Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032065.D
Acq On : 19 Jun 2024 11:28
Operator : MA/JU
Sample : PB161548BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Quant Time: Jun 19 12:06:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	8373	0.400	ng		0.00
7) Naphthalene-d8	10.421	136	28141	0.400	ng		0.00
13) Acenaphthene-d10	14.285	164	18400	0.400	ng		0.00
19) Phenanthrene-d10	17.041	188	38895	0.400	ng		0.01
29) Chrysene-d12	21.238	240	29616	0.400	ng		0.00
35) Perylene-d12	23.458	264	28053	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.255	112	8792	0.369	ng		0.00
5) Phenol-d6	6.830	99	10181	0.326	ng		0.00
8) Nitrobenzene-d5	8.809	82	7333	0.314	ng		0.01
11) 2-Methylnaphthalene-d10	12.020	152	15709	0.350	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	2257	0.256	ng		0.00
15) 2-Fluorobiphenyl	12.906	172	24113	0.345	ng		0.00
27) Fluoranthene-d10	19.072	212	36975	0.349	ng		0.00
31) Terphenyl-d14	19.676	244	28032	0.387	ng		0.00
Target Compounds							Qvalue
20) 4,6-Dinitro-2-methylph...	15.429	198	3	0.175	ng	#	1
24) Pentachlorophenol	16.706	266	71	0.175	ng	#	41
25) Phenanthrene	17.078	178	3869	0.036	ng		99
26) Anthracene	17.178	178	5910	0.059	ng		100
28) Fluoranthene	19.100	202	9801	0.075	ng		99
30) Pyrene	19.467	202	10504	0.089	ng		100
32) Benzo(a)anthracene	21.220	228	15902	0.143	ng		99
33) Chrysene	21.274	228	15017	0.142	ng		99
36) Indeno(1,2,3-cd)pyrene	25.703	276	17020	0.163	ng		99
37) Benzo(b)fluoranthene	22.788	252	16743	0.164	ng	#	92
38) Benzo(k)fluoranthene	22.832	252	16411	0.170	ng	#	90
39) Benzo(a)pyrene	23.358	252	12955	0.147	ng	#	85
40) Dibenzo(a,h)anthracene	25.712	278	12769	0.155	ng		96
41) Benzo(g,h,i)perylene	26.390	276	13111	0.148	ng		95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032065.D
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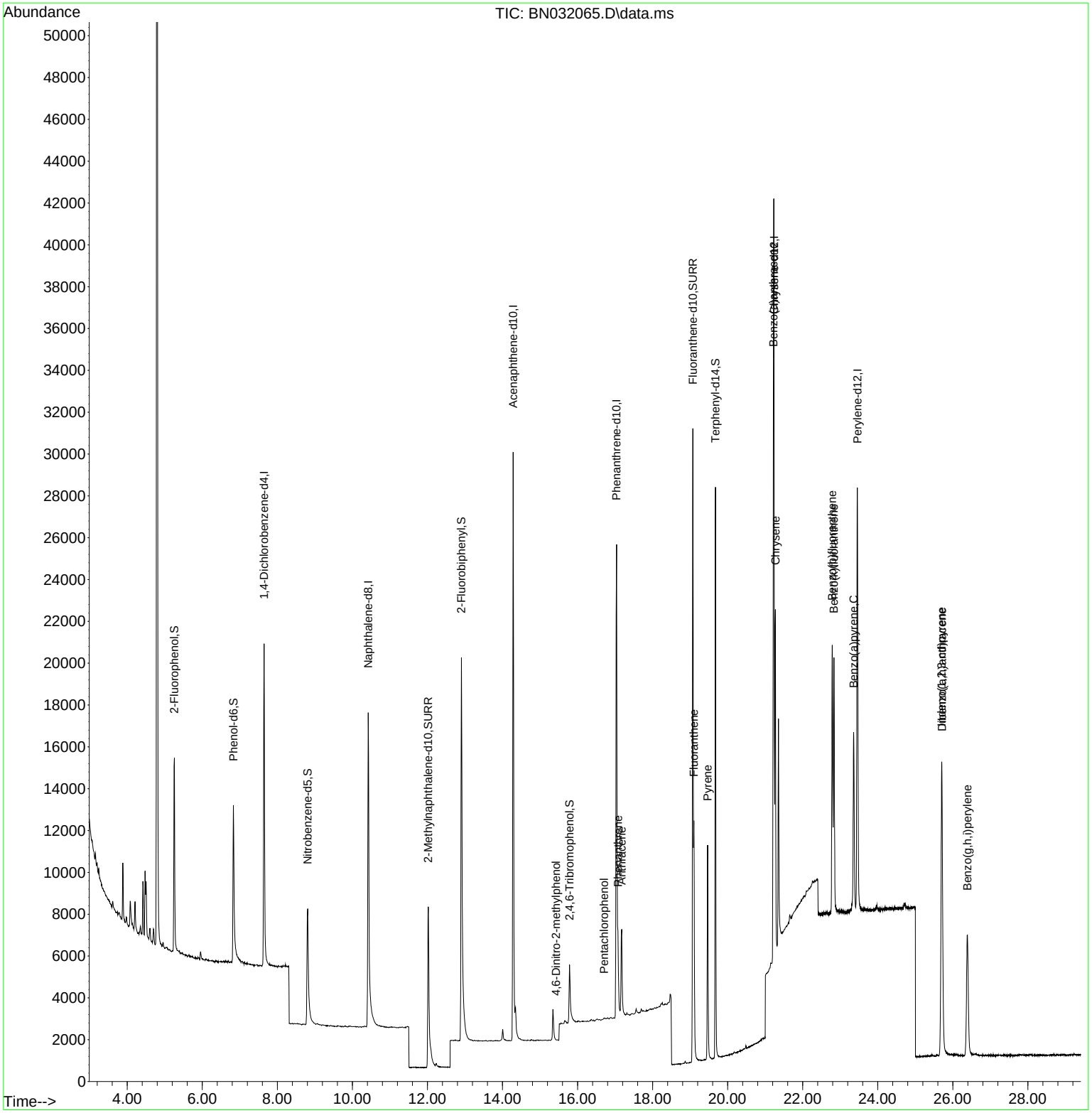
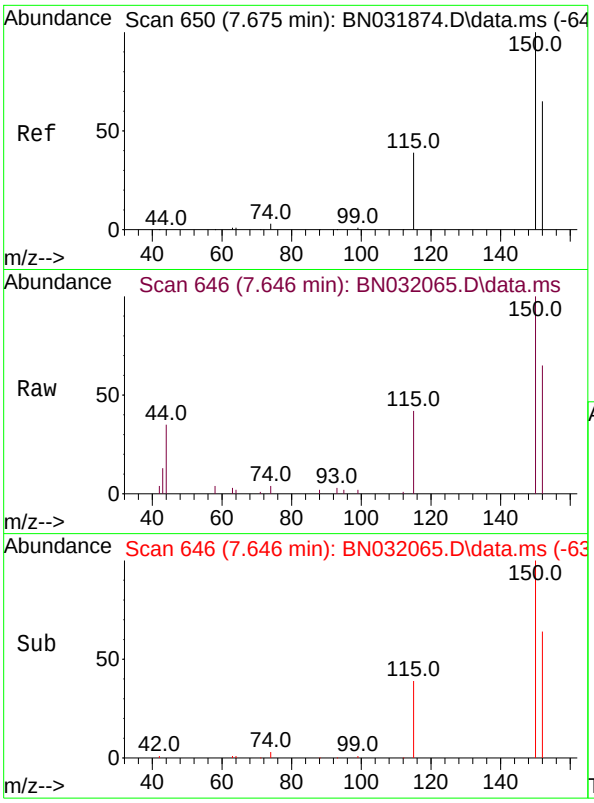
Operator : MA/JU
Sample : PB161548BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Quant Time: Jun 19 12:06:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



