Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031492.D
Acq On : 11 May 2024 10:37
Operator : MA/JU
Sample : P2445-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Quant Time: May 13 01:26:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

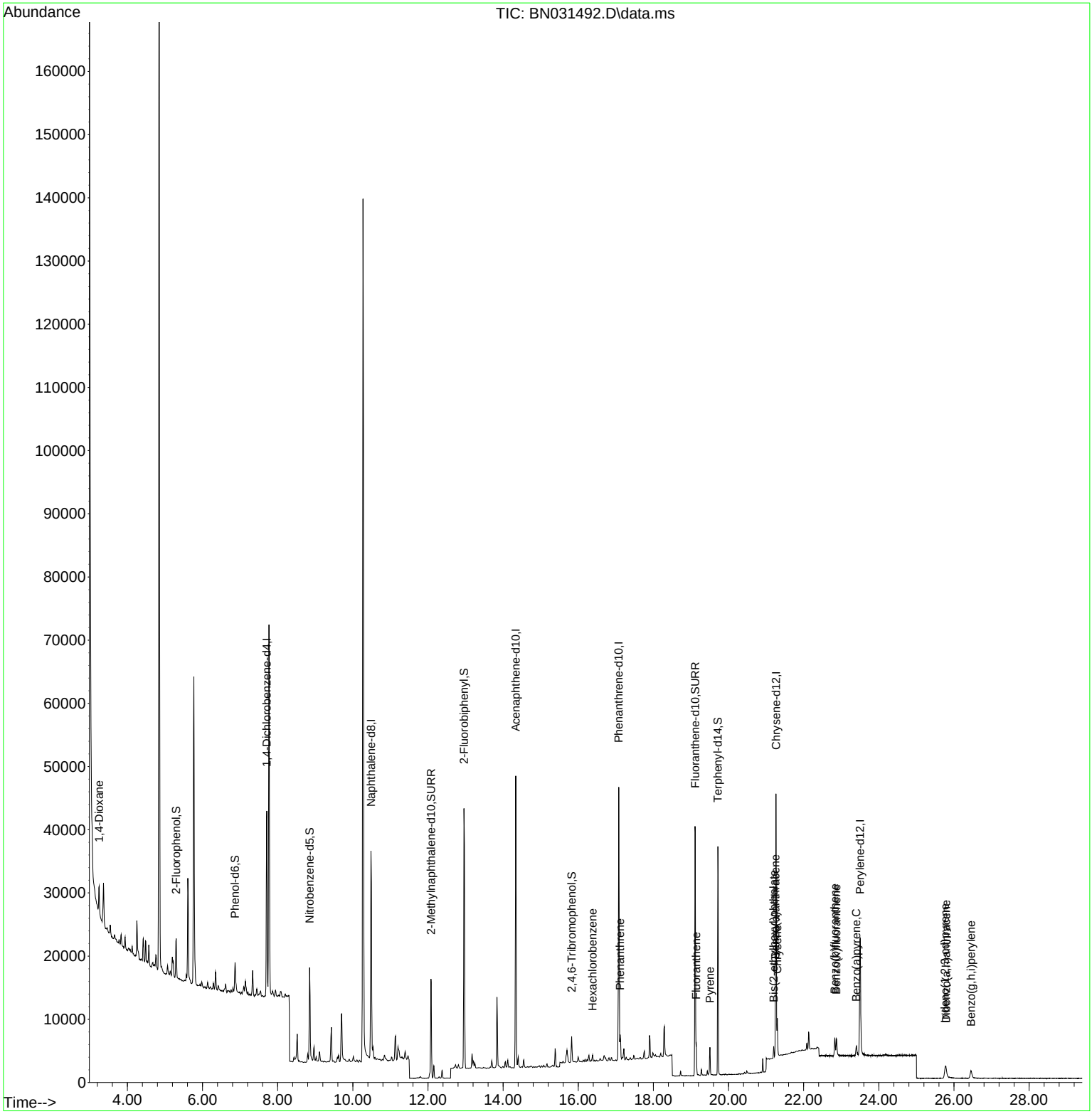
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	14083	0.400	ng	0.00
7) Naphthalene-d8	10.485	136	44166	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	24183	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	52783	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	34829	0.400	ng	0.00
35) Perylene-d12	23.505	264	26629	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	5112	0.128	ng	0.00
5) Phenol-d6	6.866	99	4344	0.081	ng	0.00
8) Nitrobenzene-d5	8.852	82	11663	0.368	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	21904	0.308	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	2228	0.243	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	36286	0.389	ng	-0.02
27) Fluoranthene-d10	19.114	212	42106	0.288	ng	0.00
31) Terphenyl-d14	19.718	244	33874	0.398	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	2768	0.160	ng	# 71
22) Hexachlorobenzene	16.383	284	637	0.020	ng	93
25) Phenanthrene	17.115	178	4426	0.030	ng	100
28) Fluoranthene	19.142	202	4042	0.023	ng	# 94
30) Pyrene	19.504	202	3872	0.027	ng	99
32) Benzo(a)anthracene	21.247	228	3869	0.029	ng	97
33) Chrysene	21.301	228	4663	0.036	ng	98
34) Bis(2-ethylhexyl)phtha...	21.202	149	1849	0.024	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.765	276	3148	0.030	ng	97
37) Benzo(b)fluoranthene	22.829	252	3683	0.039	ng	# 61
38) Benzo(k)fluoranthene	22.873	252	3808	0.042	ng	# 55
39) Benzo(a)pyrene	23.402	252	2501	0.030	ng	# 31
40) Dibenzo(a,h)anthracene	25.791	278	2309	0.027	ng	# 57
41) Benzo(g,h,i)perylene	26.457	276	2792	0.031	ng	# 78

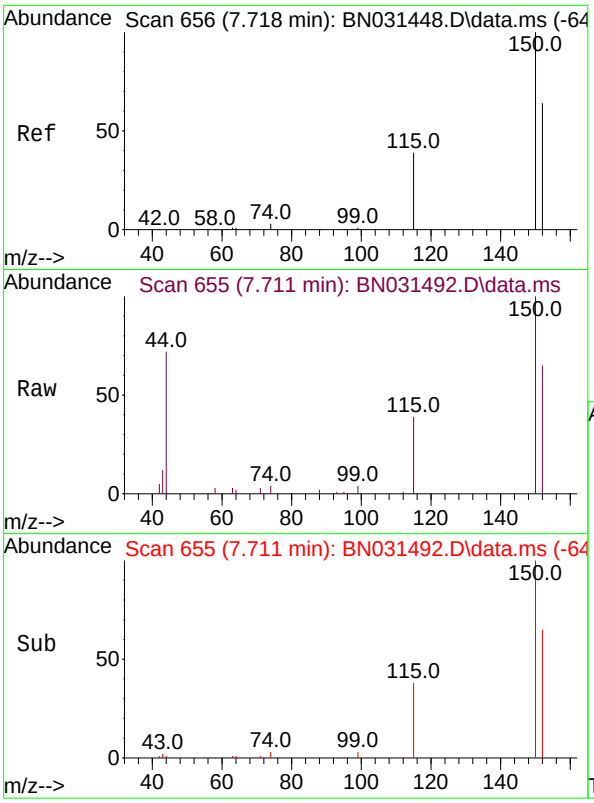
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031492.D
Acq On : 11 May 2024 10:37
Operator : MA/JU
Sample : P2445-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Quant Time: May 13 01:26:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



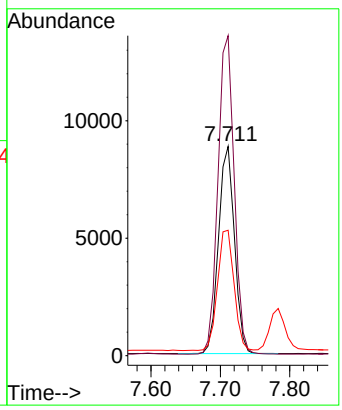


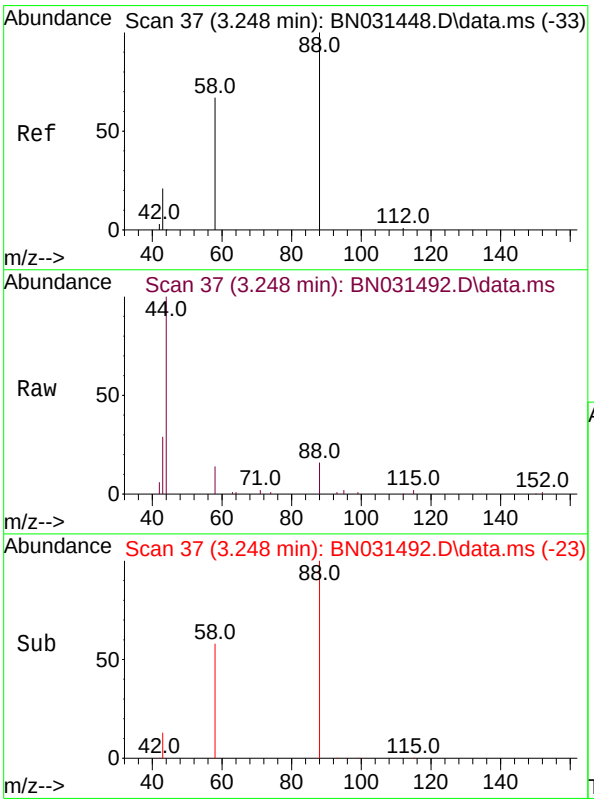
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:152 Resp: 14083

