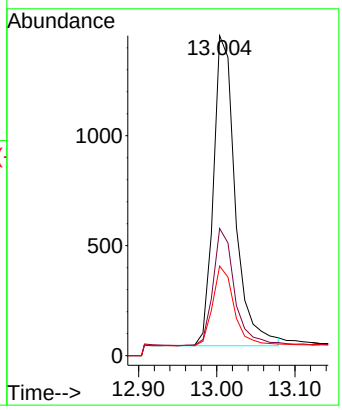


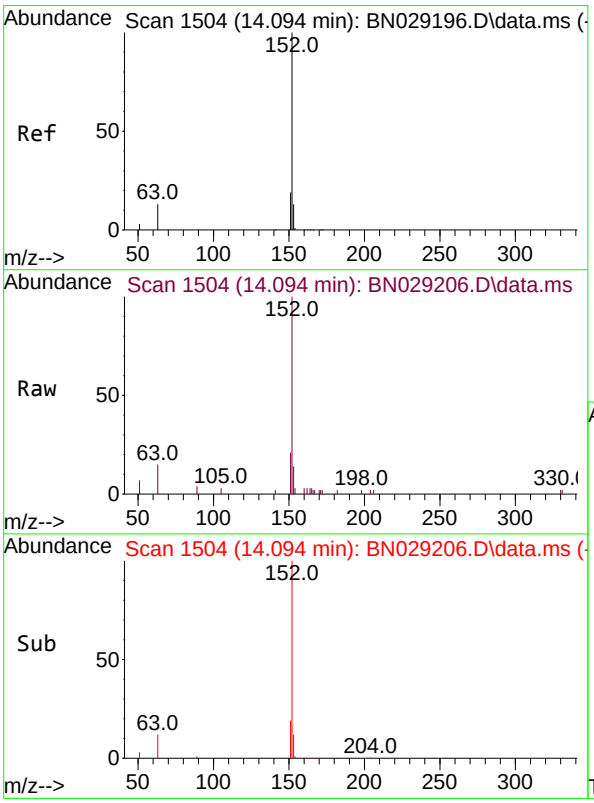
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.004 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:172 Resp: 2746

Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.8	49.2
170	28.0	24.0	36.0

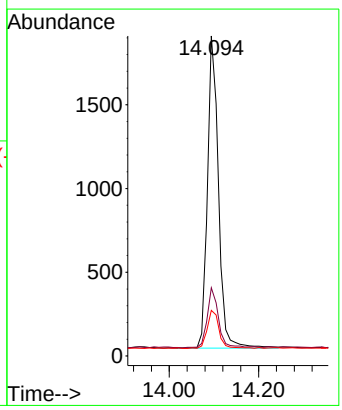


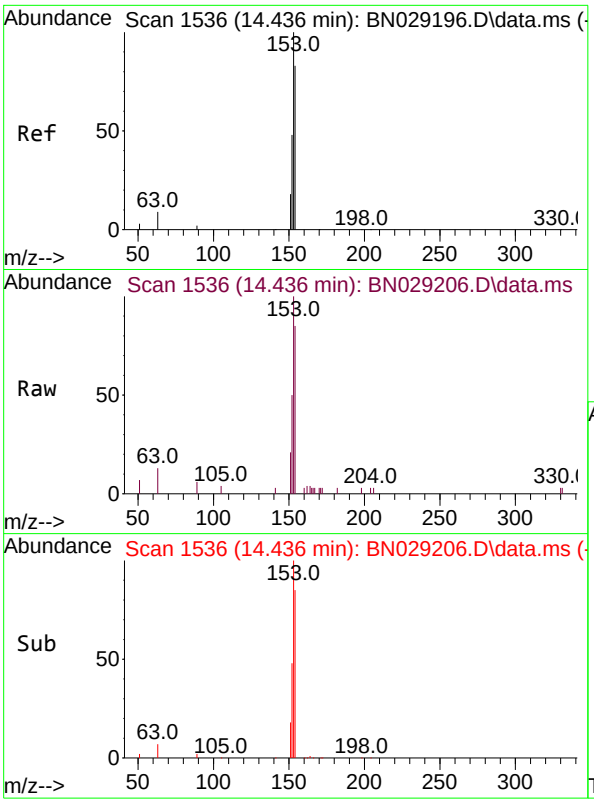


#16
Acenaphthylene
Concen: 0.334 ng
RT: 14.094 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:152 Resp: 3181

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.8	16.2



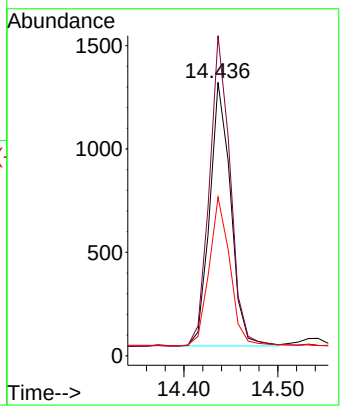


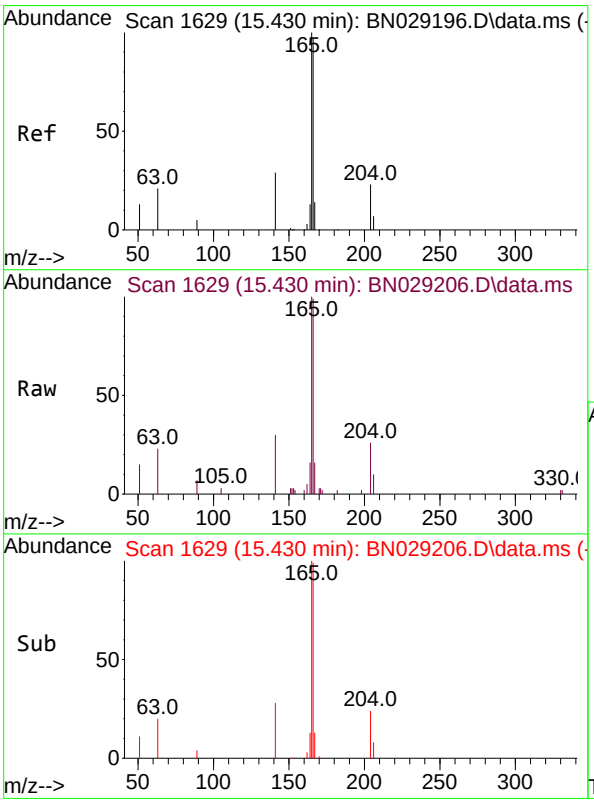
#17
Acenaphthene
Concen: 0.333 ng
RT: 14.436 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:154 Resp: 1970