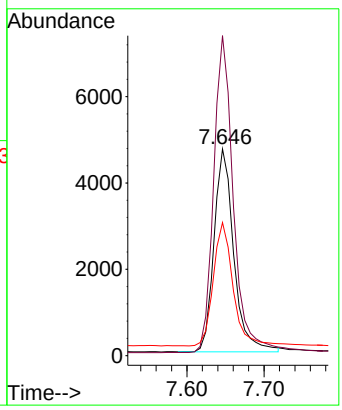


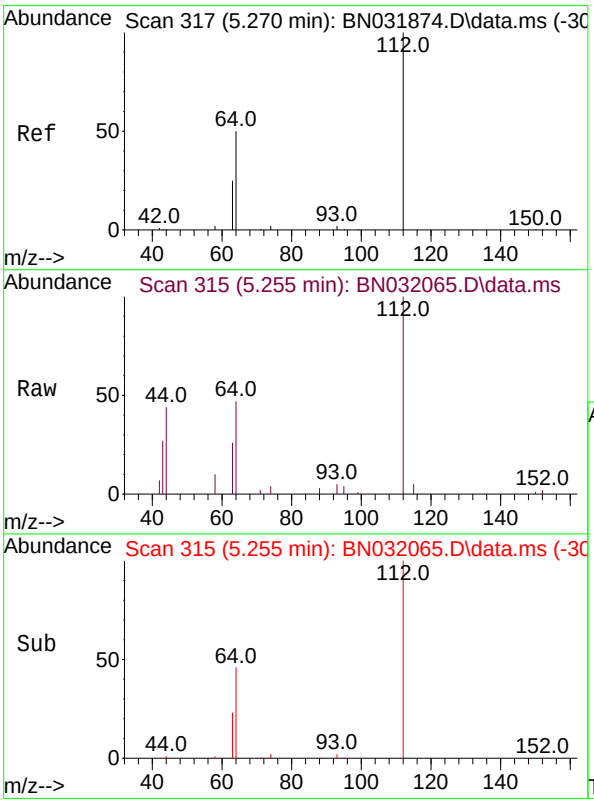
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:152 Resp: 8373

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.0	181.4
115	64.4	49.4	74.0

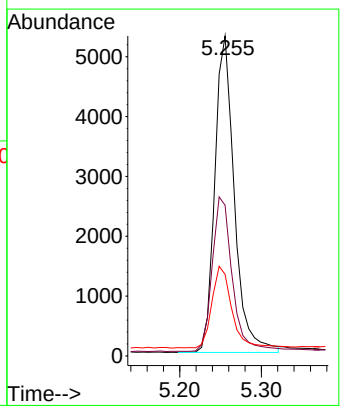


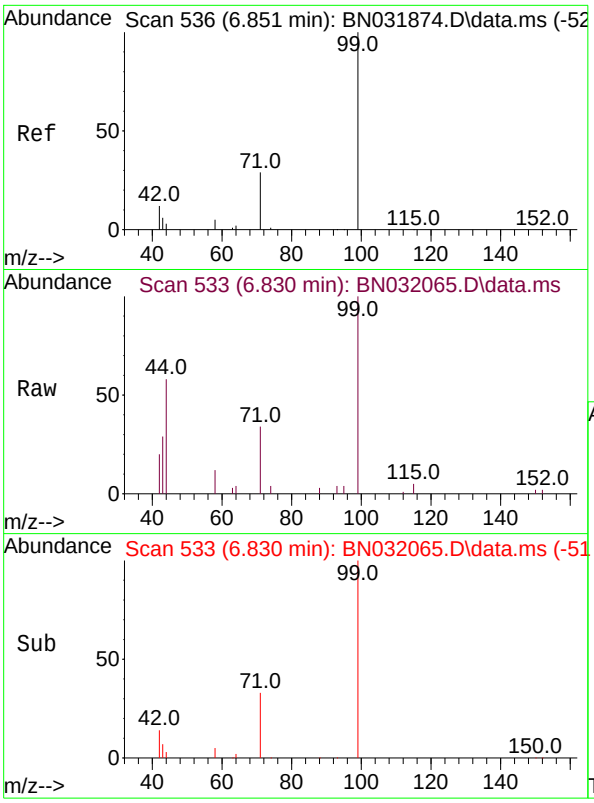


#4
2-Fluorophenol
Concen: 0.369 ng
RT: 5.255 min Scan# 315
Delta R.T. 0.007 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:112 Resp: 8792