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.3	178.9
115	59.9	54.8	82.2

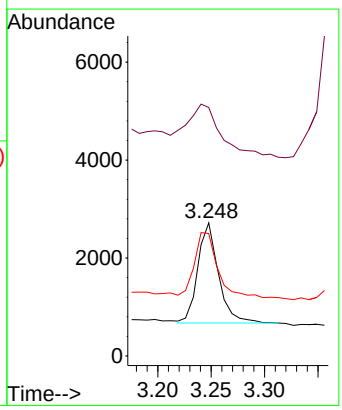


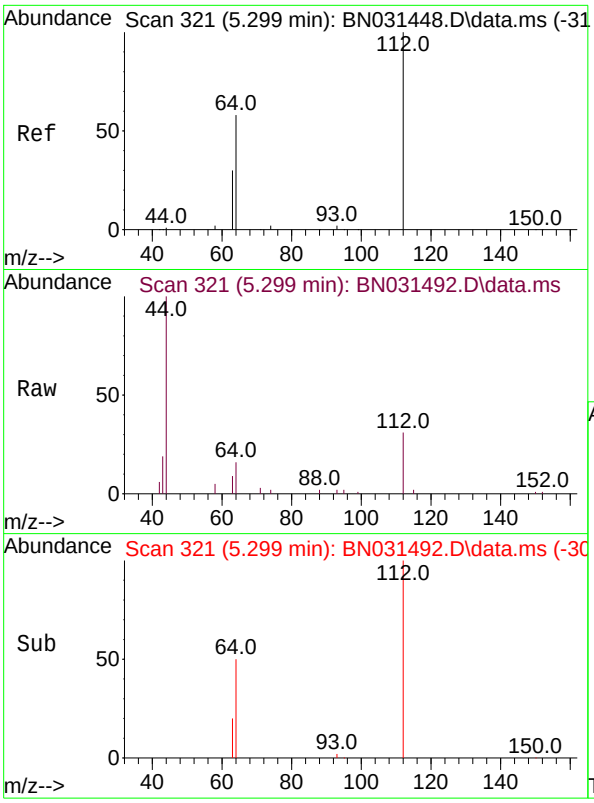


#2
1,4-Dioxane
Concen: 0.160 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion: 88 Resp: 2768

Ion	Ratio	Lower	Upper
88	100		
43	92.0	39.0	58.6#
58	71.9	54.9	82.3



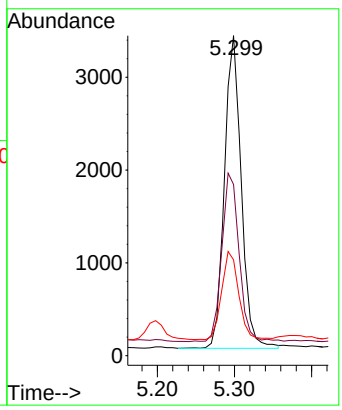


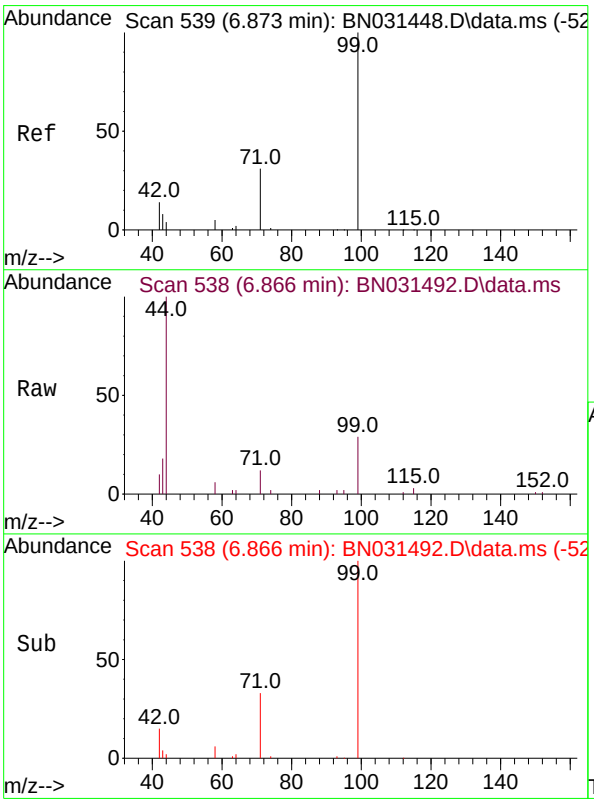
#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.299 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:112 Resp: 5112

Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.0	66.0
63	28.4	22.2	33.4

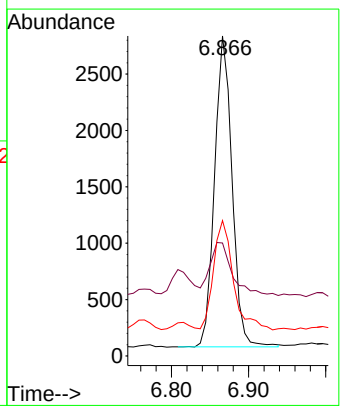


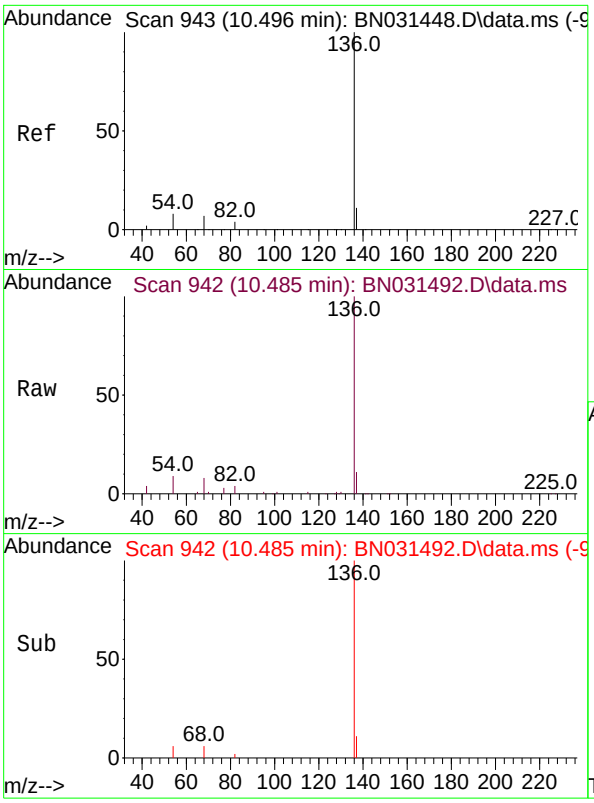


#5
Phenol-d6
Concen: 0.081 ng
RT: 6.866 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion: 99 Resp: 4344