Ion	Ratio	Lower	Upper
154	100		
153	118.5	94.6	141.8
152	56.7	46.4	69.6

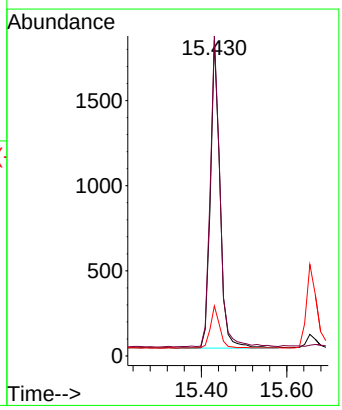


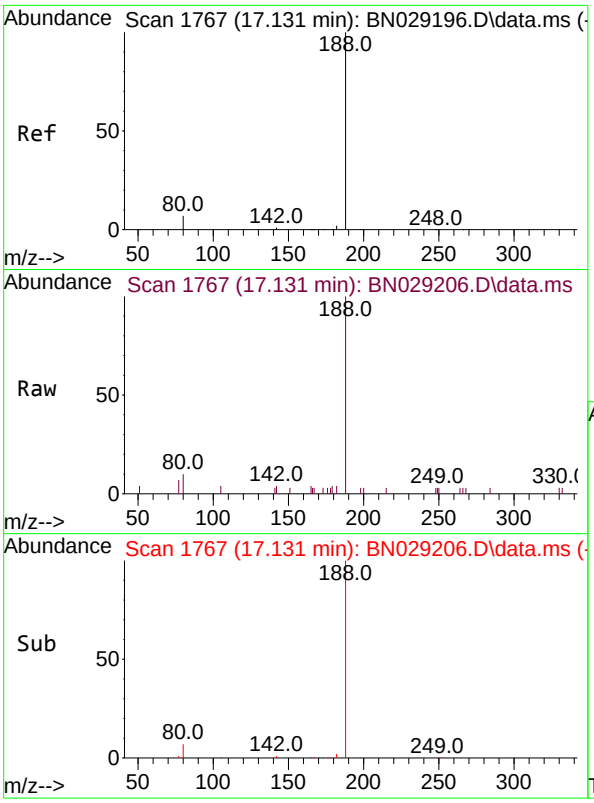


#18
Fluorene
Concen: 0.346 ng
RT: 15.430 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:166 Resp: 2948

Ion	Ratio	Lower	Upper
166	100		
165	101.9	82.8	124.2
167	13.4	11.4	17.2



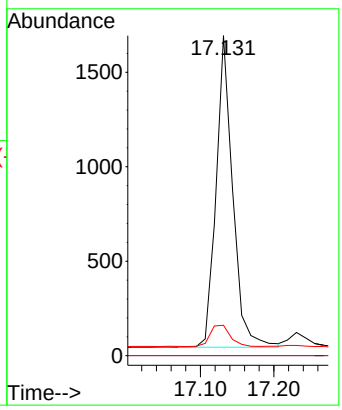


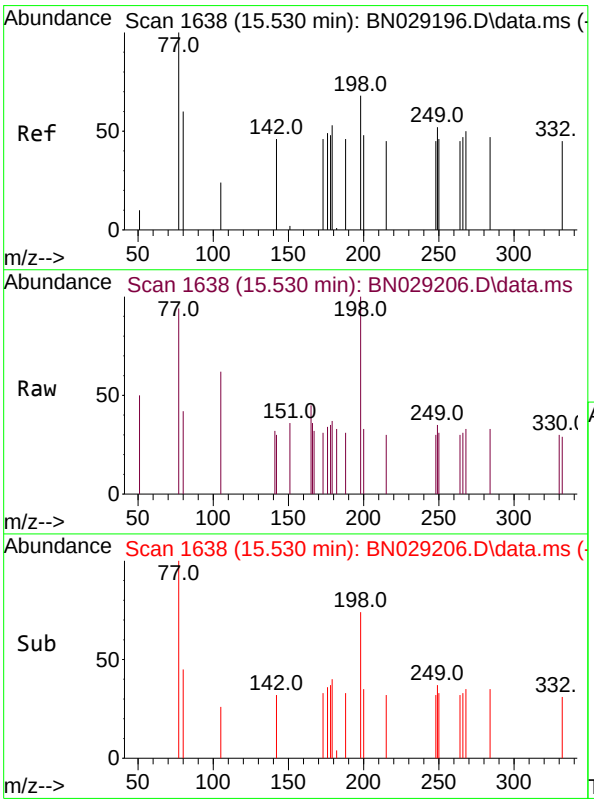
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:188 Resp: 2593

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	8.8	13.2

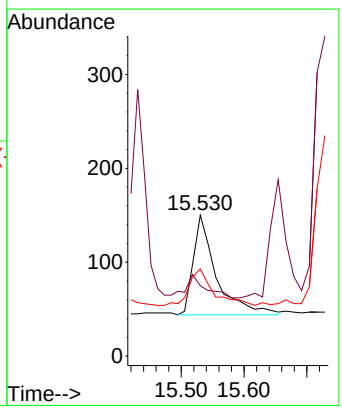


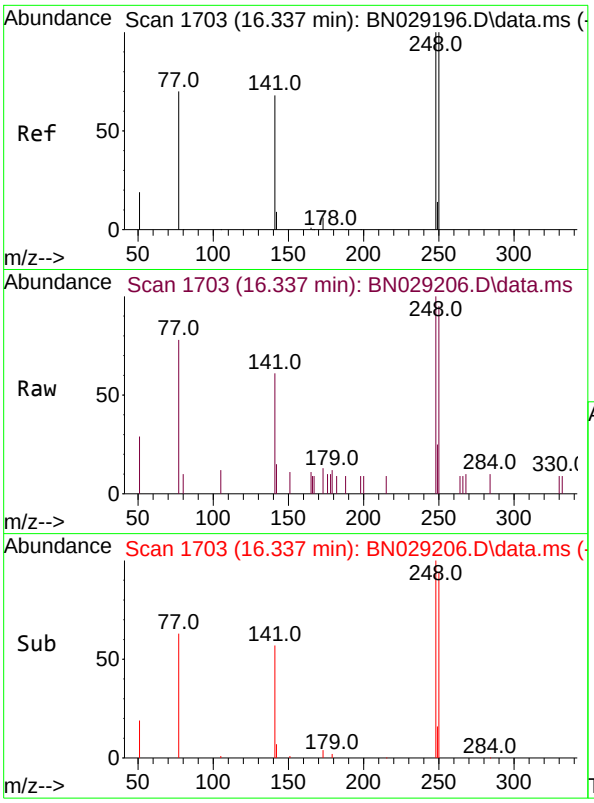


#20
4,6-Dinitro-2-methylphenol
Concen: 0.313 ng
RT: 15.530 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	50.0	47.4	71.2
105	62.0	54.5	81.7



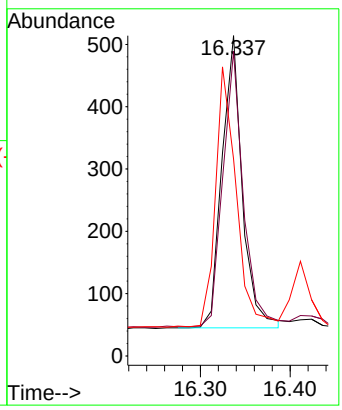


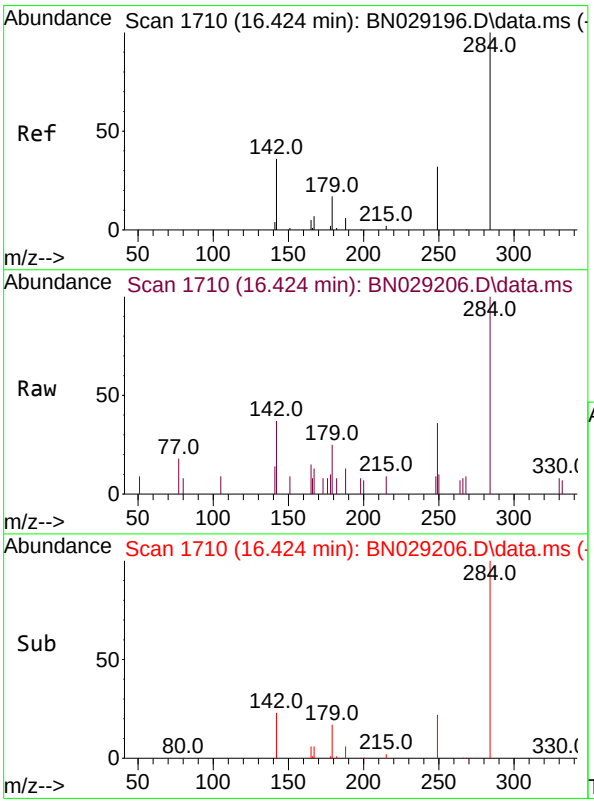
#21
4-Bromophenyl-phenylether
Concen: 0.329 ng
RT: 16.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:248 Resp: 737