Ion	Ratio	Lower	Upper
112	100		
64	50.1	42.4	63.6
63	26.5	22.1	33.1



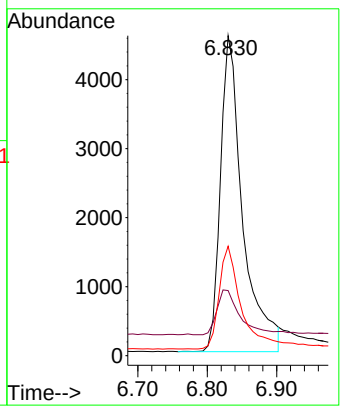


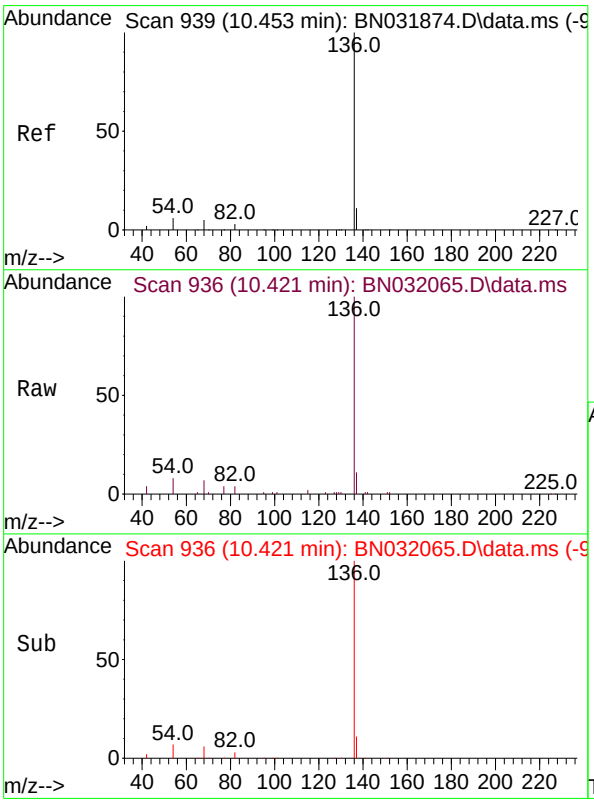
#5
Phenol-d6
Concen: 0.326 ng
RT: 6.830 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion: 99 Resp: 10181