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	39.5	26.1	39.1#



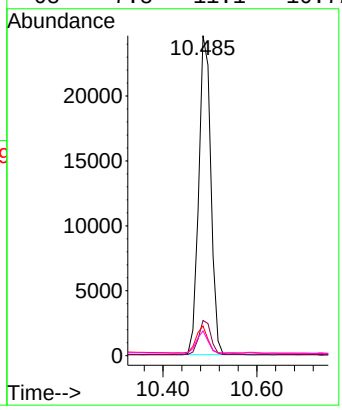


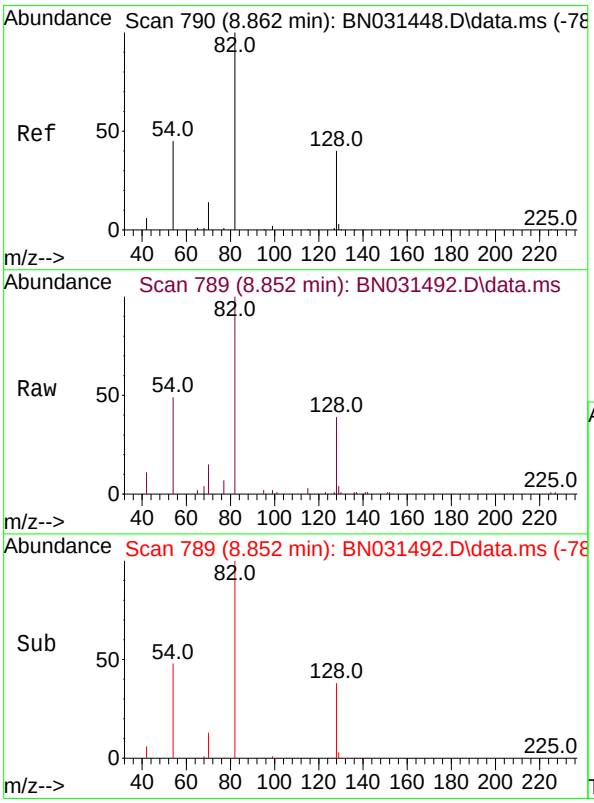
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:136 Resp: 44166

Ion	Ratio	Lower	Upper
136	100		
137	11.0	10.1	15.1
54	9.3	10.5	15.7#
68	7.8	11.1	16.7#

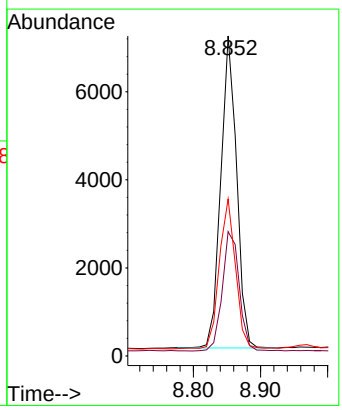


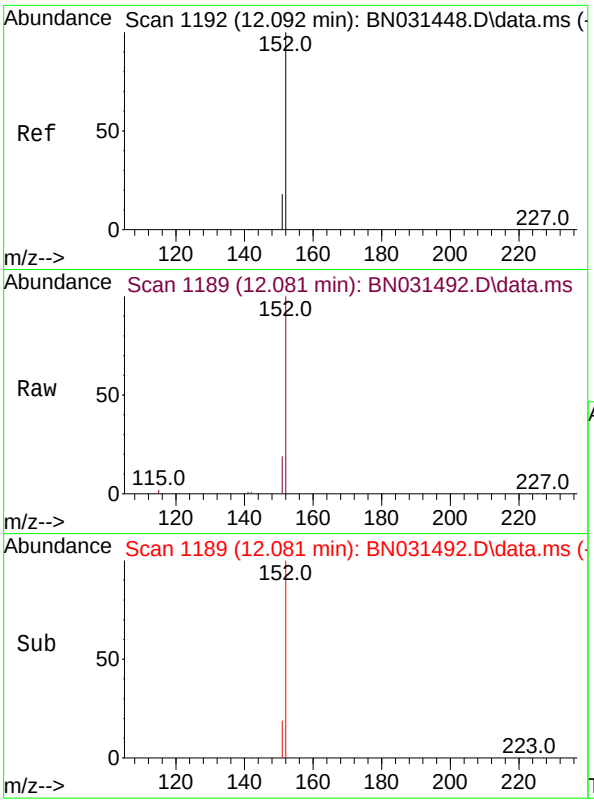


#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion: 82 Resp: 11663

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.0	43.6
54	49.0	37.2	55.8



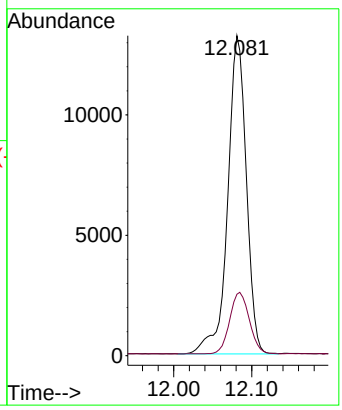


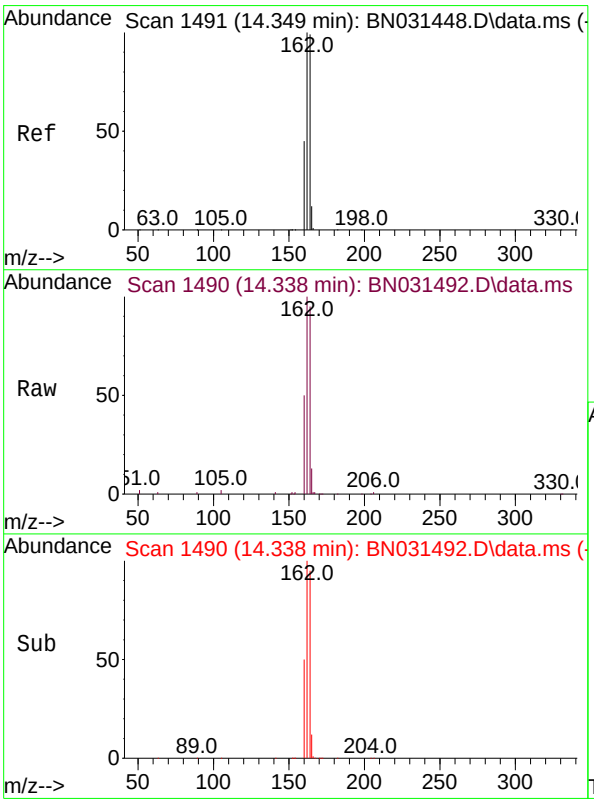
#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.081 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:152 Resp: 21904

