Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031429.D
Acq On : 07 May 2024 19:30
Operator : MA/JU
Sample : P2394-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Quant Time: May 08 00:03:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	6031	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	17851	0.400	ng	0.00
13) Acenaphthene-d10	14.210	164	5587	0.400	ng	0.00
19) Phenanthrene-d10	16.966	188	12418	0.400	ng	0.00
29) Chrysene-d12	21.166	240	11970	0.400	ng	# 0.00
35) Perylene-d12	23.355	264	13667	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	108	0.008	ng	0.00
5) Phenol-d6	6.787	99	65	0.004	ng	0.04
8) Nitrobenzene-d5	8.723	82	2423	0.155	ng	0.01
11) 2-Methylnaphthalene-d10	11.941	152	5655	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	182	0.072	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	8557	0.414	ng	0.00
27) Fluoranthene-d10	19.007	212	9962	0.297	ng	0.00
31) Terphenyl-d14	19.616	244	8750	0.288	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.103	88	260	0.036	ng	# 1
3) n-Nitrosodimethylamine	3.399	42	204	0.028	ng	# 1
9) Naphthalene	10.389	128	1429	0.029	ng	# 85
12) 2-Methylnaphthalene	12.013	142	90	0.173	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.332	198	5	0.025	ng	# 1
24) Pentachlorophenol	16.631	266	1	0.164	ng	# 1
30) Pyrene	19.402	202	647	Below Cal		97
33) Chrysene	21.211	228	899	0.021	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.094	149	6118	0.280	ng	# 73
36) Indeno(1,2,3-cd)pyrene	25.542	276	1256	0.023	ng	# 86
37) Benzo(b)fluoranthene	22.700	252	1116	0.021	ng	# 23
38) Benzo(k)fluoranthene	22.747	252	1137	0.022	ng	# 21
40) Dibenzo(a,h)anthracene	25.563	278	884	0.020	ng	# 19
41) Benzo(g,h,i)perylene	26.215	276	1131	0.026	ng	# 68

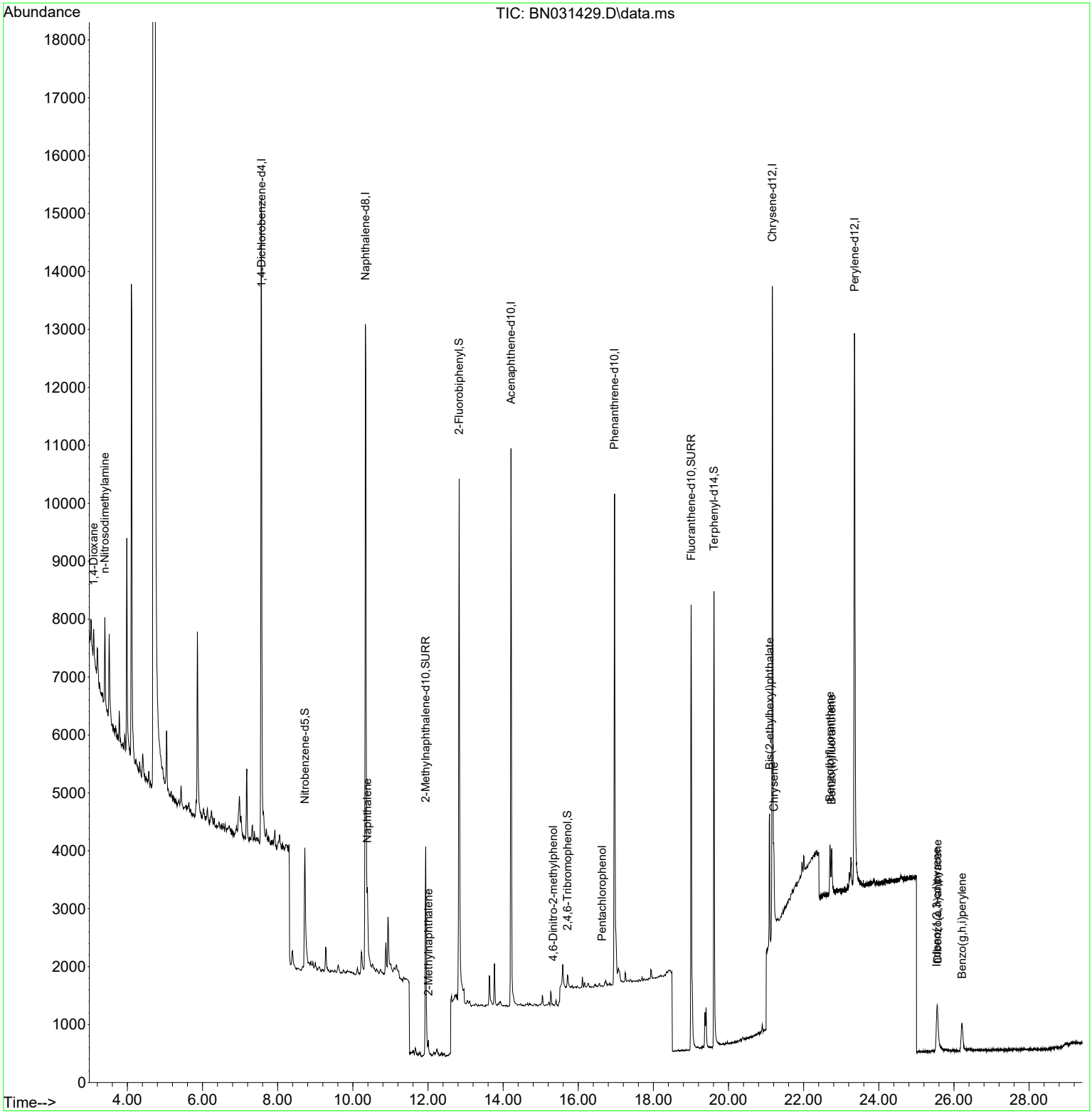
(#) = qualifier out of range (m) = manual integration (+) = signals summed

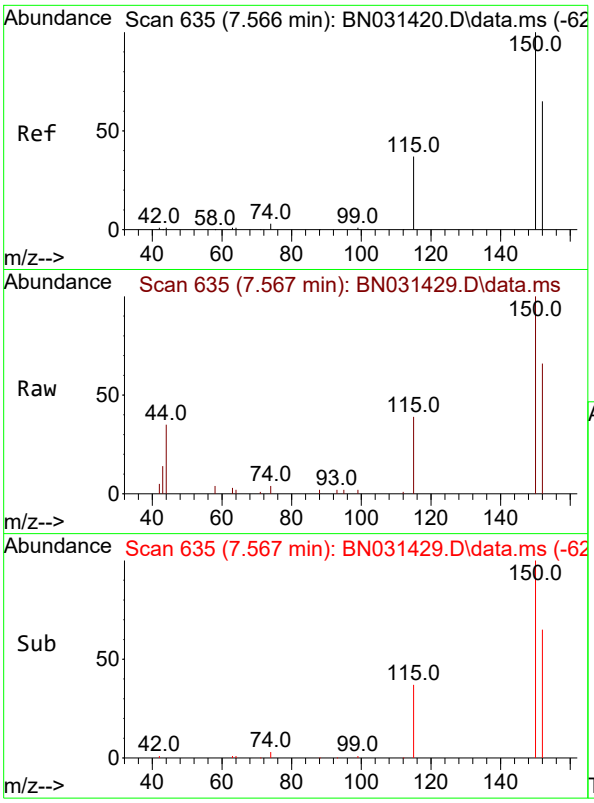
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050724\
Data File : BN031429.D
Acq On : 07 May 2024 19:30
Operator : MA/JU
Sample : P2394-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Quant Time: May 08 00:03:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration



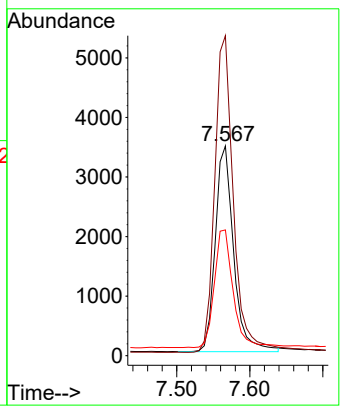


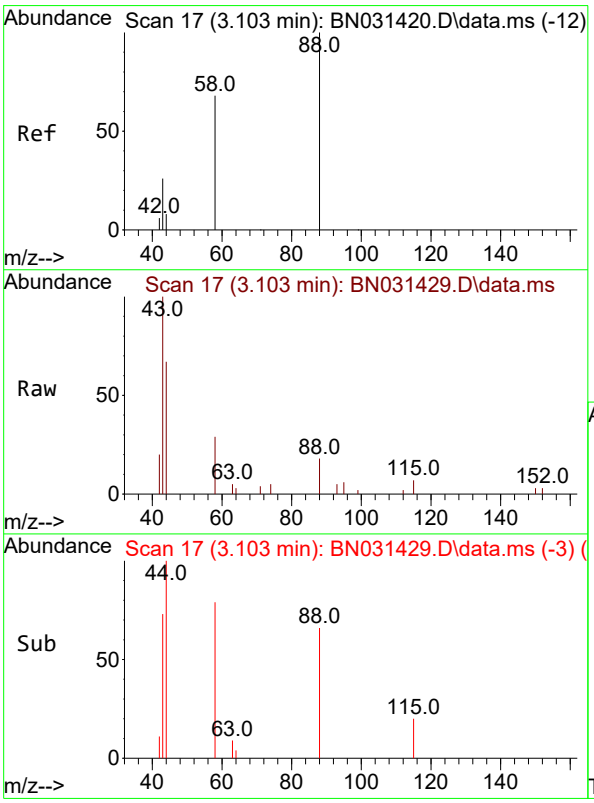
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.567 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:152 Resp: 6031

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.2	183.2
115	60.0	47.8	71.6

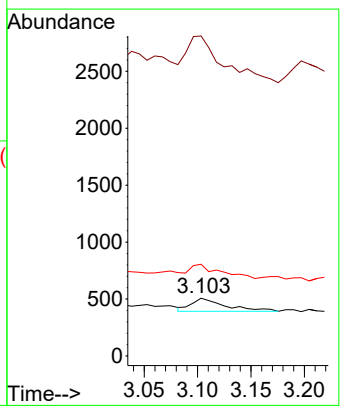


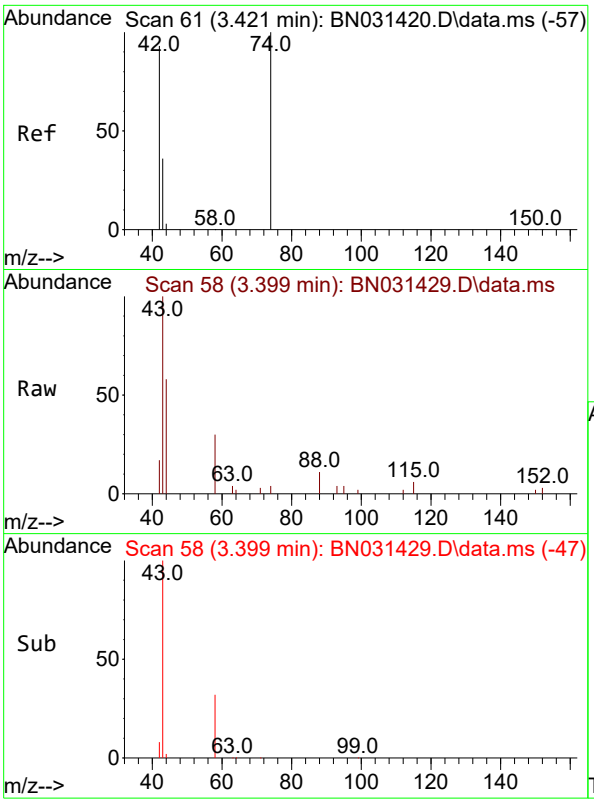


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 3.103 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion: 88 Resp: 260

Ion	Ratio	Lower	Upper
88	100		
43	371.2	23.8	35.8#
58	87.7	54.6	81.8#



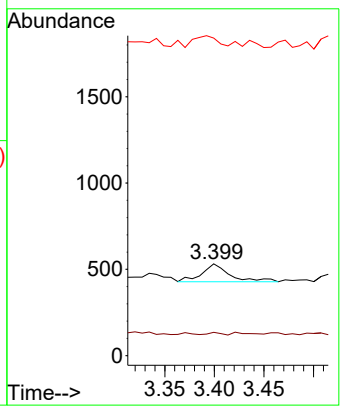


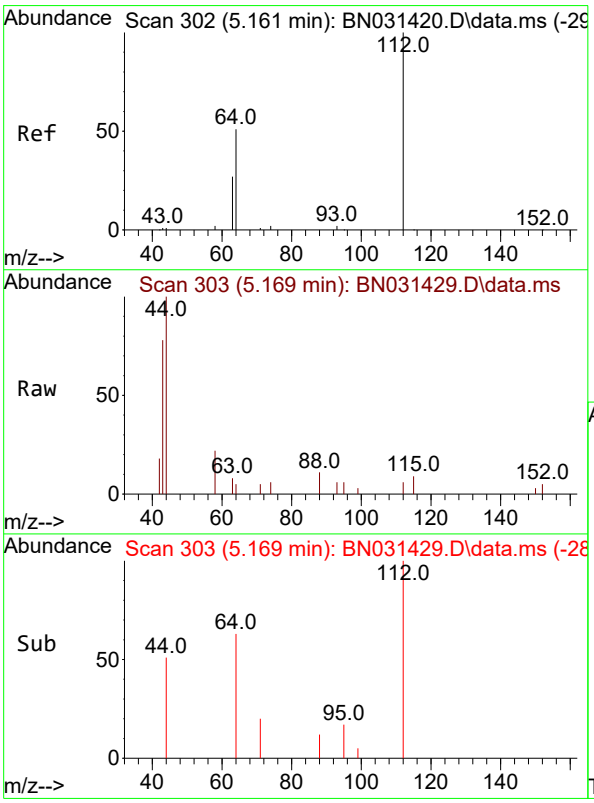
#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.399 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion: 42 Resp: 204

Ion	Ratio	Lower	Upper
42	100		
74	6.4	101.7	152.5#
44	54.4	5.3	7.9#

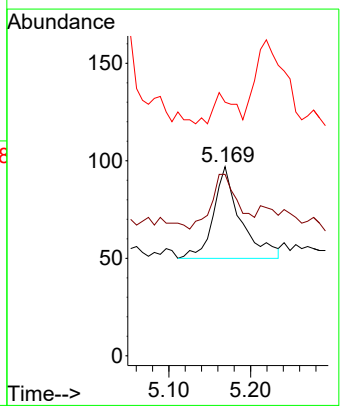


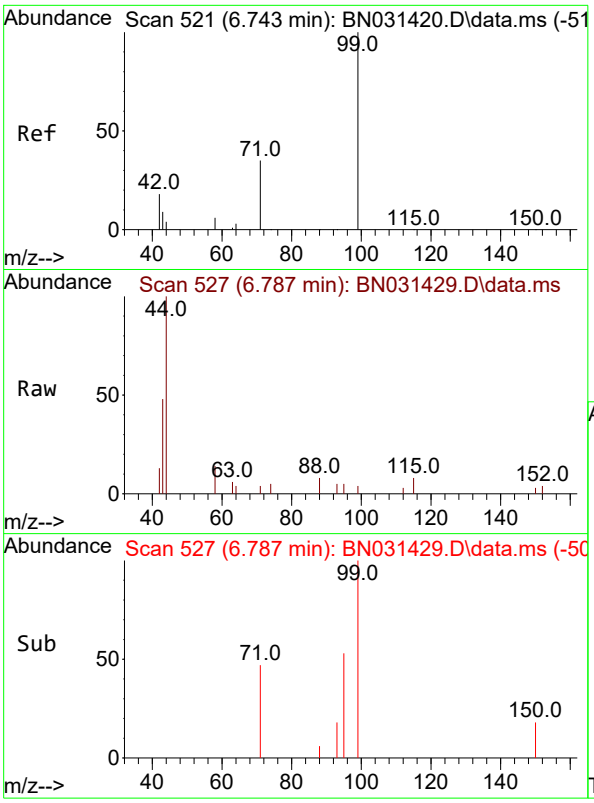


#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.169 min Scan# 303
Delta R.T. 0.007 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:112 Resp: 108

Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.4	63.6
63	24.1	22.6	34.0



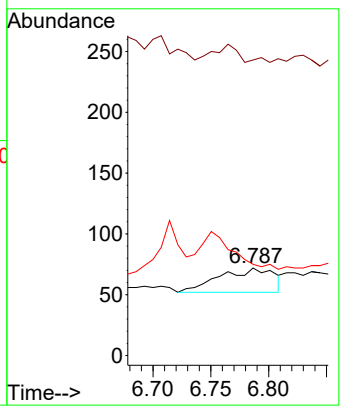


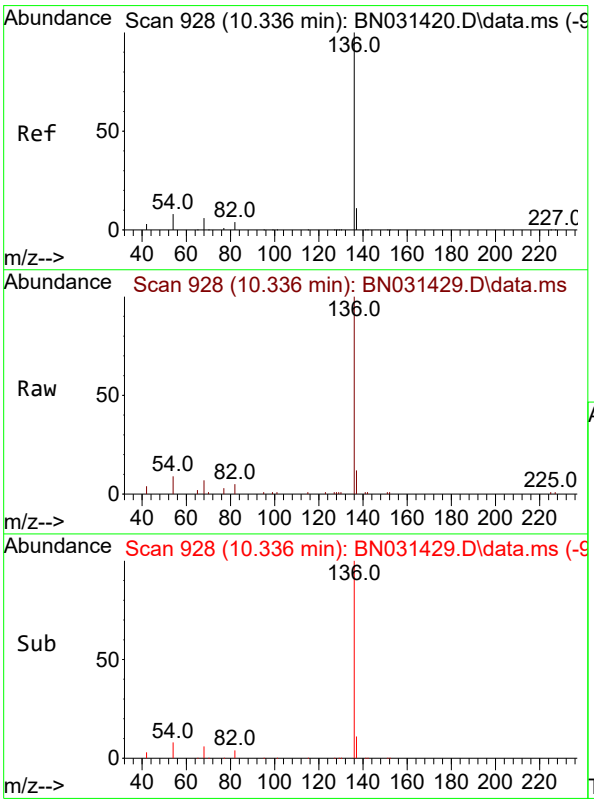
#5
Phenol-d6
Concen: 0.004 ng
RT: 6.787 min Scan# 5
Delta R.T. 0.043 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion: 99 Resp: 65

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.8#
71	0.0	27.8	41.6#

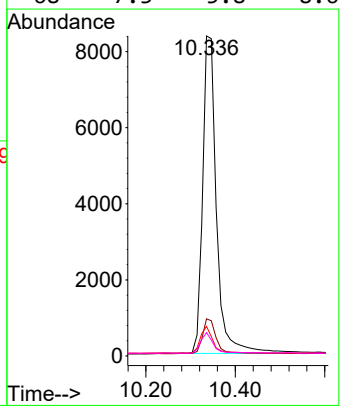


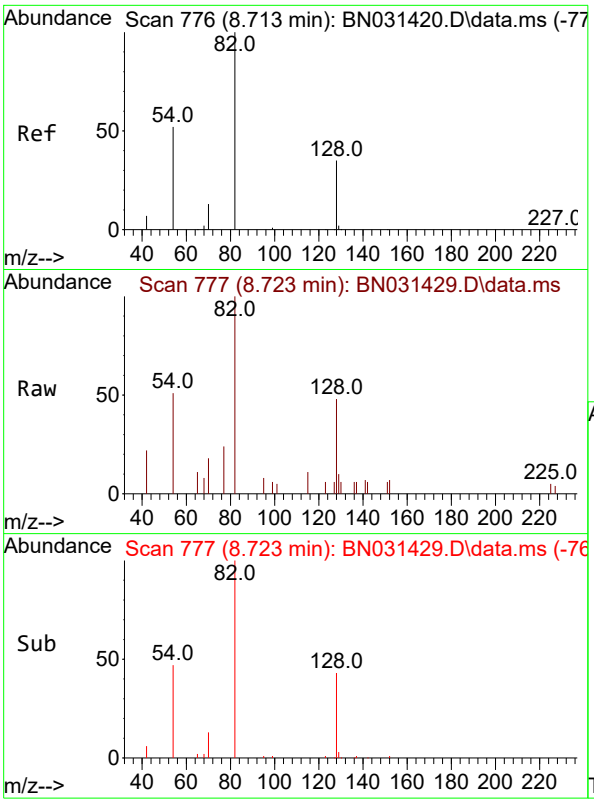


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:136 Resp: 17851

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.3	7.2	10.8
68	7.3	5.8	8.6



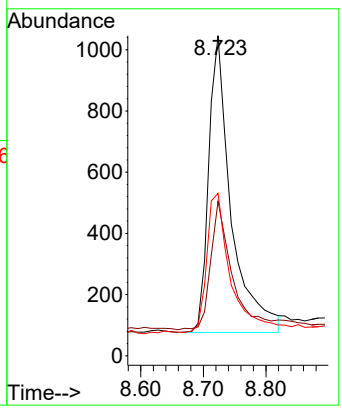


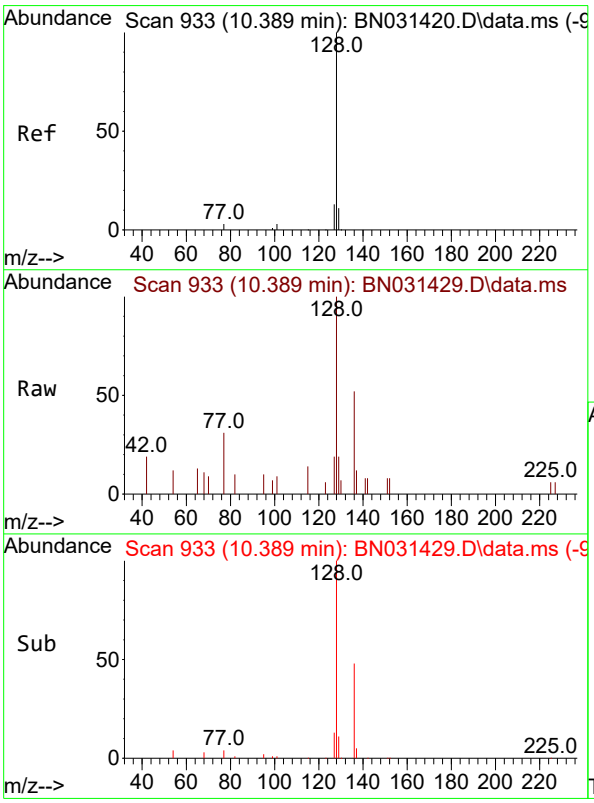
#8
Nitrobenzene-d5
Concen: 0.155 ng
RT: 8.723 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion: 82 Resp: 2423

Ion	Ratio	Lower	Upper
82	100		
128	48.3	30.0	45.0#
54	50.8	43.4	65.0

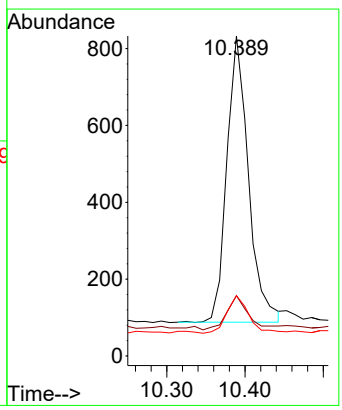


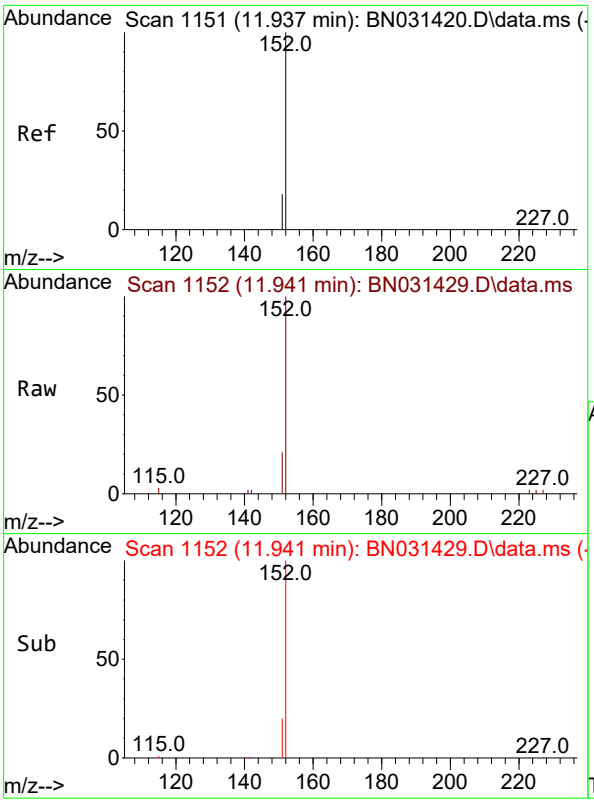


#9
Naphthalene
Concen: 0.029 ng
RT: 10.389 min Scan# 933
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:128 Resp: 1429