Ion	Ratio	Lower	Upper
248	100		
250	95.1	80.8	121.2
141	61.5	58.6	87.8

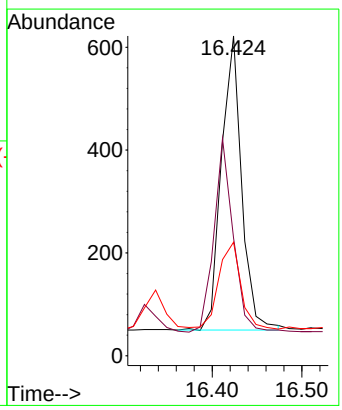


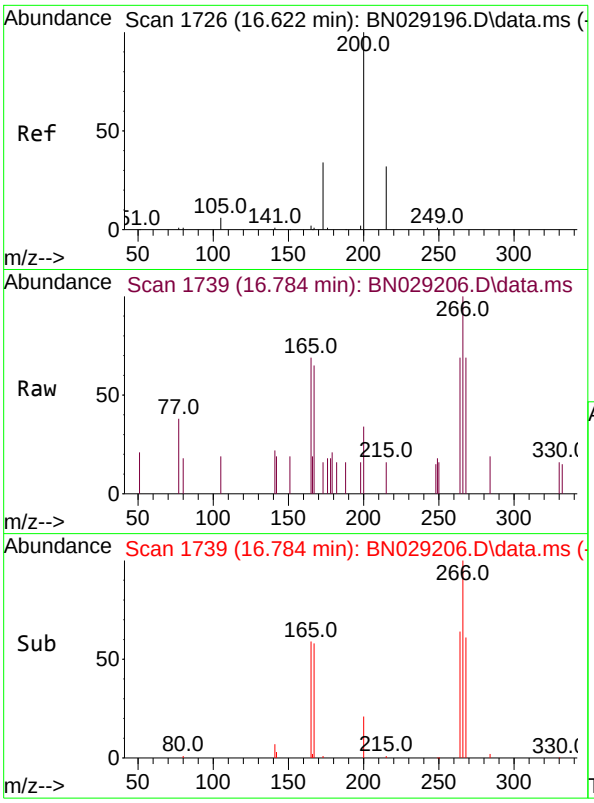


#22
Hexachlorobenzene
Concen: 0.341 ng
RT: 16.424 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:284 Resp: 895

Ion	Ratio	Lower	Upper
284	100		
142	62.6	49.9	74.9
249	32.4	26.3	39.5



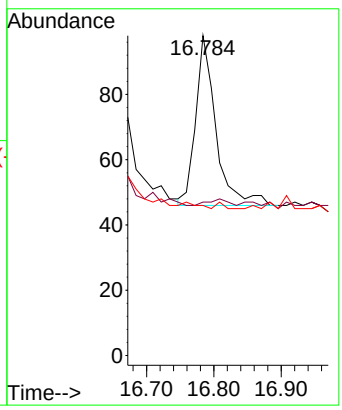


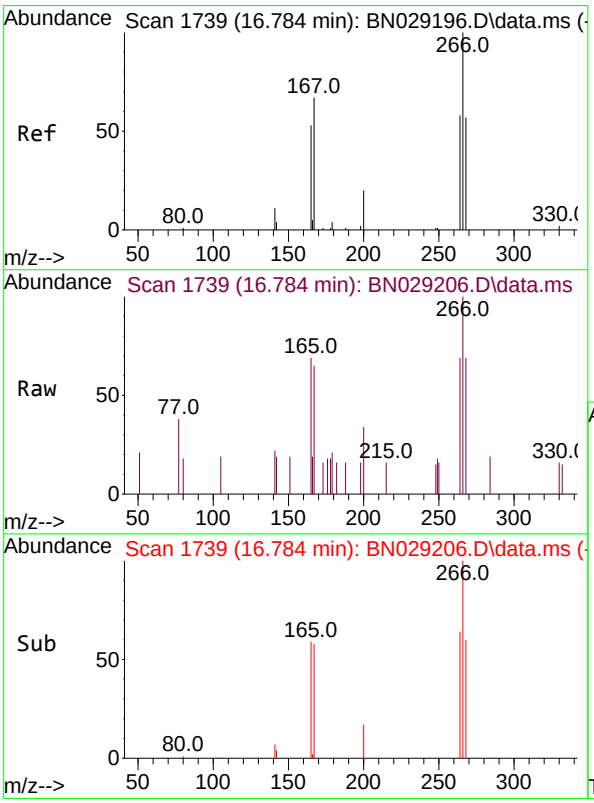
#23
Atrazine
Concen: 0.050 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.161 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:200 Resp: 109

Ion	Ratio	Lower	Upper
200	100		
173	48.0	36.6	54.8
215	46.9	35.3	52.9

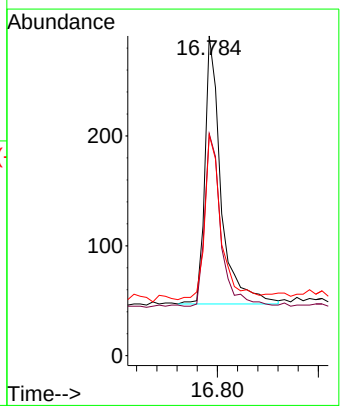


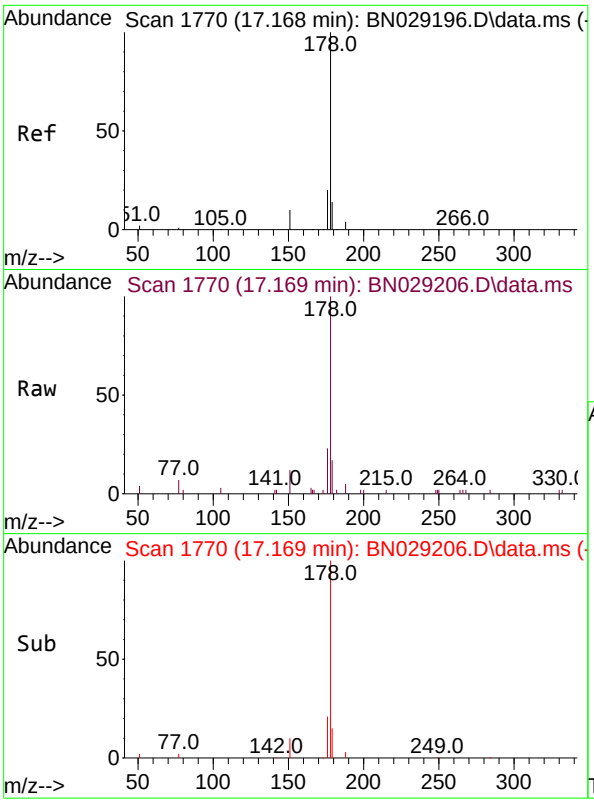


#24
Pentachlorophenol
Concen: 0.316 ng
RT: 16.784 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:266 Resp: 540