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.8	19.2
71	31.8	25.4	38.2

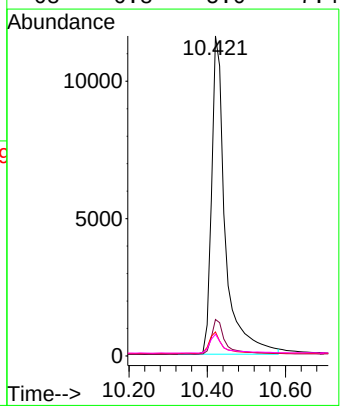


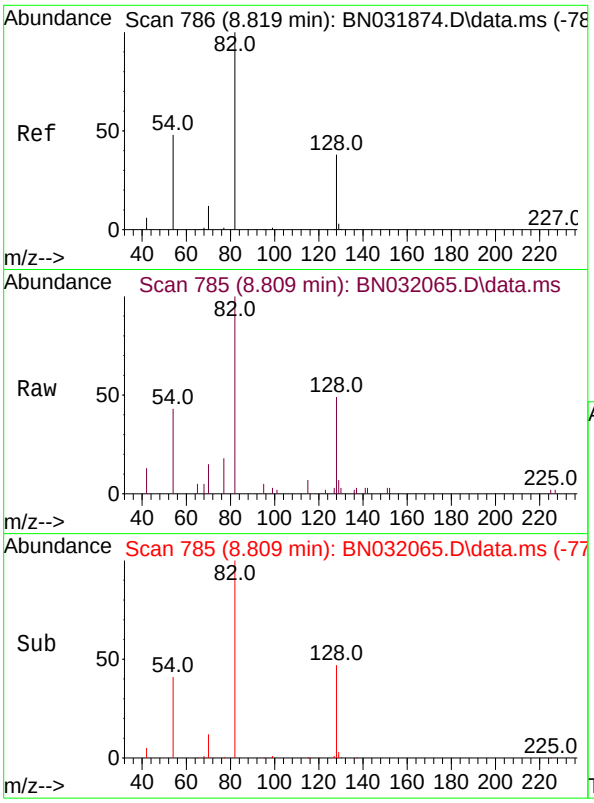


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:136 Resp: 28141

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.5	5.6	8.4
68	6.8	5.0	7.4



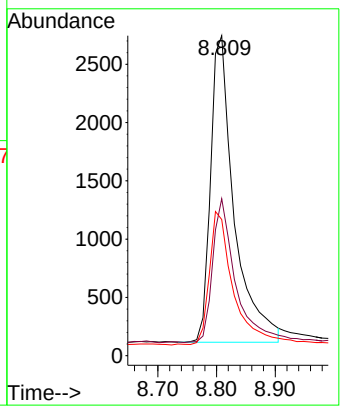


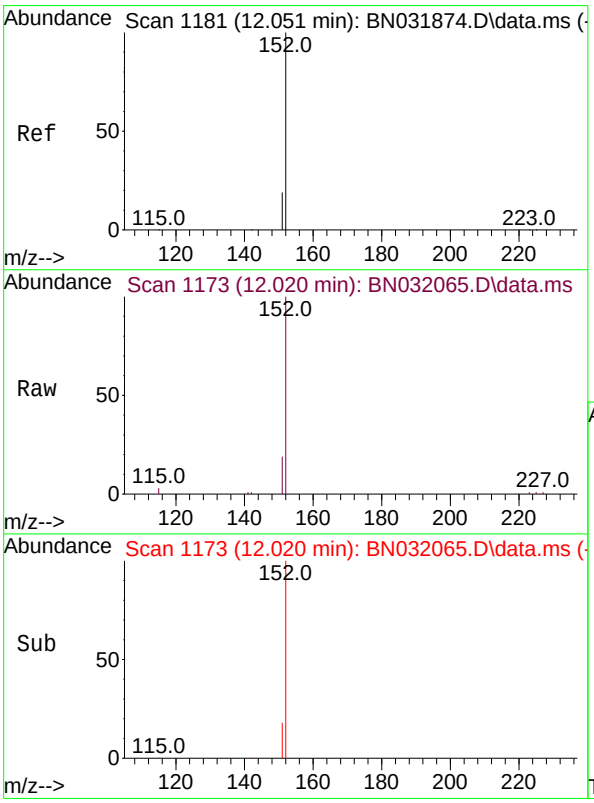
#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.809 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion: 82 Resp: 7333

Ion	Ratio	Lower	Upper
82	100		
128	49.0	32.1	48.1#
54	42.6	39.7	59.5

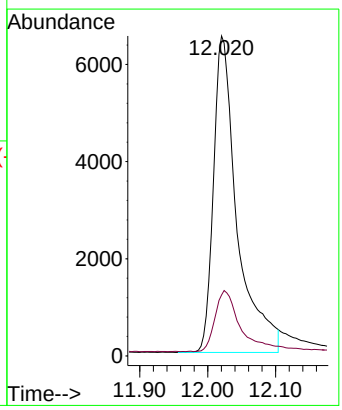


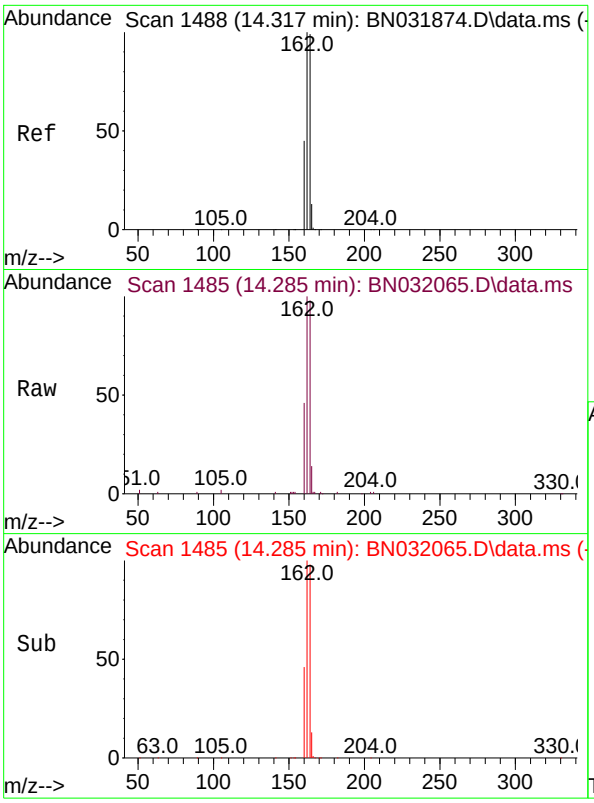


#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.020 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:152 Resp: 15709