Ion	Ratio	Lower	Upper
128	100		
129	18.8	9.5	14.3#
127	18.8	11.1	16.7#



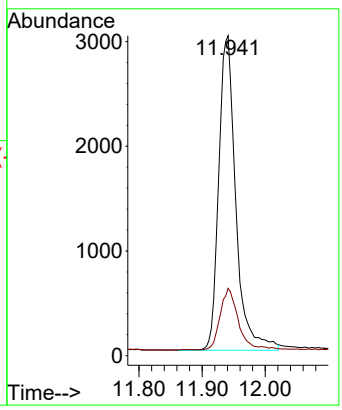


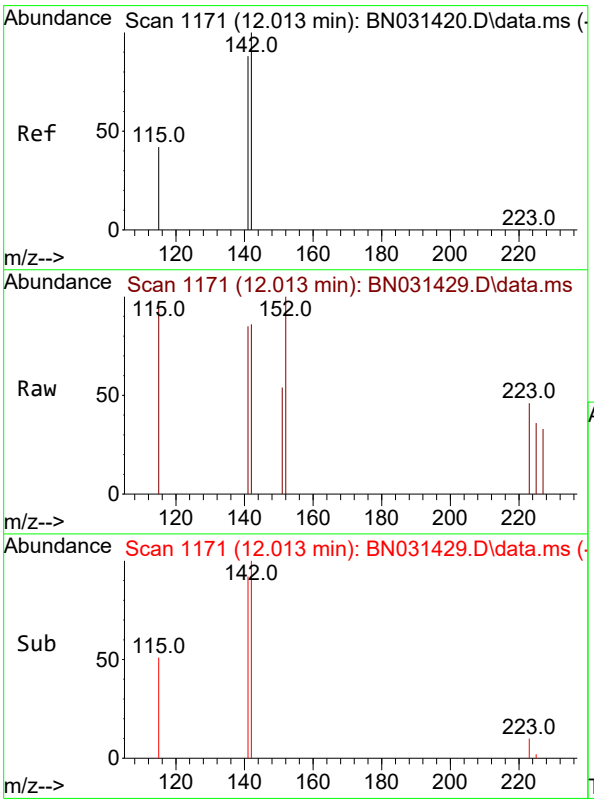
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.941 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:152 Resp: 5655

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1

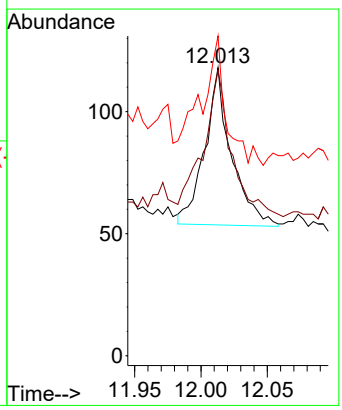


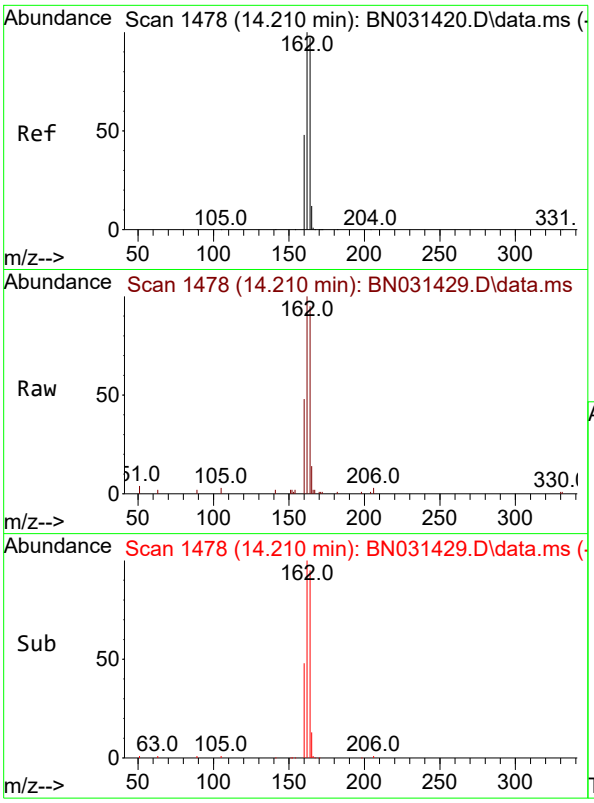


#12
2-Methylnaphthalene
Concen: 0.173 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:142 Resp: 90

Ion	Ratio	Lower	Upper
142	100		
141	99.2	70.2	105.2
115	111.0	34.2	51.4#



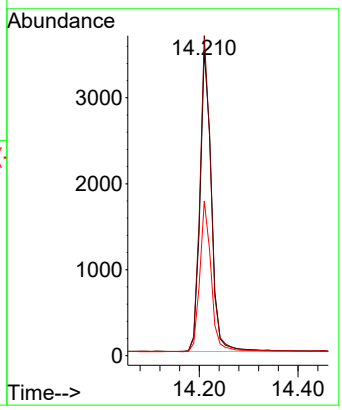


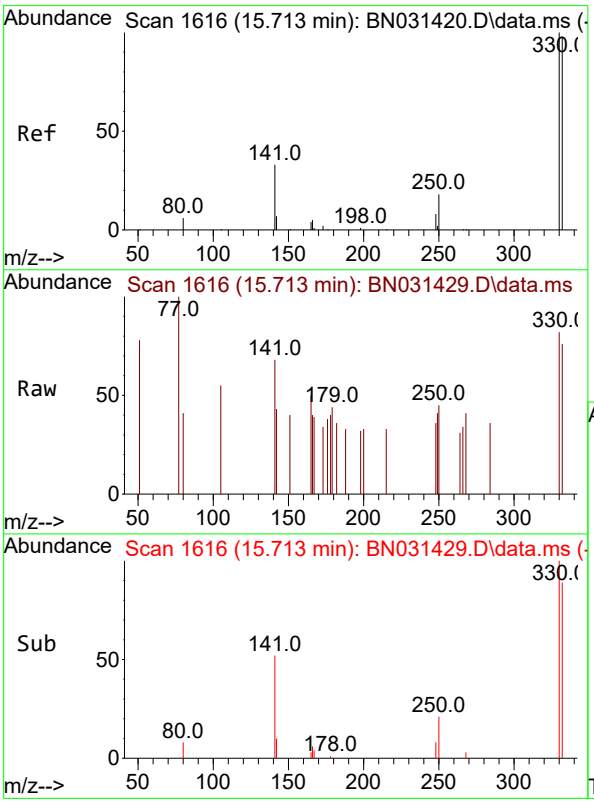
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.210 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:164 Resp: 5587

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.3	123.5
160	50.7	40.2	60.2

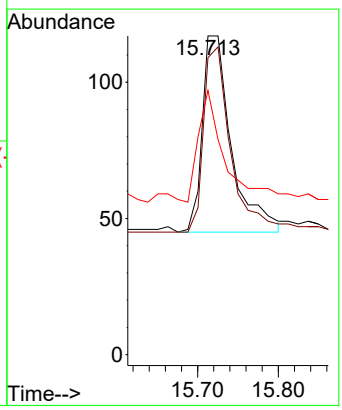


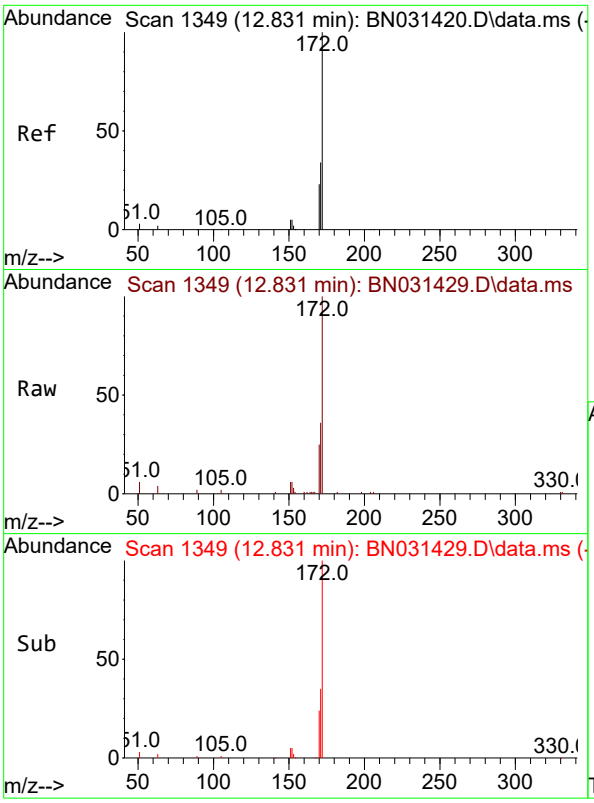


#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 15.713 min Scan# 1616
Delta R.T. -0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:330 Resp: 182