Ion	Ratio	Lower	Upper
266	100		
264	64.4	44.4	66.6
268	62.4	49.4	74.2



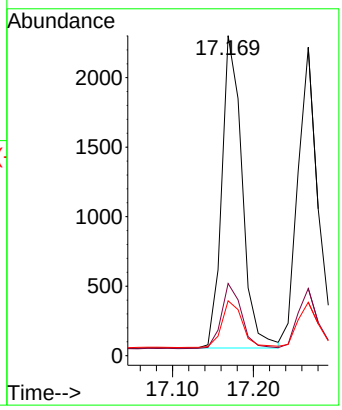


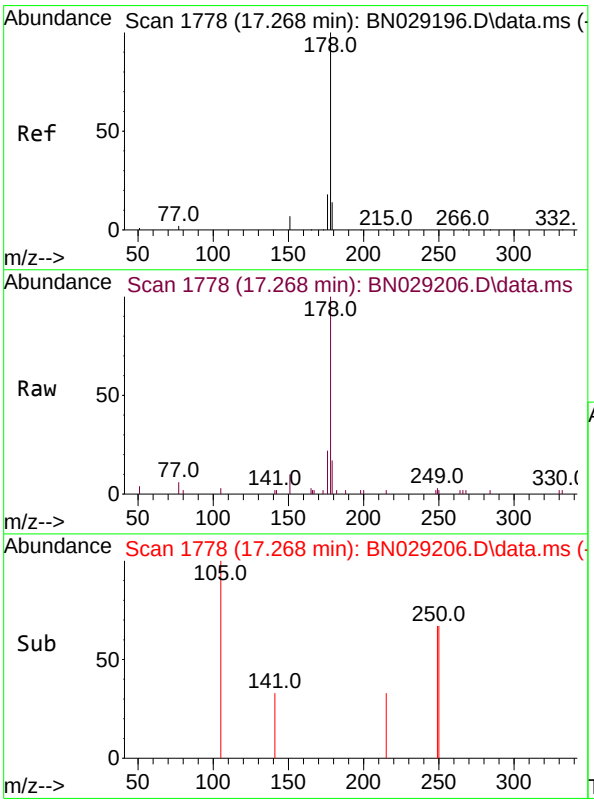
#25
Phenanthrene
Concen: 0.343 ng
RT: 17.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:178 Resp: 3930

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.7	25.1
179	15.3	12.8	19.2

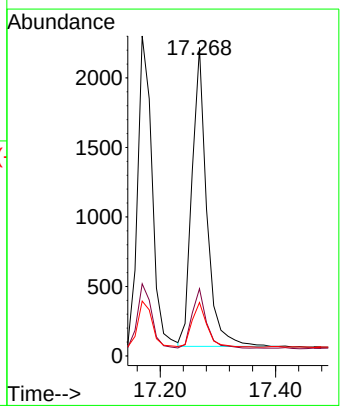


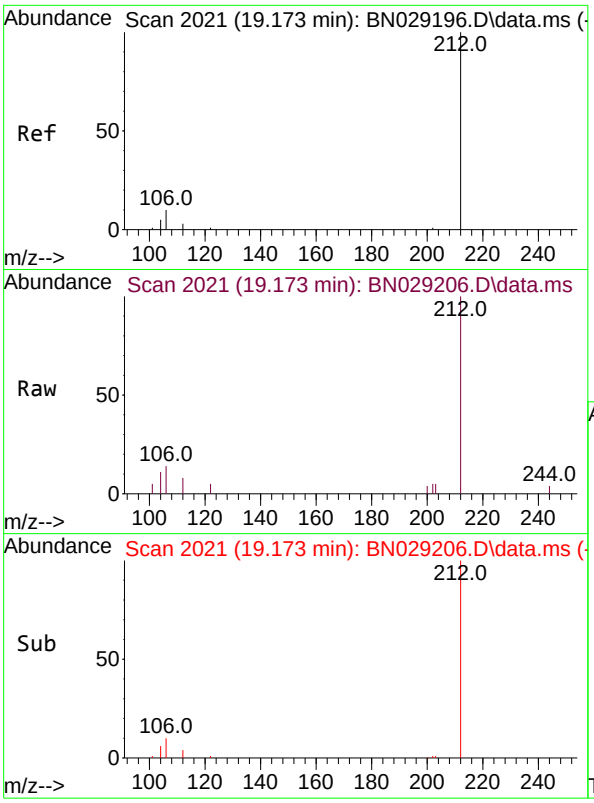


#26
Anthracene
Concen: 0.343 ng
RT: 17.268 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:178 Resp: 3837

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	14.9	11.5	17.3



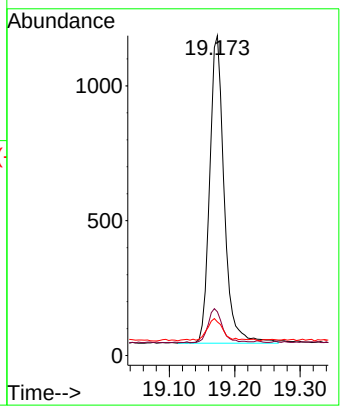


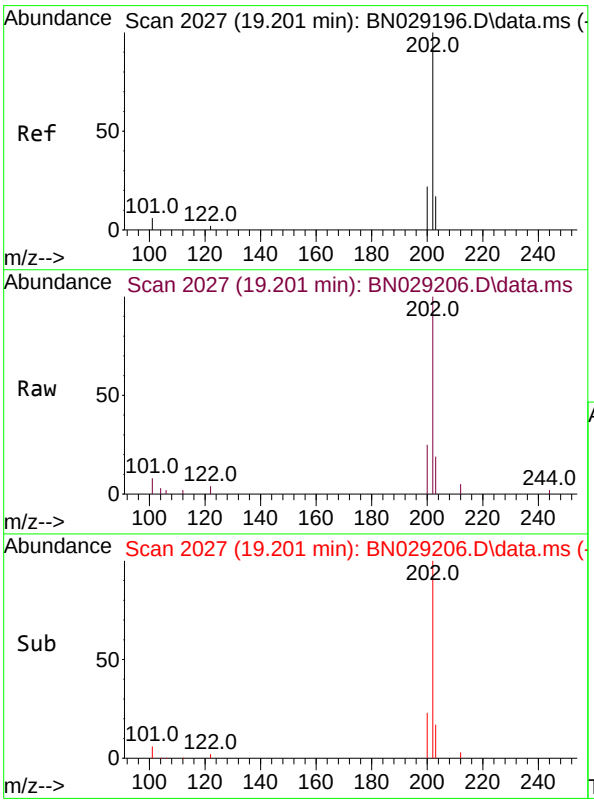
#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.173 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:212 Resp: 1754