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0

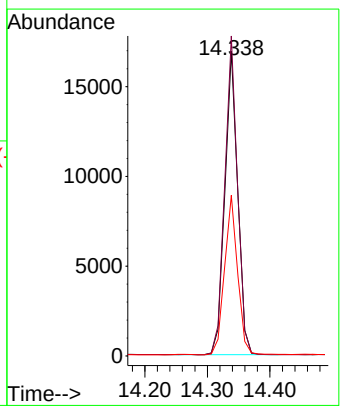


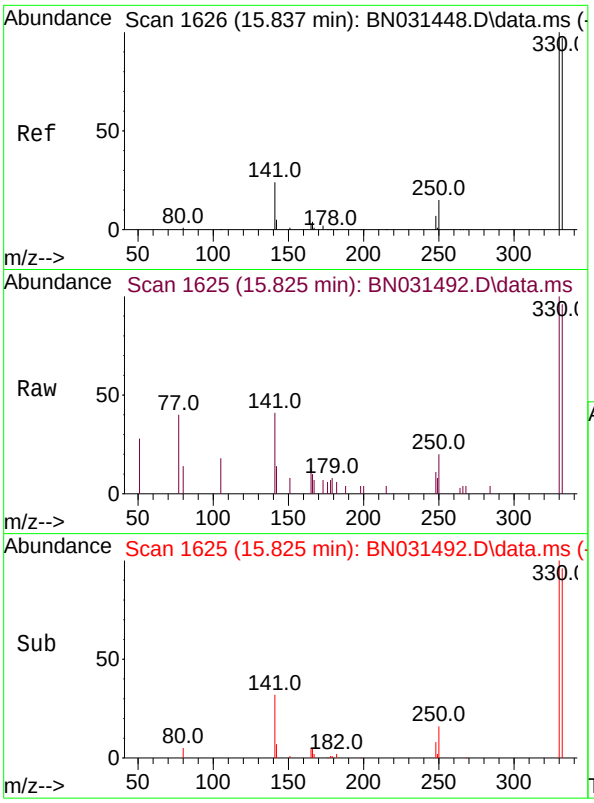


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:164 Resp: 24183

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.2	121.8
160	52.7	37.0	55.6



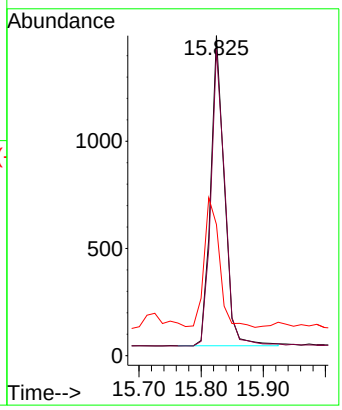


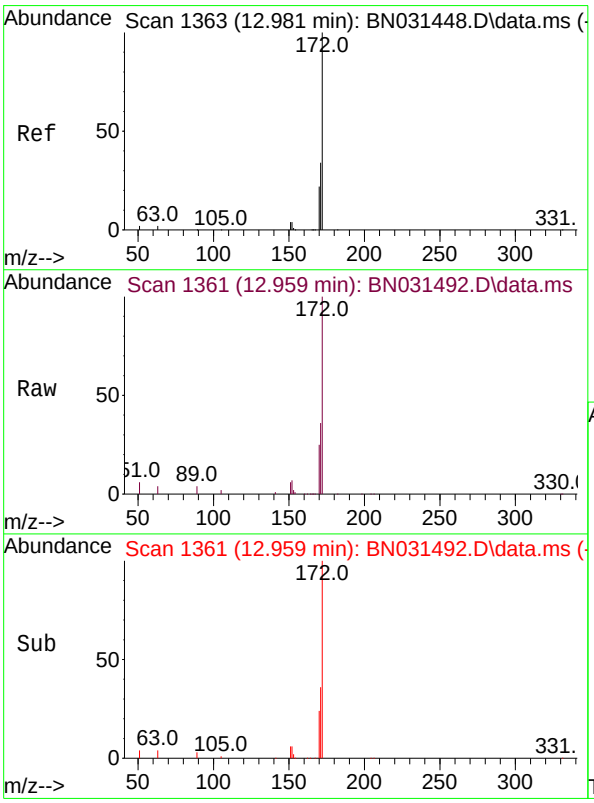
#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.825 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:330 Resp: 2228

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	46.0	37.0	55.4

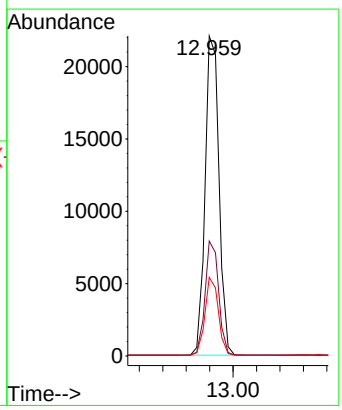


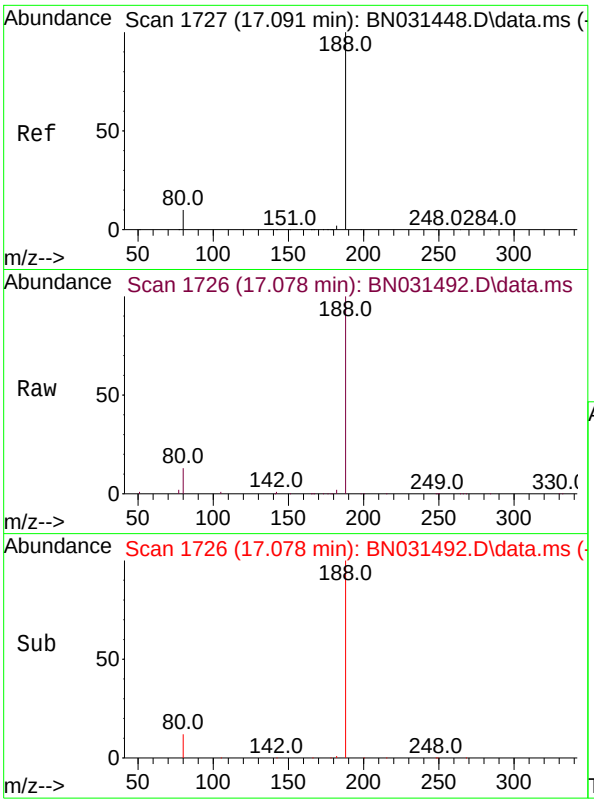


#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.959 min Scan# 1361
Delta R.T. -0.022 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:172 Resp: 36286

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.8
170	24.6	18.3	27.5



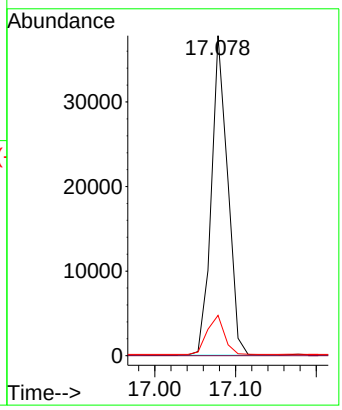


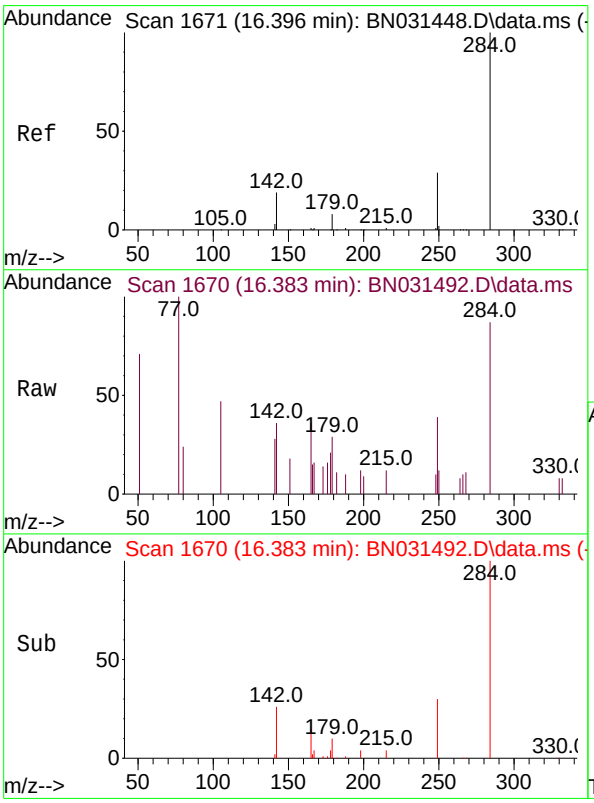
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:188 Resp: 52783

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.6	9.6	14.4

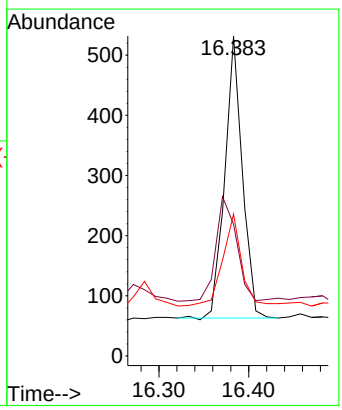


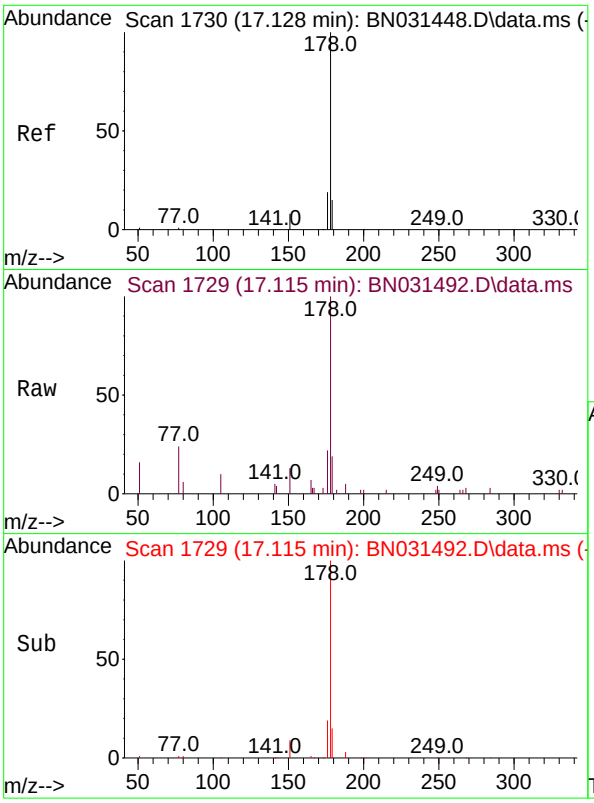


#22
Hexachlorobenzene
Concen: 0.020 ng
RT: 16.383 min Scan# 1670
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:284 Resp: 637