Ion	Ratio	Lower	Upper
330	100		
332	86.8	77.5	116.3
141	47.3	39.3	58.9



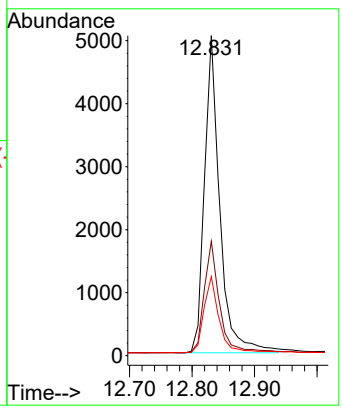


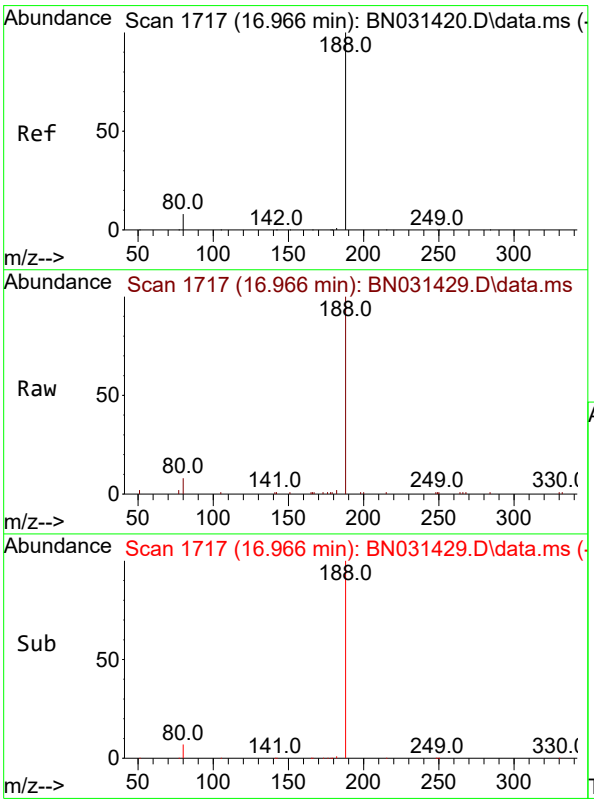
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.831 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:172 Resp: 8557

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	24.7	18.9	28.3

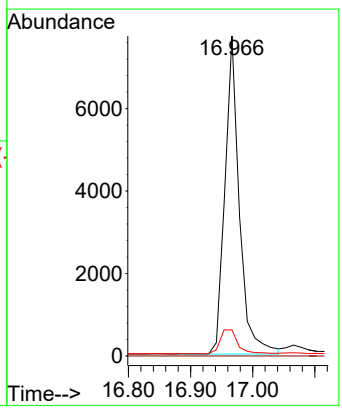


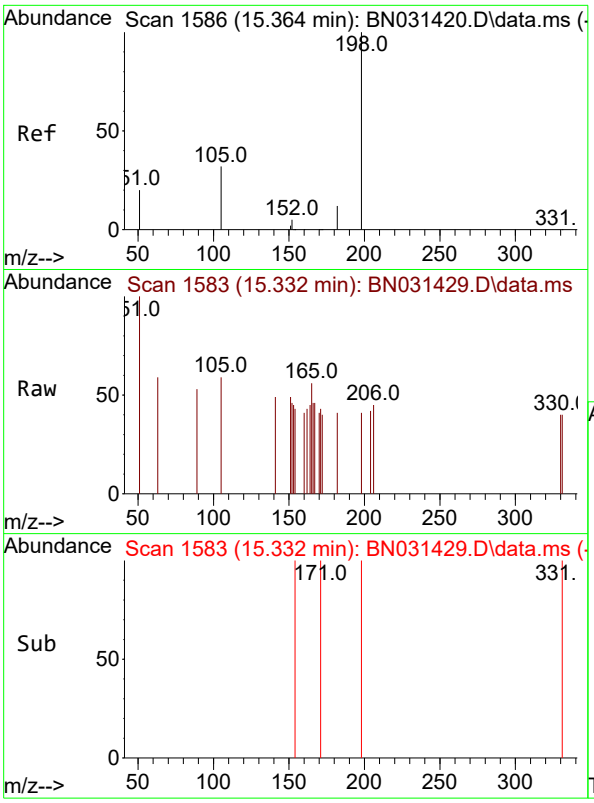


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.966 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:188 Resp: 12418

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	6.8	10.2



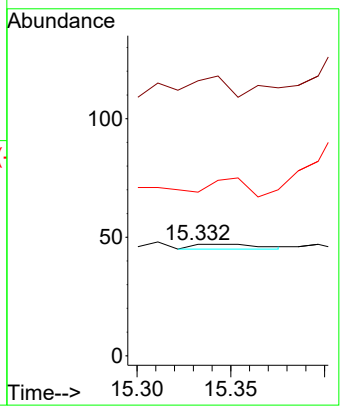


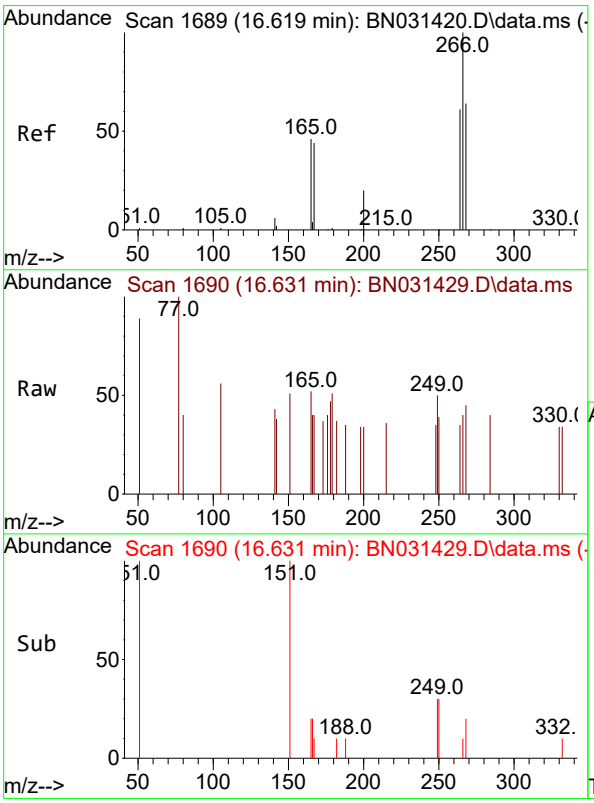
#20
4,6-Dinitro-2-methylphenol
Concen: 0.025 ng
RT: 15.332 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	246.8	47.4	71.2#
105	146.8	35.7	53.5#

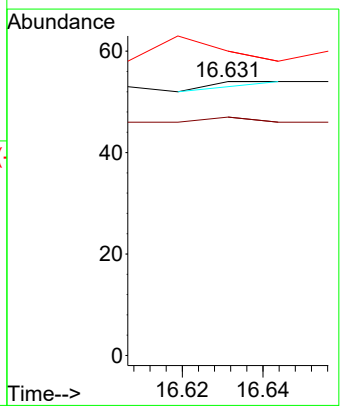


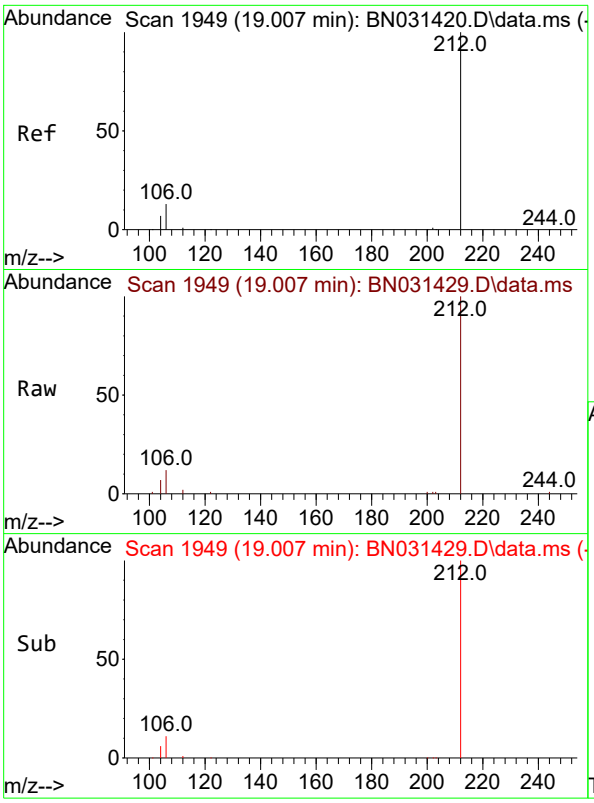


#24
Pentachlorophenol
Concen: 0.164 ng
RT: 16.631 min Scan# 1690
Delta R.T. 0.012 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
264	700.0	49.0	73.4#
268	500.0	51.0	76.4#