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.7	14.5
104	7.5	6.3	9.5

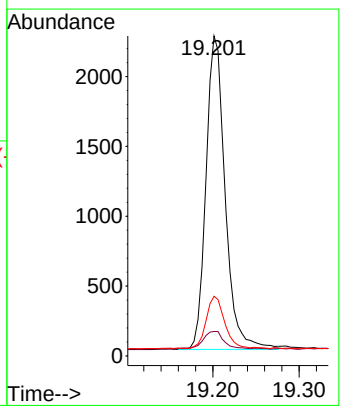


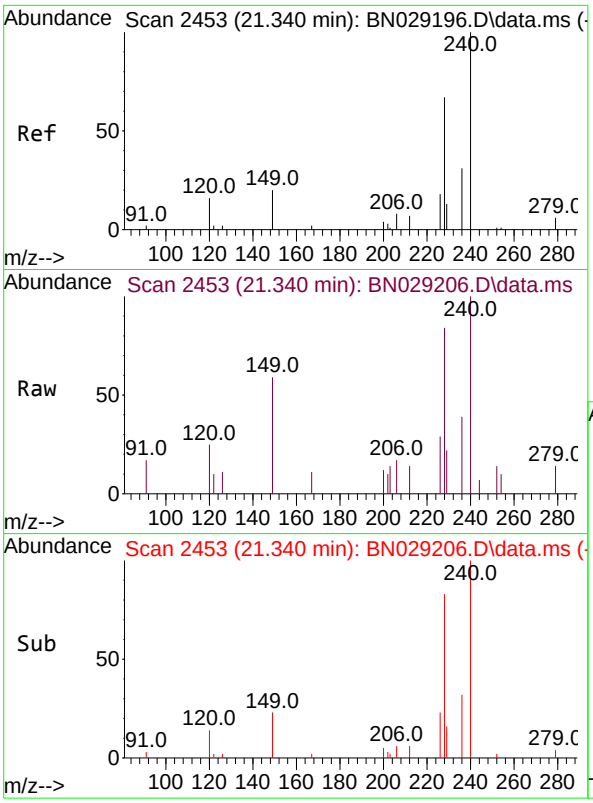


#28
Fluoranthene
Concen: 0.337 ng
RT: 19.201 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:202 Resp: 3468

Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.8	8.6
203	16.3	13.6	20.4



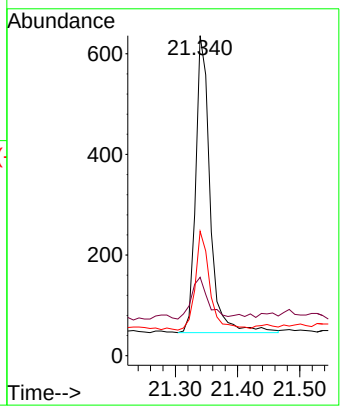


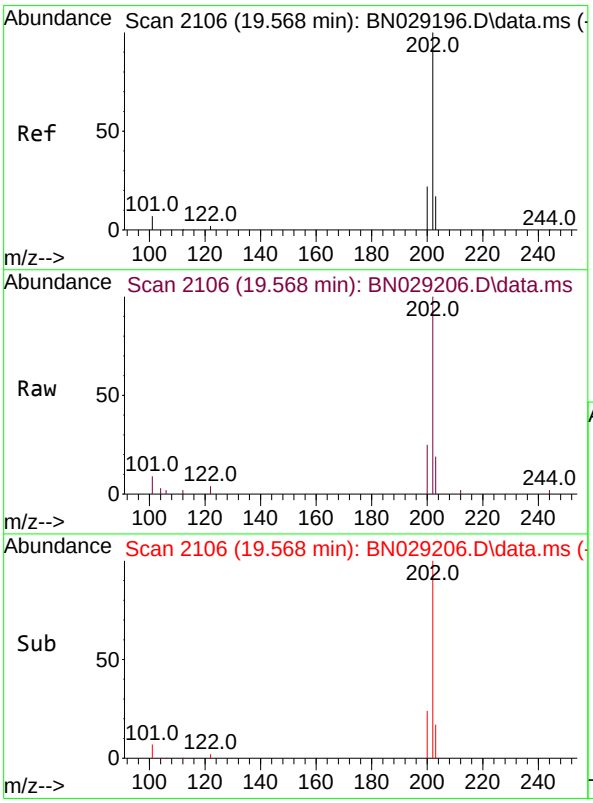
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:240 Resp: 948

Ion	Ratio	Lower	Upper
240	100		
120	24.5	24.6	36.8#
236	38.8	32.0	48.0

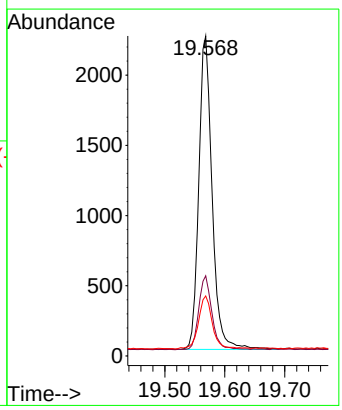


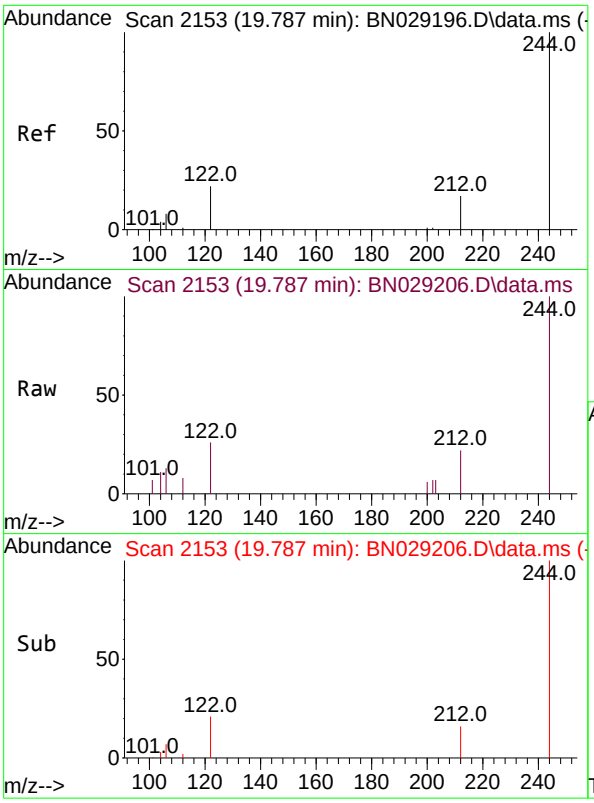


#30
Pyrene
Concen: 0.361 ng
RT: 19.568 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:202 Resp: 3445

Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.2	27.4
203	17.8	14.8	22.2



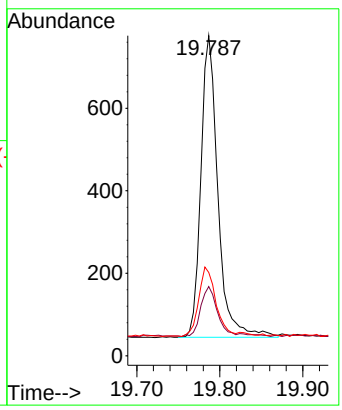


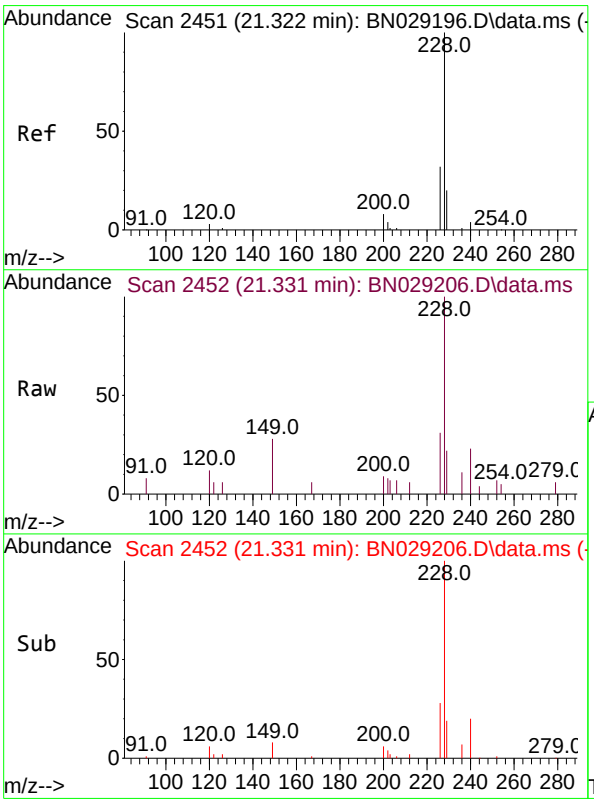
#31
Terphenyl-d14
Concen: 0.355 ng
RT: 19.787 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:244 Resp: 1042