Ion	Ratio	Lower	Upper
284	100		
142	43.8	31.0	46.6
249	34.9	25.5	38.3



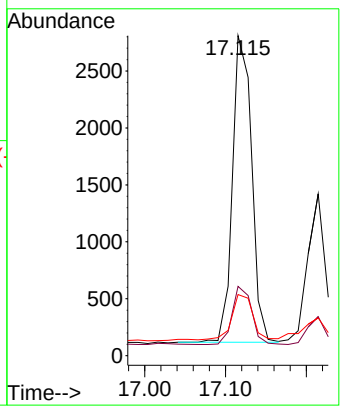


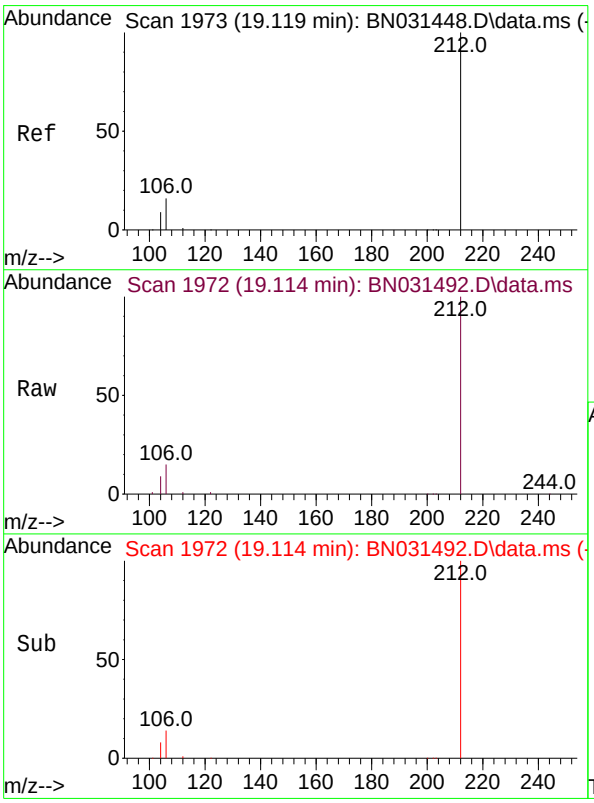
#25
Phenanthrene
Concen: 0.030 ng
RT: 17.115 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:178 Resp: 4426

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.5	12.3	18.5

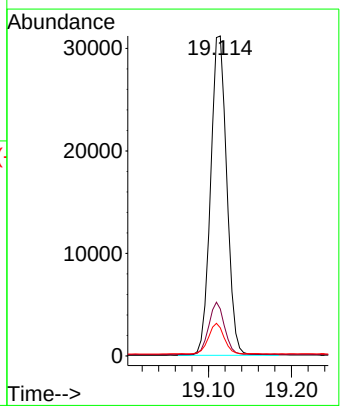


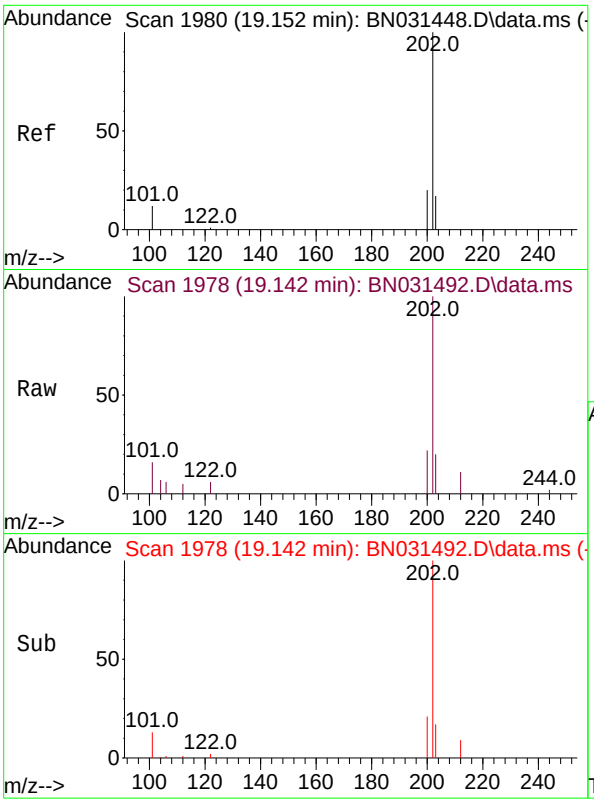


#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.114 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:212 Resp: 42106

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.0	18.0
104	9.1	6.9	10.3



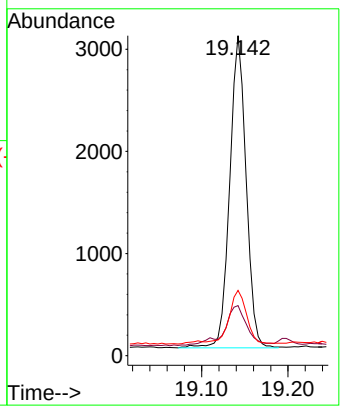


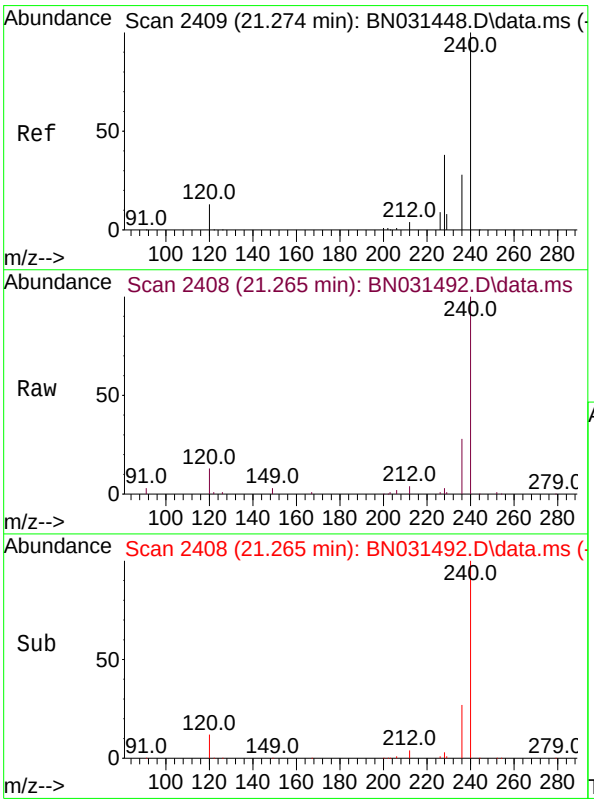
#28
Fluoranthene
Concen: 0.023 ng
RT: 19.142 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:202 Resp: 4042