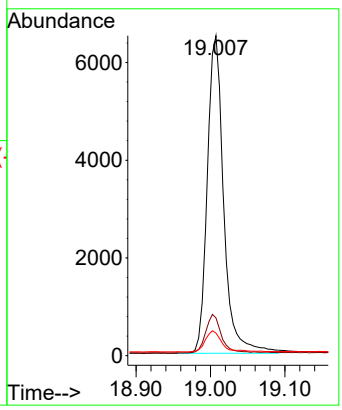


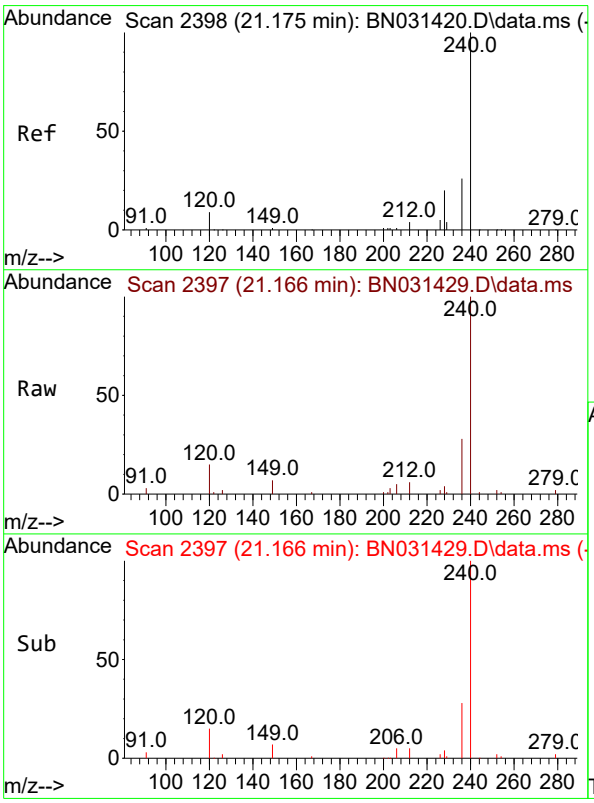
#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.007 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:212 Resp: 9962

Ion	Ratio	Lower	Upper
212	100		
106	11.8	11.5	17.3
104	6.7	6.4	9.6

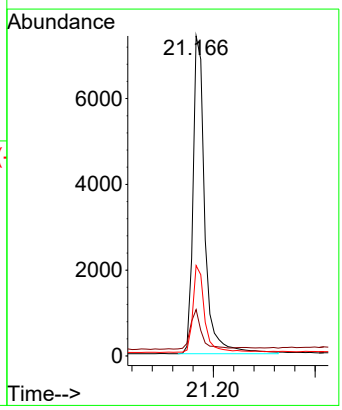


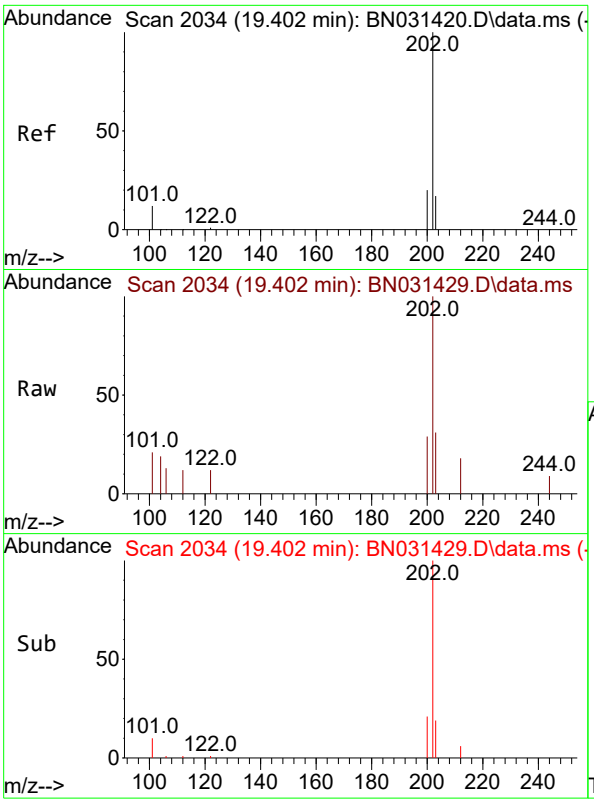


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 2397
Delta R.T. -0.009 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:240 Resp: 11970

Ion	Ratio	Lower	Upper
240	100		
120	14.5	7.9	11.9#
236	28.2	21.4	32.2



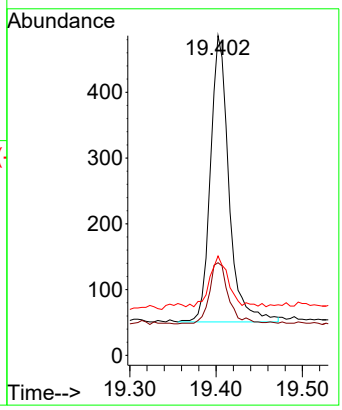


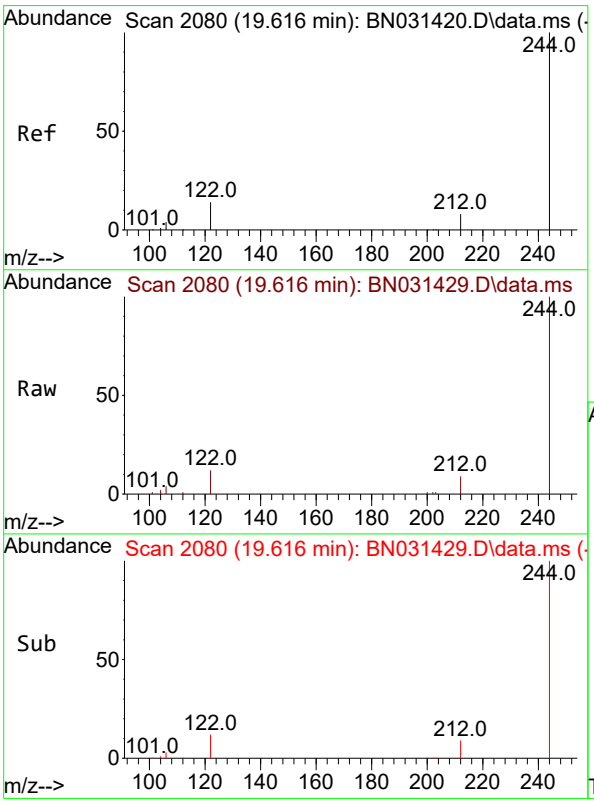
#30
Pyrene
Concen: Below Cal
RT: 19.402 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:202 Resp: 647

Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.6	24.8
203	18.7	14.3	21.5

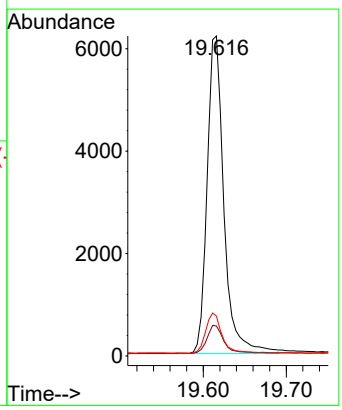


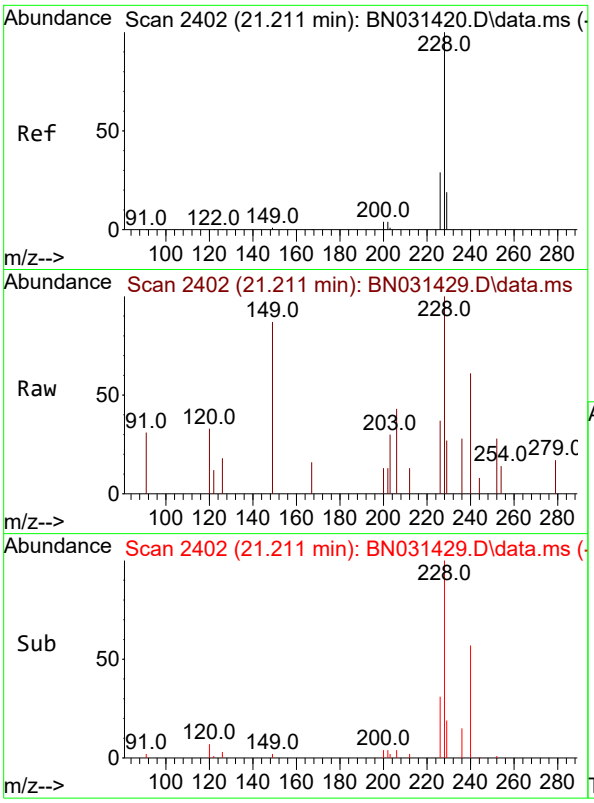


#31
Terphenyl-d14
Concen: 0.288 ng
RT: 19.616 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:244 Resp: 8750