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5



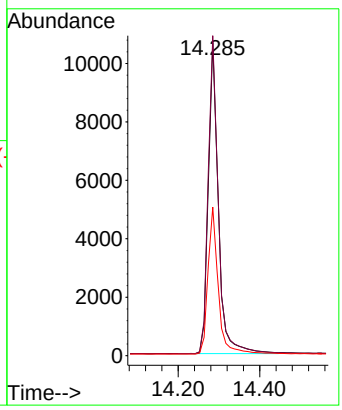


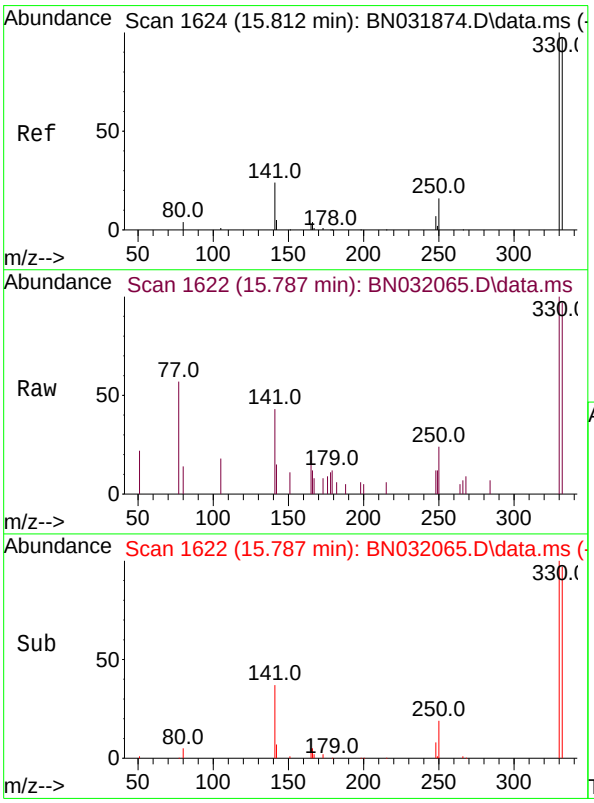
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:164 Resp: 18400