Ion	Ratio	Lower	Upper
244	100		
212	21.6	20.1	30.1
122	26.0	23.9	35.9

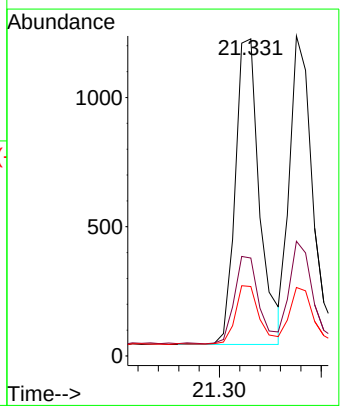


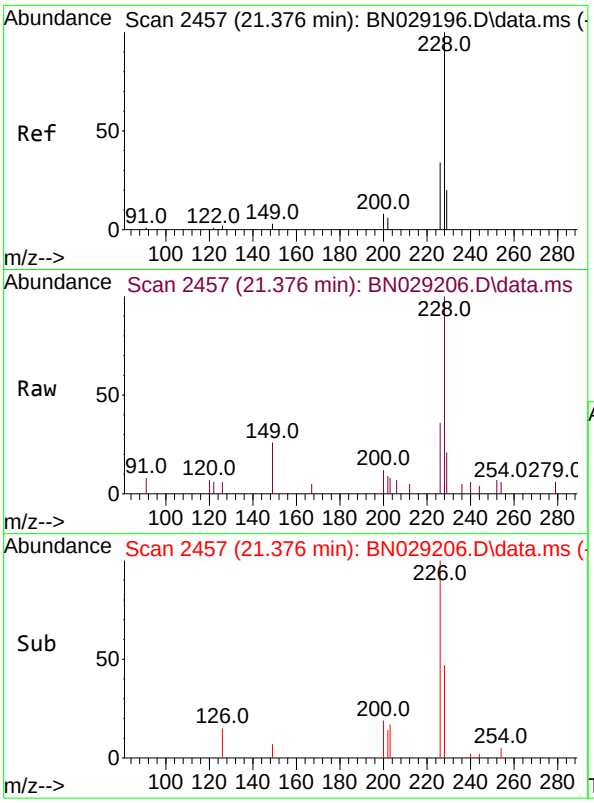


#32
Benzo(a)anthracene
Concen: 0.357 ng
RT: 21.331 min Scan# 2452
Delta R.T. 0.009 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:228 Resp: 1956

Ion	Ratio	Lower	Upper
228	100		
226	30.9	29.0	43.4
229	21.9	20.1	30.1



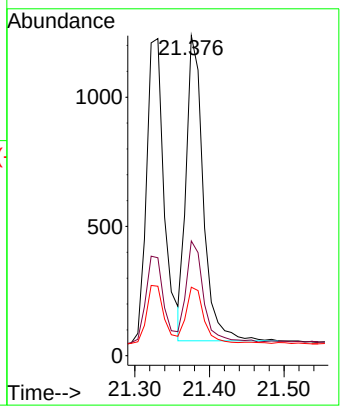


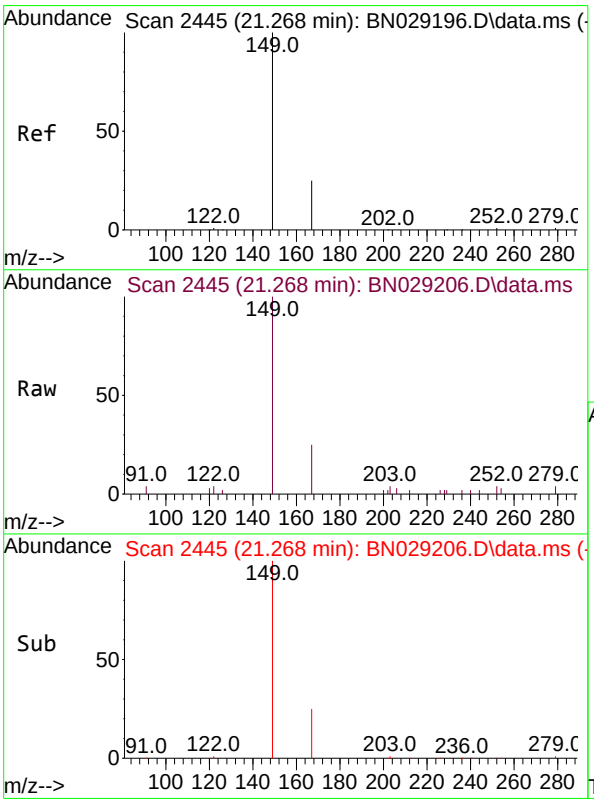
#33
Chrysene
Concen: 0.343 ng
RT: 21.376 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:228 Resp: 1874

Ion	Ratio	Lower	Upper
228	100		
226	35.9	30.4	45.6
229	21.4	19.8	29.6

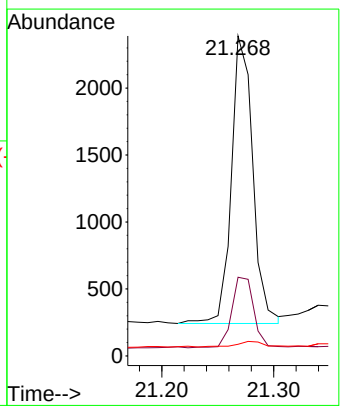


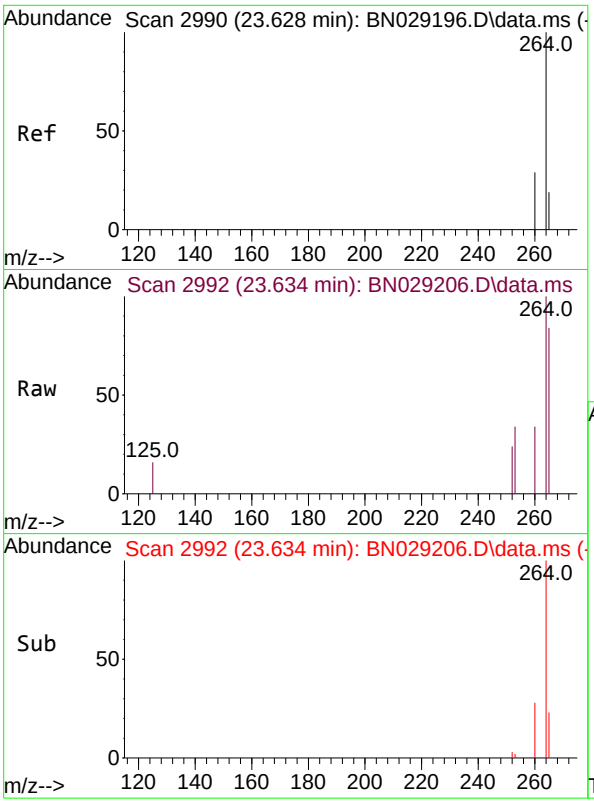


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.360 ng
RT: 21.268 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:149 Resp: 2858