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.9	10.3
122	12.4	11.4	17.2



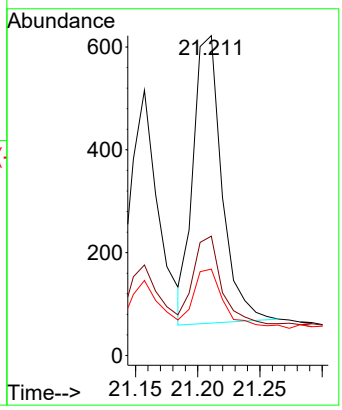


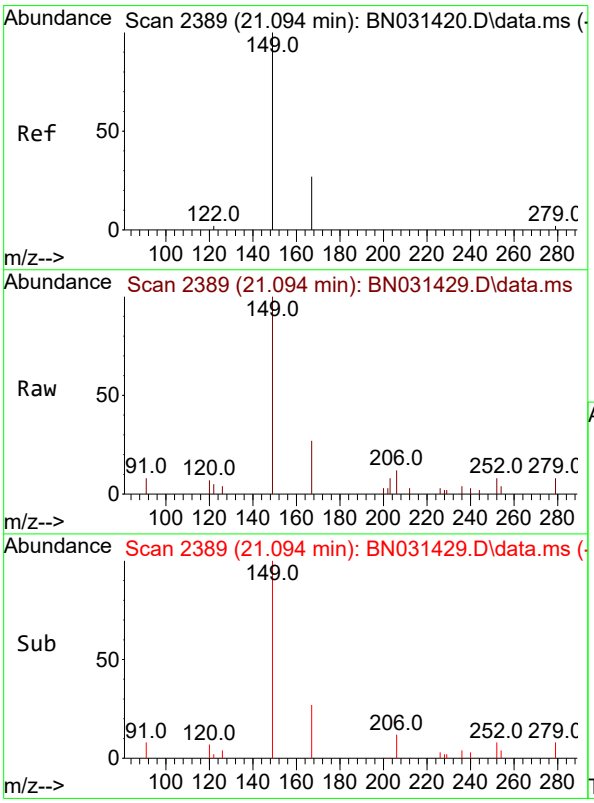
#33
Chrysene
Concen: 0.021 ng
RT: 21.211 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:228 Resp: 899

Ion	Ratio	Lower	Upper
228	100		
226	37.3	23.6	35.4#
229	27.0	15.8	23.8#

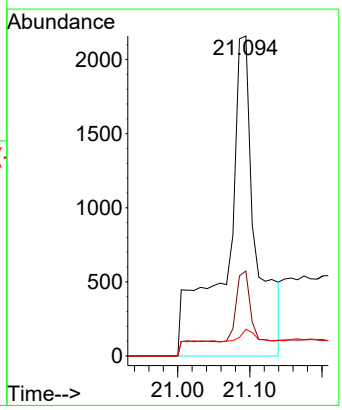


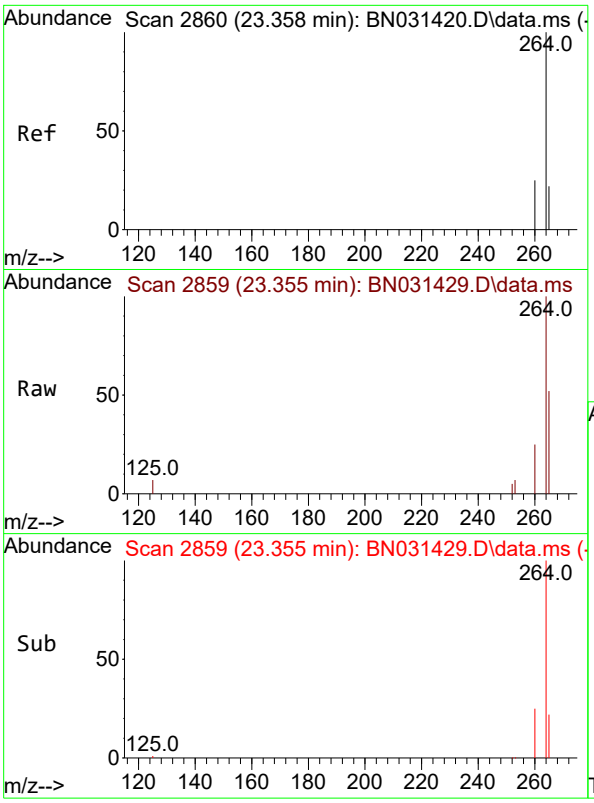


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.280 ng
RT: 21.094 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:149 Resp: 6118

Ion	Ratio	Lower	Upper
149	100		
167	12.1	23.0	34.4#
279	3.7	3.2	4.8



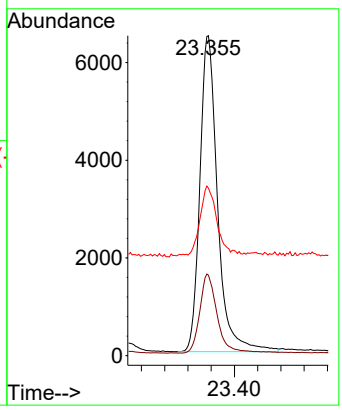


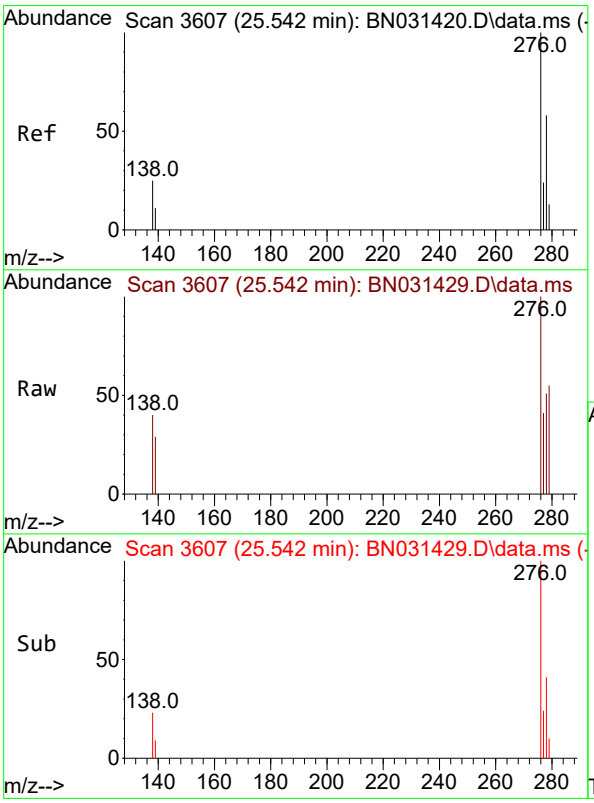
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.355 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:264 Resp: 13667