Ion	Ratio	Lower	Upper
202	100		
101	17.7	9.8	14.6#
203	17.7	13.8	20.8

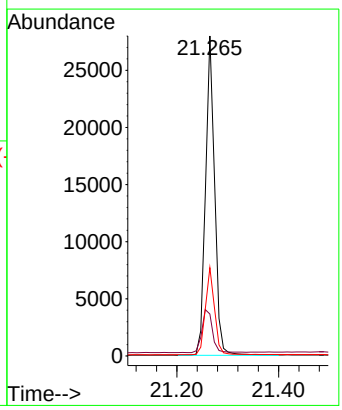


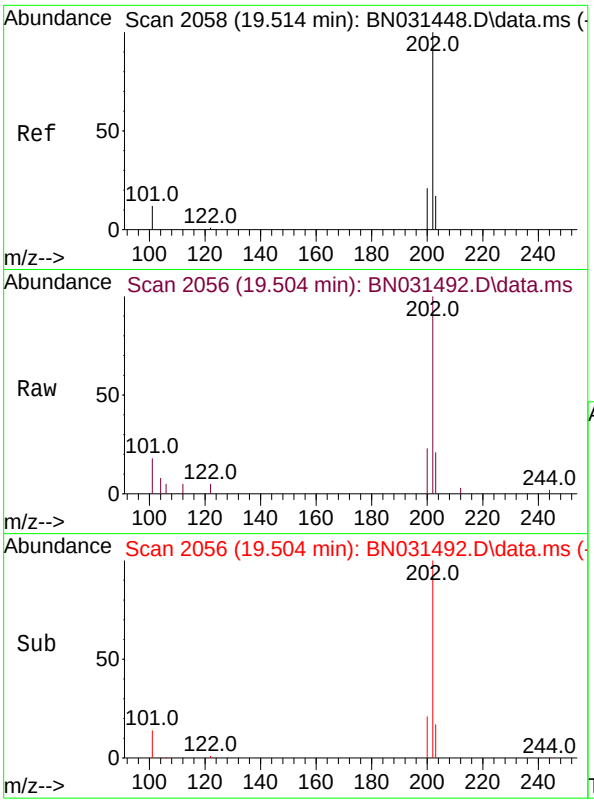


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:240 Resp: 34829

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.4	17.2
236	27.6	22.2	33.4



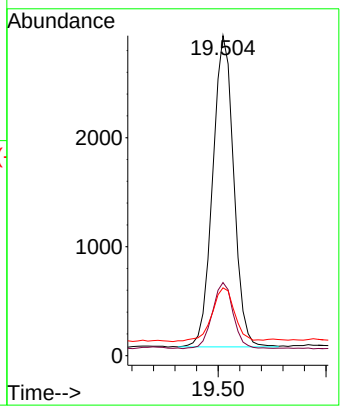


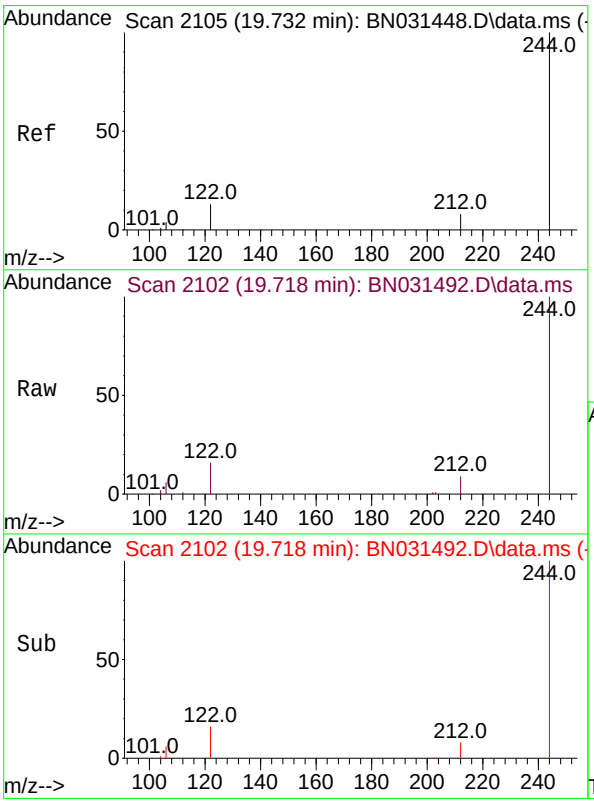
#30
Pyrene
Concen: 0.027 ng
RT: 19.504 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:202 Resp: 3872

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.7	14.3	21.5

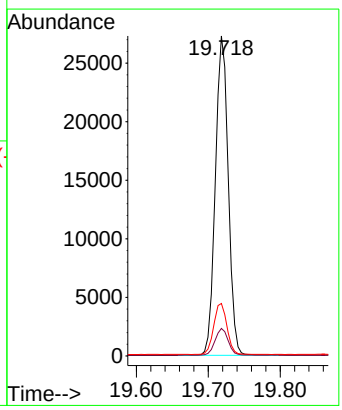


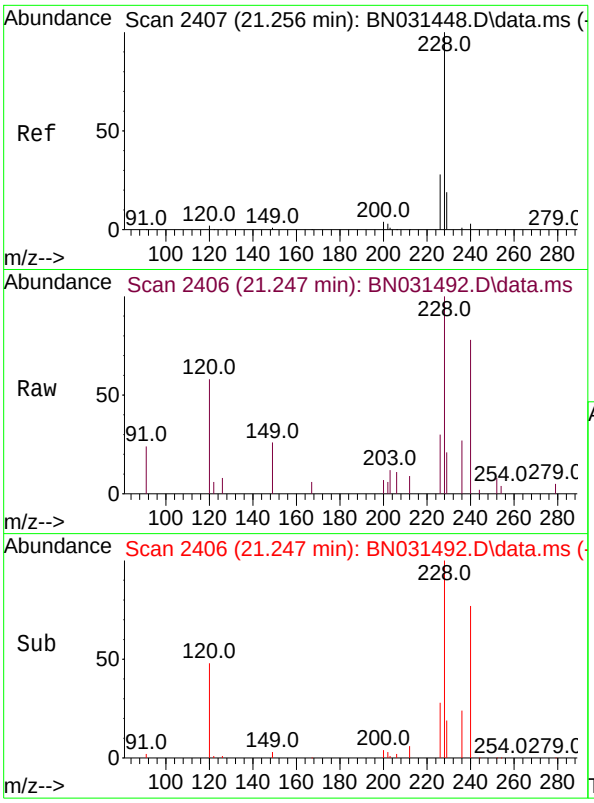


#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.718 min Scan# 2102
Delta R.T. -0.014 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:244 Resp: 33874

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	16.4	11.4	17.2



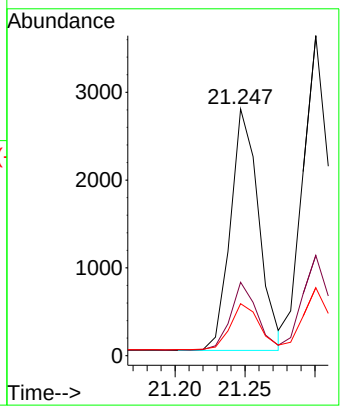


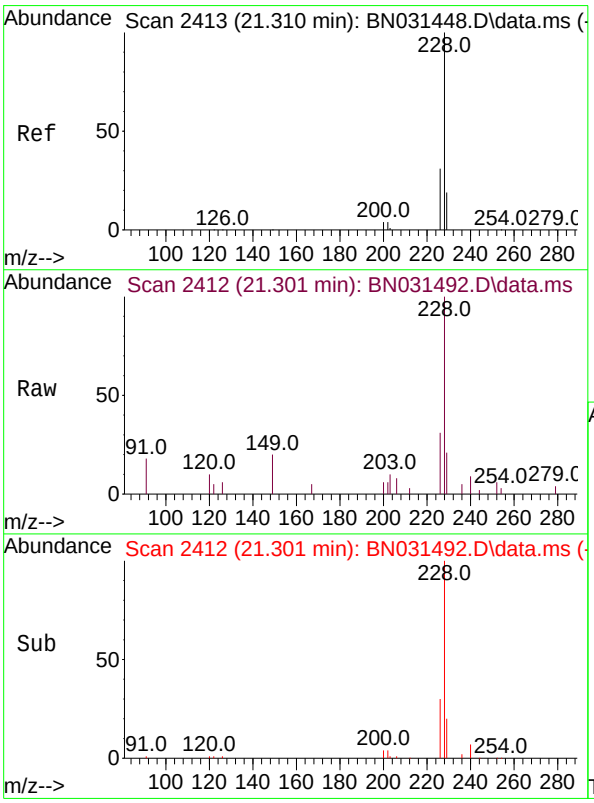
#32
Benzo(a)anthracene
Concen: 0.029 ng
RT: 21.247 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:228 Resp: 3869

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.4	33.6
229	21.1	15.5	23.3

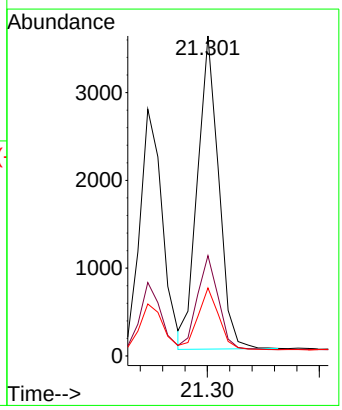


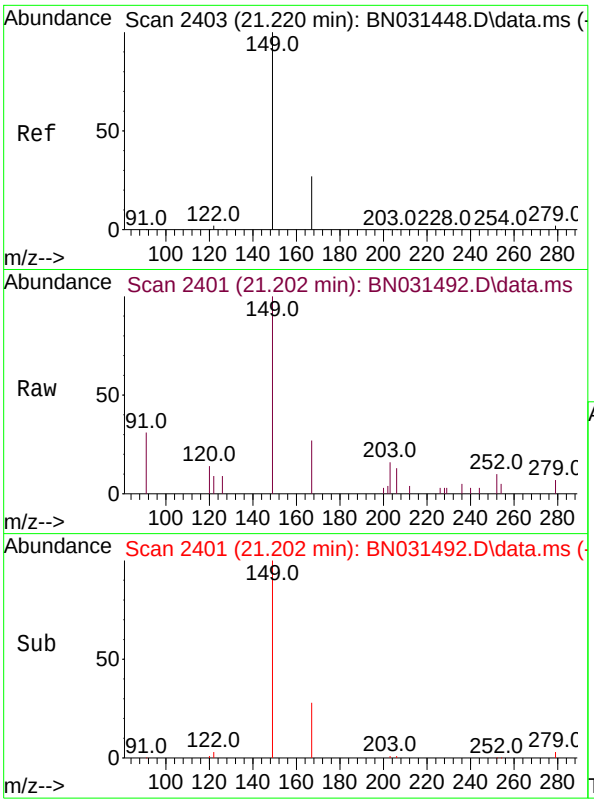


#33
Chrysene
Concen: 0.036 ng
RT: 21.301 min Scan# 2412
Delta R.T. -0.009 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:228 Resp: 4663