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.7	31.1
279	2.5	2.4	3.6



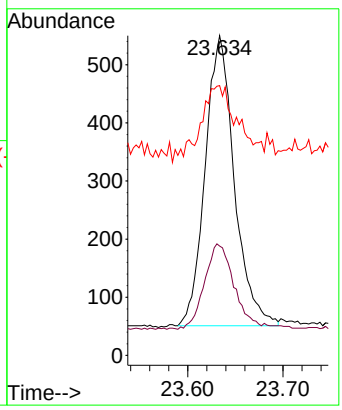


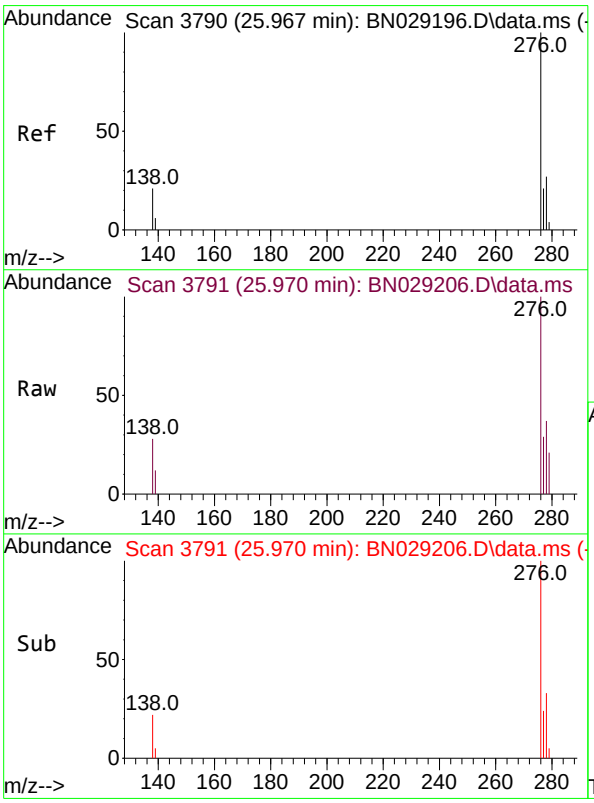
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.634 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:264 Resp: 1062

Ion	Ratio	Lower	Upper
264	100		
260	34.2	30.2	45.4
265	84.4	88.1	132.1#

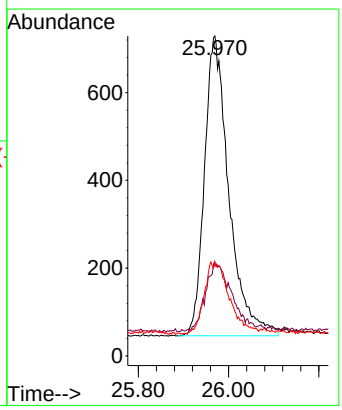


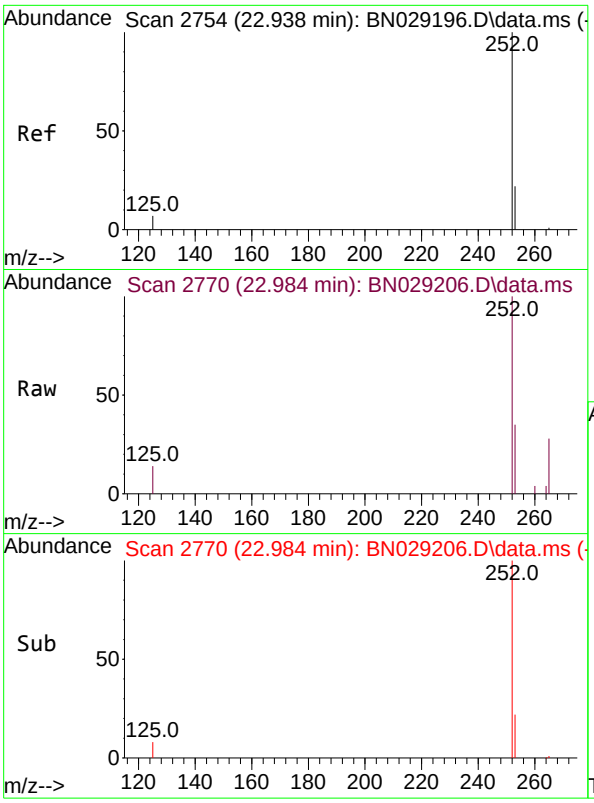


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng
RT: 25.970 min Scan# 3791
Delta R.T. 0.003 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:276 Resp: 2567

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.4	27.6
277	9.6	17.2	25.8#



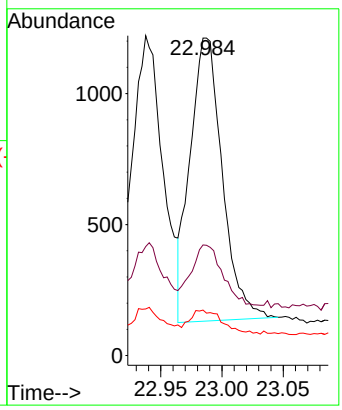


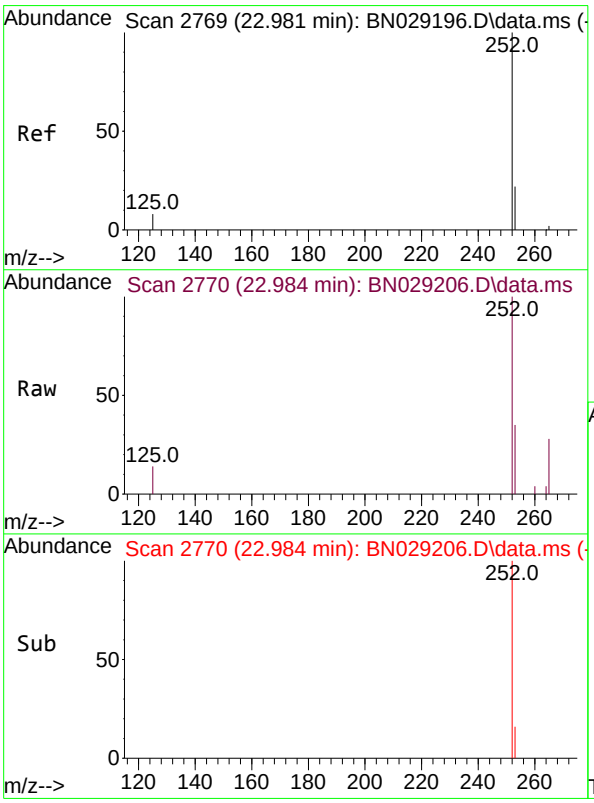
#37
Benzo(b)fluoranthene
Concen: 0.344 ng
RT: 22.984 min Scan# 2
Delta R.T. 0.047 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:252 Resp: 1978