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	52.4	43.4	65.2

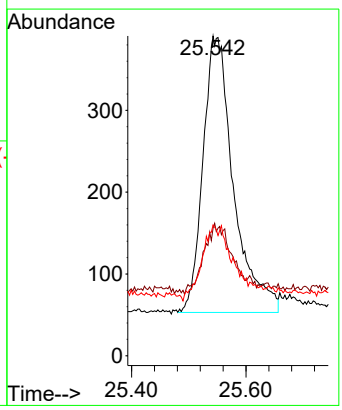


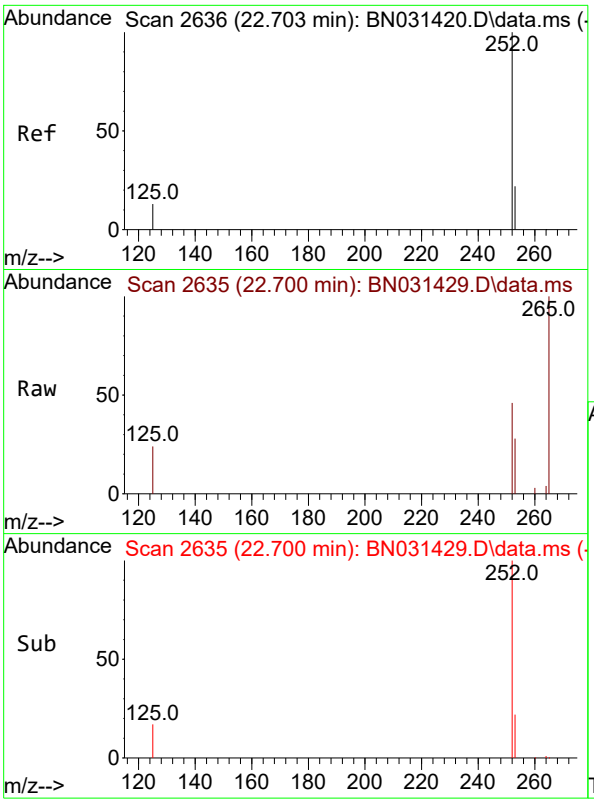


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng
RT: 25.542 min Scan# 3607
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:276 Resp: 1256

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
277	14.3	19.8	29.8#



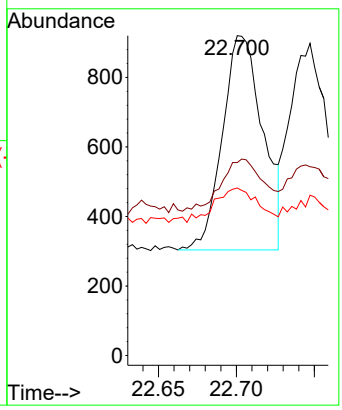


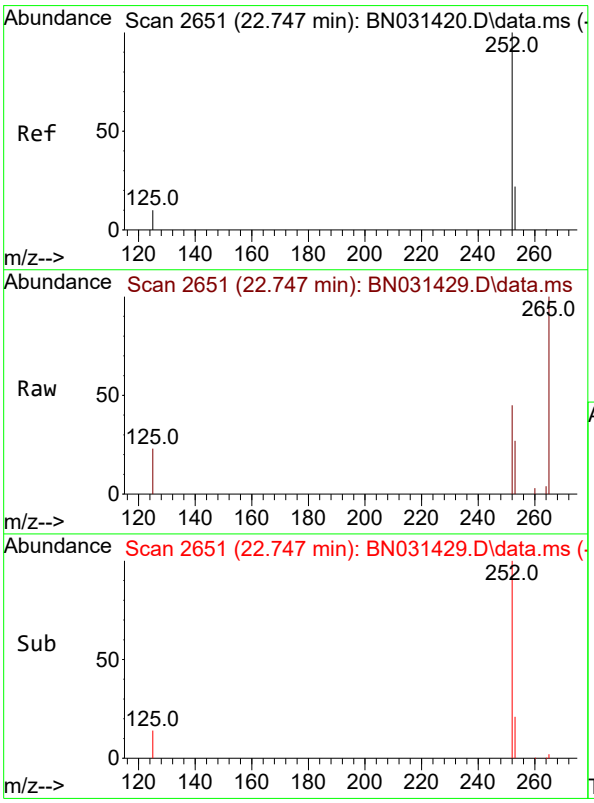
#37
Benzo(b)fluoranthene
Concen: 0.021 ng
RT: 22.700 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:252 Resp: 1116

Ion	Ratio	Lower	Upper
252	100		
253	60.3	19.5	29.3#
125	52.4	12.9	19.3#

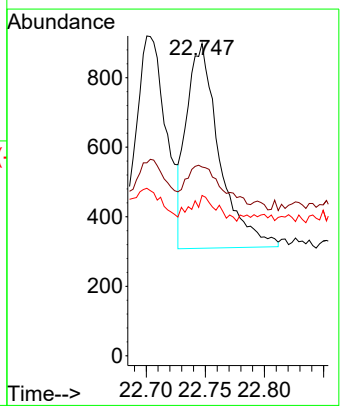


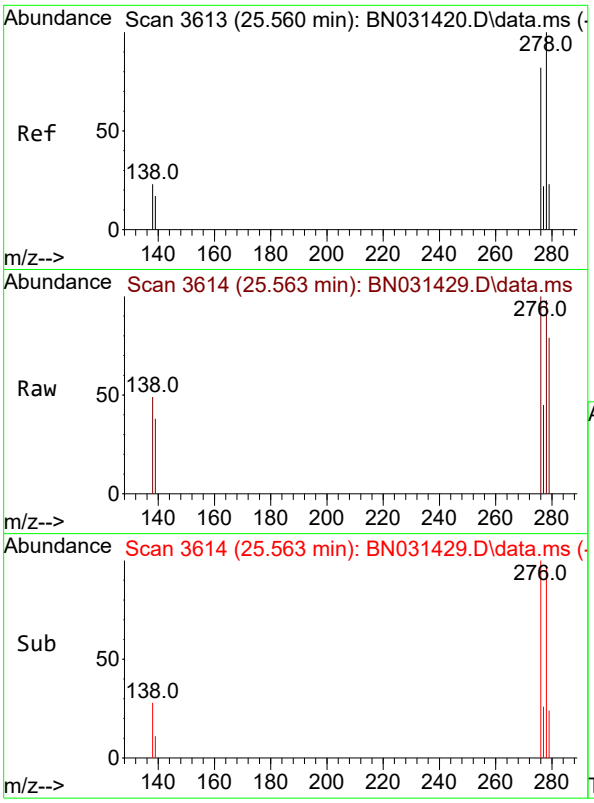


#38
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 22.747 min Scan# 2651
Delta R.T. 0.000 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:252 Resp: 1137

Ion	Ratio	Lower	Upper
252	100		
253	60.5	19.5	29.3#
125	51.3	11.5	17.3#



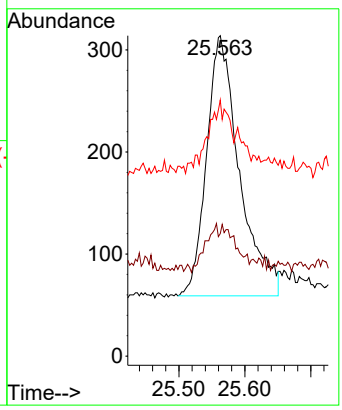


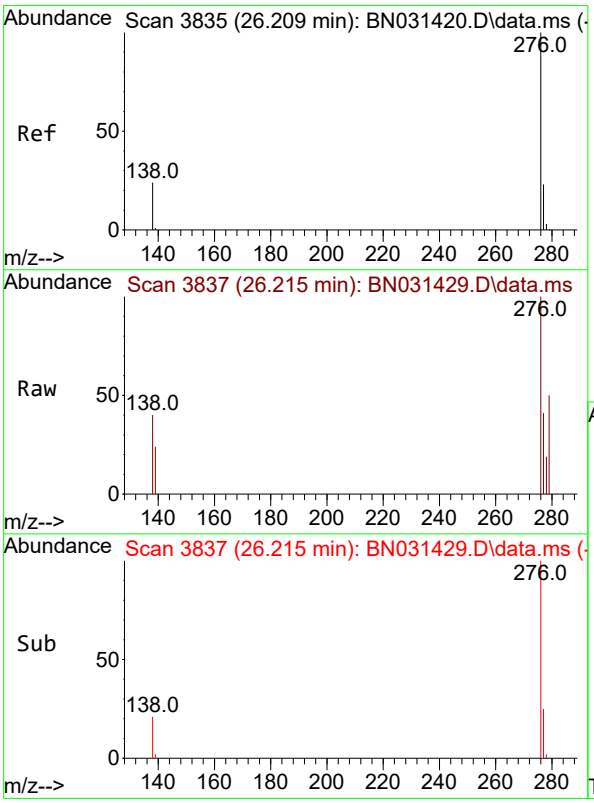
#40
Dibenzo(a,h)anthracene
Concen: 0.020 ng
RT: 25.563 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Instrument :
BNA_N
ClientSampleId :
EB-01-050324

Tgt Ion:278 Resp: 884

Ion	Ratio	Lower	Upper
278	100		
139	38.2	14.7	22.1#
279	79.9	20.6	31.0#





#41
Benzo(g,h,i)perylene
Concen: 0.026 ng
RT: 26.215 min Scan# 3837
Delta R.T. 0.006 min
Lab File: BN031429.D
Acq: 07 May 2024 19:30

Tgt Ion:276 Resp: 1131

Ion	Ratio	Lower	Upper
276	100		
277	40.7	19.4	29.2#
138	39.7	19.7	29.5#