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	21.3	15.8	23.8



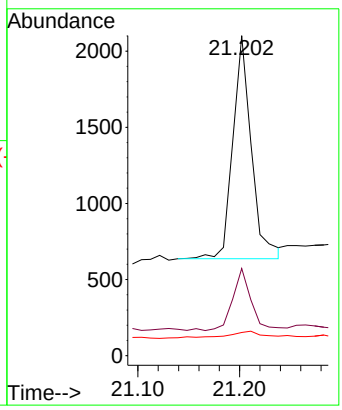


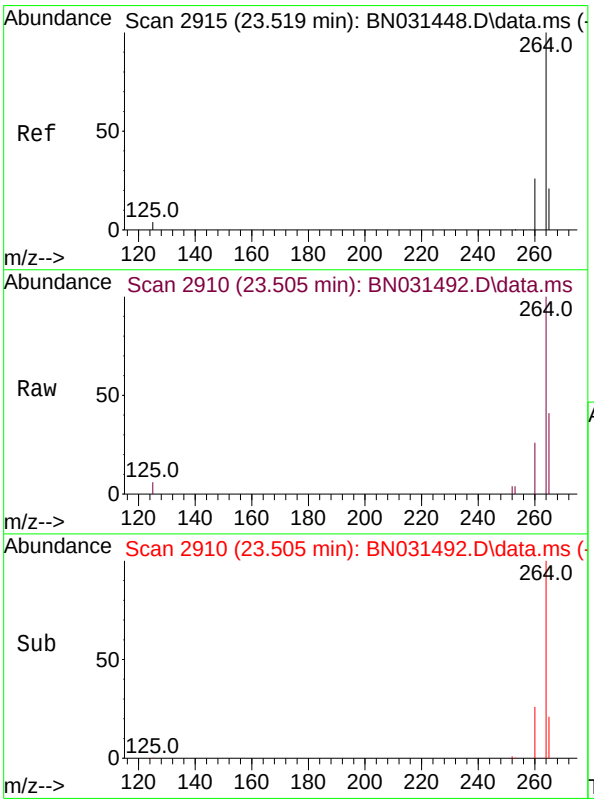
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.024 ng
RT: 21.202 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:149 Resp: 1849

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	6.3	2.7	4.1#

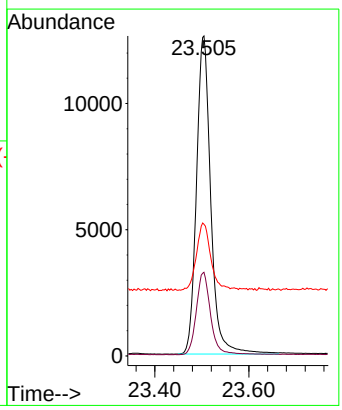


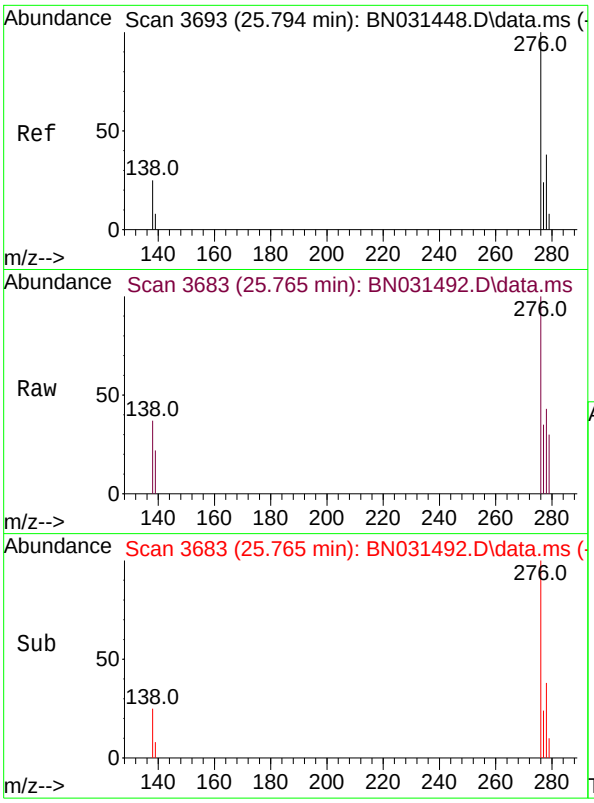


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2910
Delta R.T. -0.015 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:264 Resp: 26629

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.6	31.0
265	41.2	24.0	36.0#



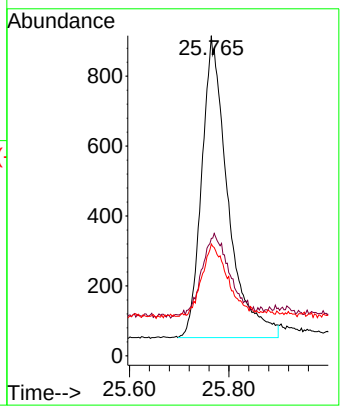


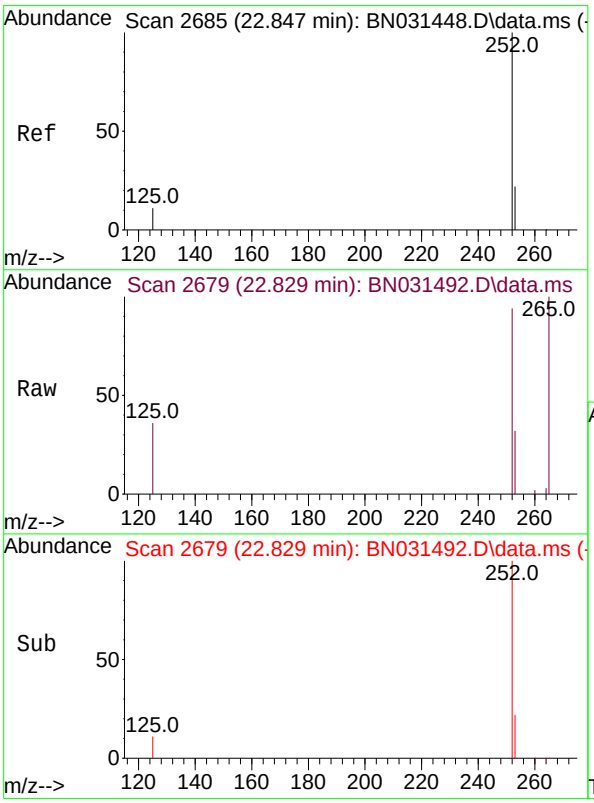
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng
RT: 25.765 min Scan# 3
Delta R.T. -0.029 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:276 Resp: 3148

Ion	Ratio	Lower	Upper
276	100		
138	27.6	23.0	34.6
277	22.6	19.9	29.9

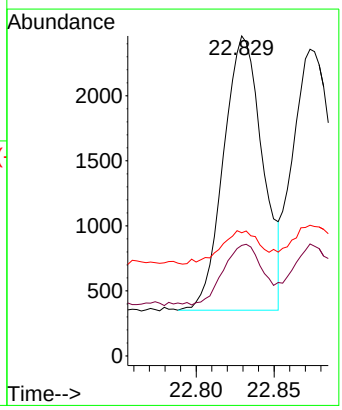


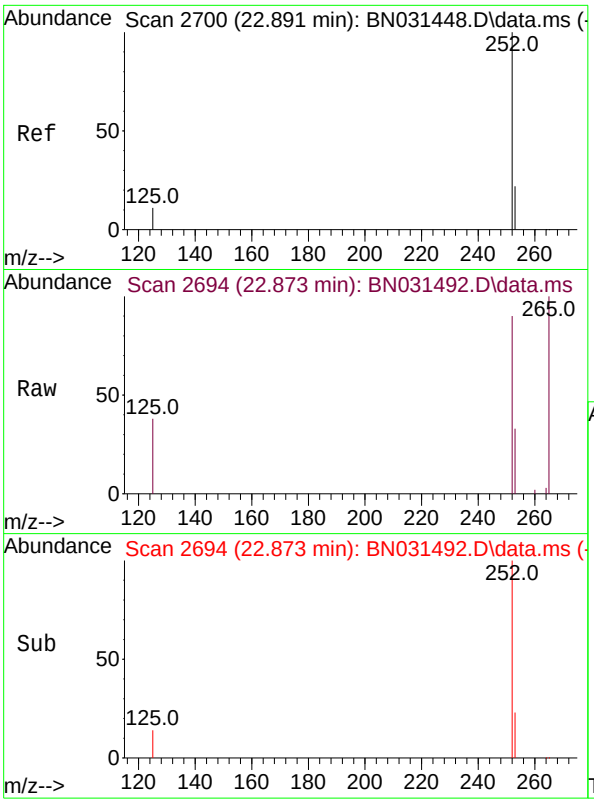


#37
Benzo(b)fluoranthene
Concen: 0.039 ng
RT: 22.829 min Scan# 2679
Delta R.T. -0.018 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:252 Resp: 3683