Ion	Ratio	Lower	Upper
252	100		
253	34.8	34.3	51.5
125	14.4	13.4	20.0

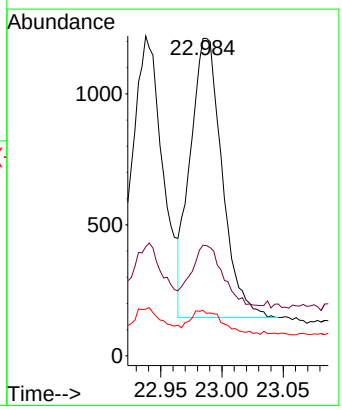


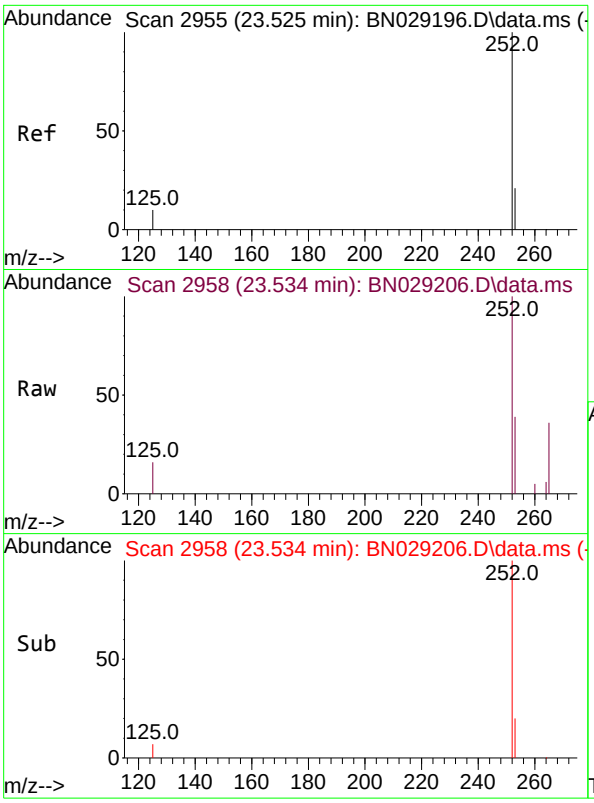


#38
Benzo(k)fluoranthene
Concen: 0.347 ng
RT: 22.984 min Scan# 2770
Delta R.T. 0.003 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:252 Resp: 1929

Ion	Ratio	Lower	Upper
252	100		
253	34.8	33.4	50.0
125	14.4	13.9	20.9



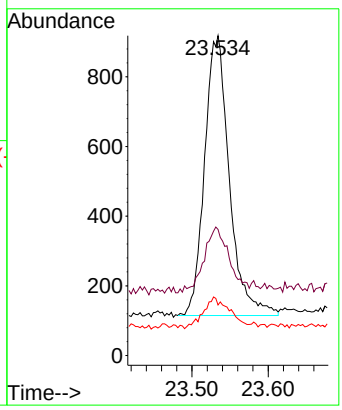


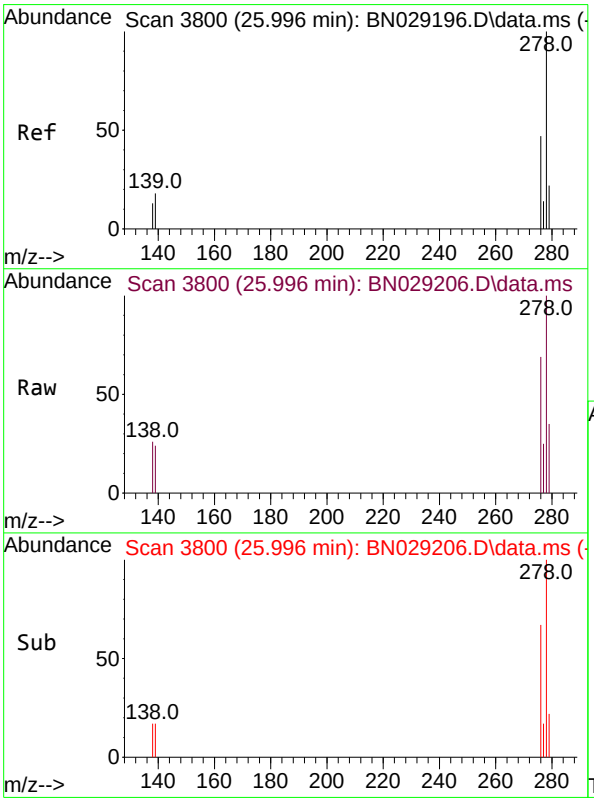
#39
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.534 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:252 Resp: 1811

Ion	Ratio	Lower	Upper
252	100		
253	39.4	38.9	58.3
125	15.8	18.3	27.5#

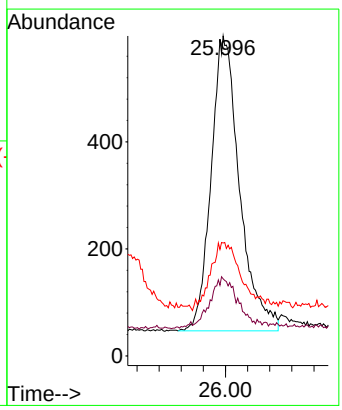


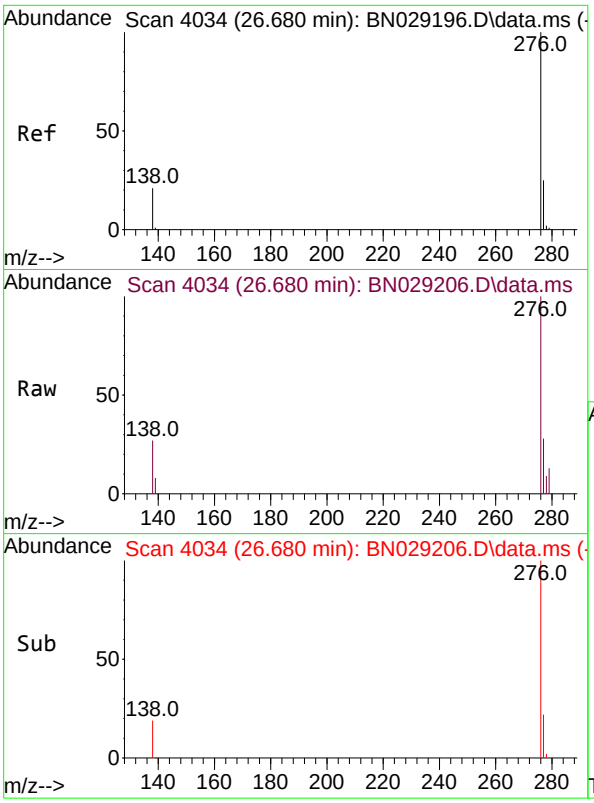


#40
Dibenzo(a,h)anthracene
Concen: 0.349 ng
RT: 25.996 min Scan# 3800
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Tgt Ion:278 Resp: 1968

Ion	Ratio	Lower	Upper
278	100		
139	24.1	22.9	34.3
279	35.3	32.3	48.5





#41
Benzo(g,h,i)perylene
Concen: 0.357 ng
RT: 26.680 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN029206.D
Acq: 28 Dec 2023 10:13

Instrument :
BNA_N
ClientSampleId :
PB158020BS

Tgt Ion:276 Resp: 2227

Ion	Ratio	Lower	Upper
276	100		
277	28.2	26.4	39.6
138	26.7	26.0	39.0