Ion	Ratio	Lower	Upper
252	100		
253	34.6	18.2	27.4#
125	38.5	10.5	15.7#



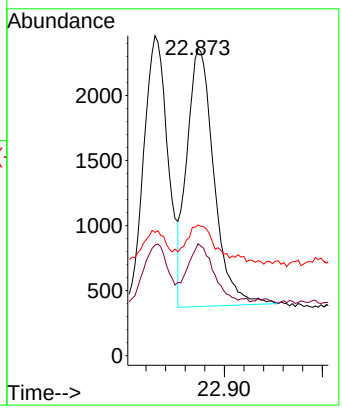


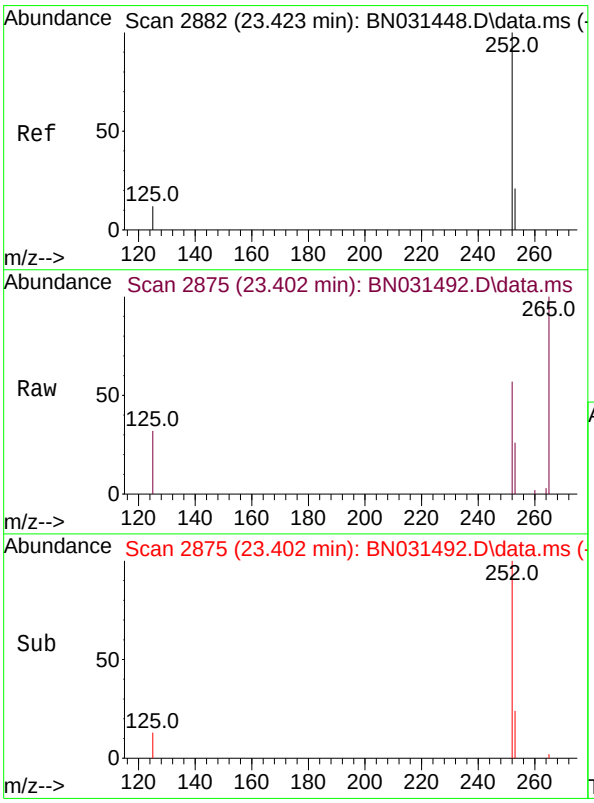
#38
Benzo(k)fluoranthene
Concen: 0.042 ng
RT: 22.873 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:252 Resp: 3808

Ion	Ratio	Lower	Upper
252	100		
253	36.5	18.2	27.2#
125	42.6	11.0	16.6#

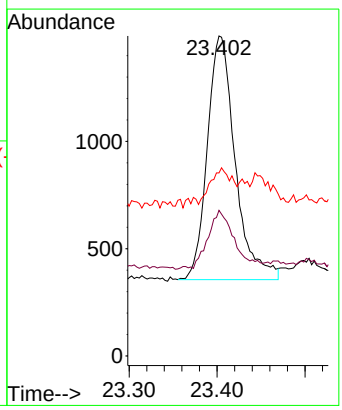


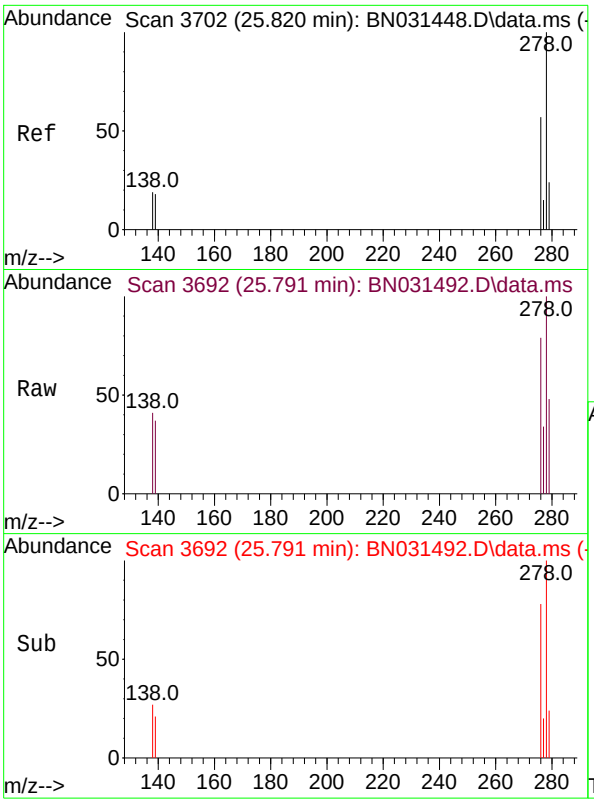


#39
Benzo(a)pyrene
Concen: 0.030 ng
RT: 23.402 min Scan# 2875
Delta R.T. -0.021 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:252 Resp: 2501

Ion	Ratio	Lower	Upper
252	100		
253	45.5	18.2	27.2#
125	57.2	11.9	17.9#



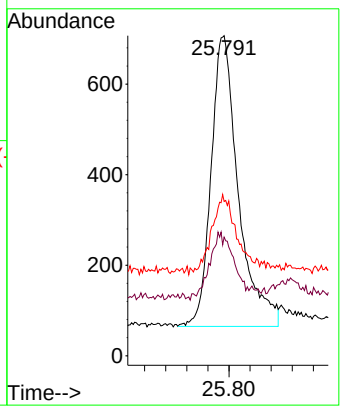


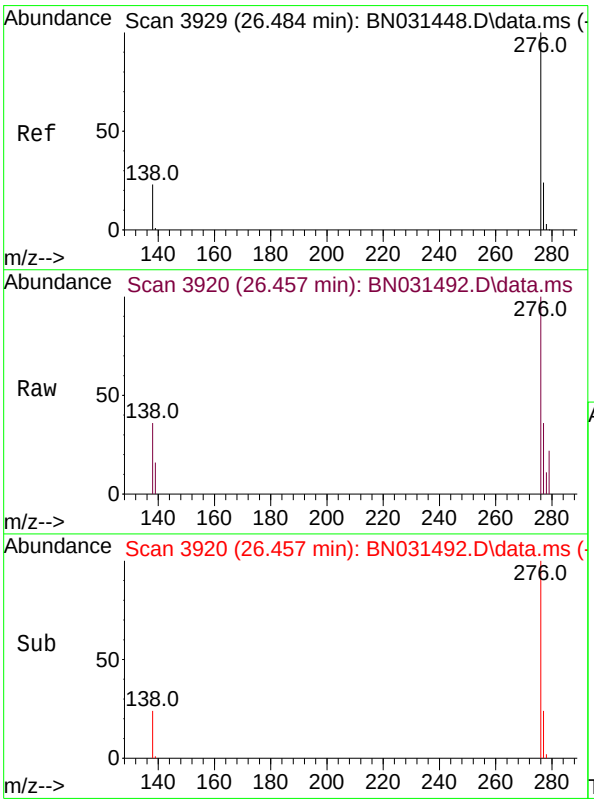
#40
Dibenzo(a,h)anthracene
Concen: 0.027 ng
RT: 25.791 min Scan# 3
Delta R.T. -0.029 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Instrument :
BNA_N
ClientSampleId :
RMW-04B-92.5-050924-FD

Tgt Ion:278 Resp: 2309

Ion	Ratio	Lower	Upper
278	100		
139	37.1	15.9	23.9#
279	48.2	19.8	29.8#





#41
Benzo(g,h,i)perylene
Concen: 0.031 ng
RT: 26.457 min Scan# 3920
Delta R.T. -0.026 min
Lab File: BN031492.D
Acq: 11 May 2024 10:37

Tgt Ion:276 Resp: 2792

Ion	Ratio	Lower	Upper
276	100		
277	35.6	19.4	29.0#
138	36.1	20.4	30.6#