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	47.5	36.2	54.4

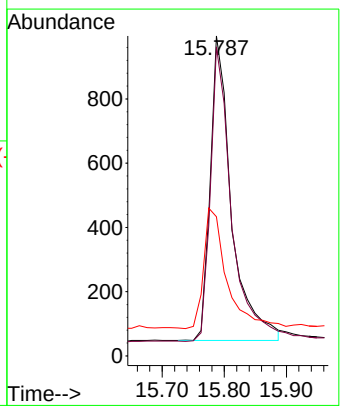


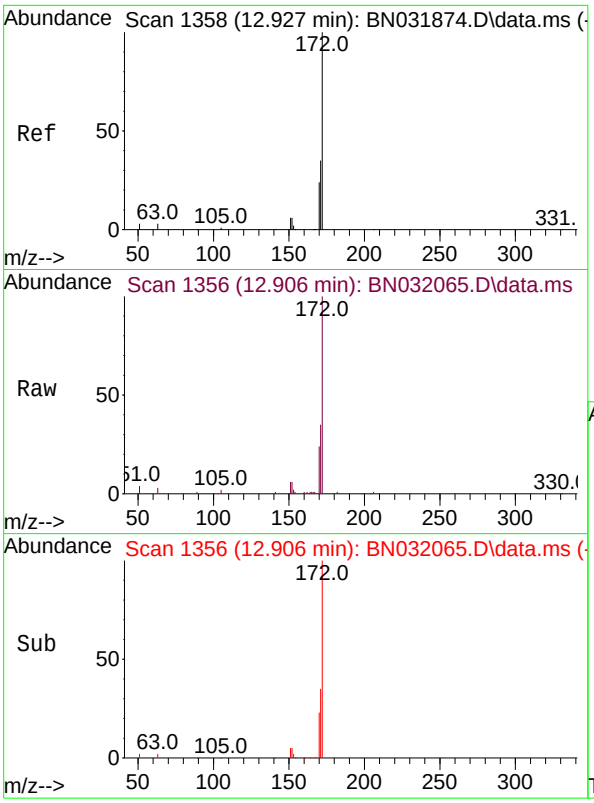


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:330 Resp: 2257

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	42.9	34.7	52.1



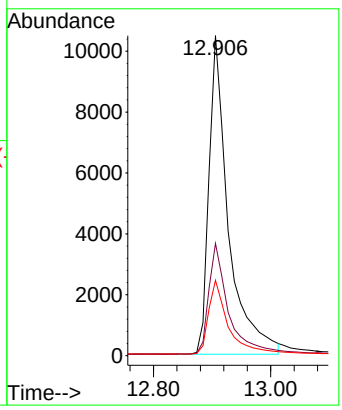


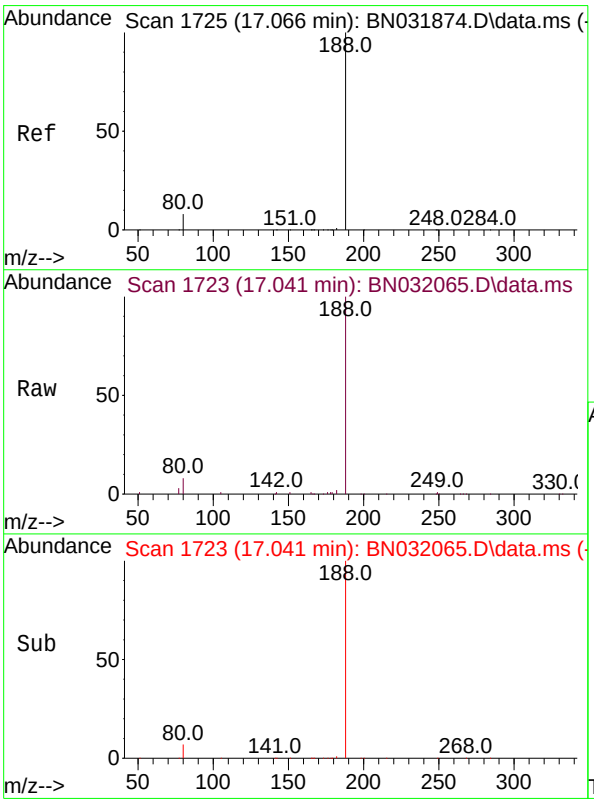
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.906 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:172 Resp: 24113

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.6	19.2	28.8

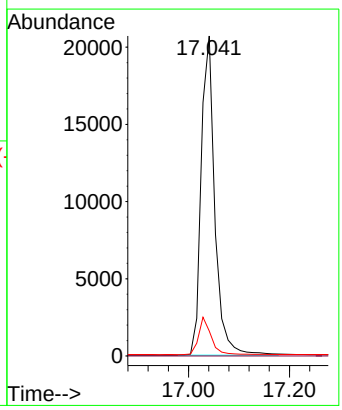


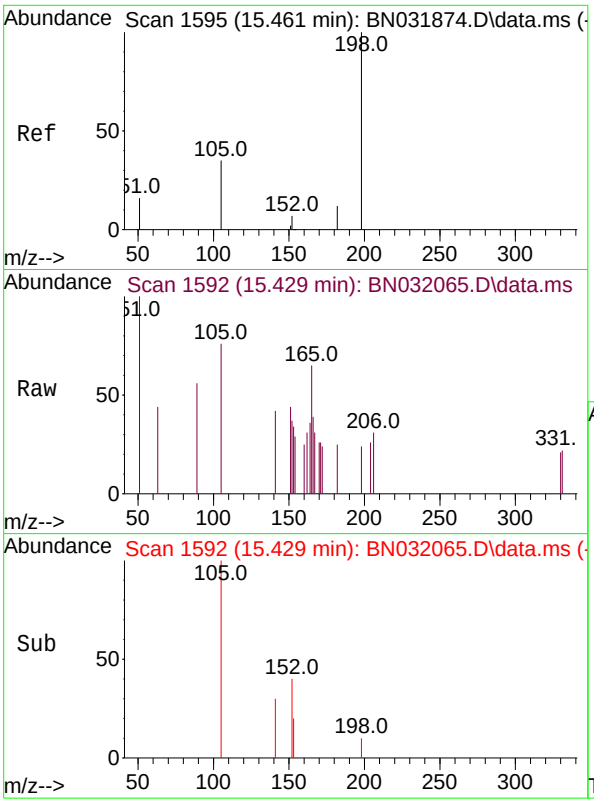


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 1723
Delta R.T. 0.012 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:188 Resp: 38895

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.4	9.6



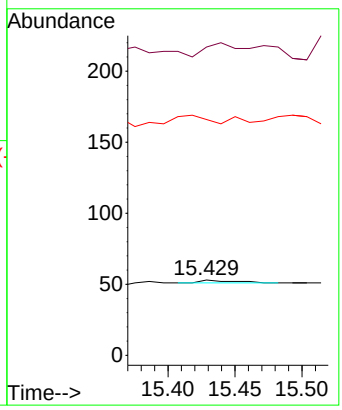


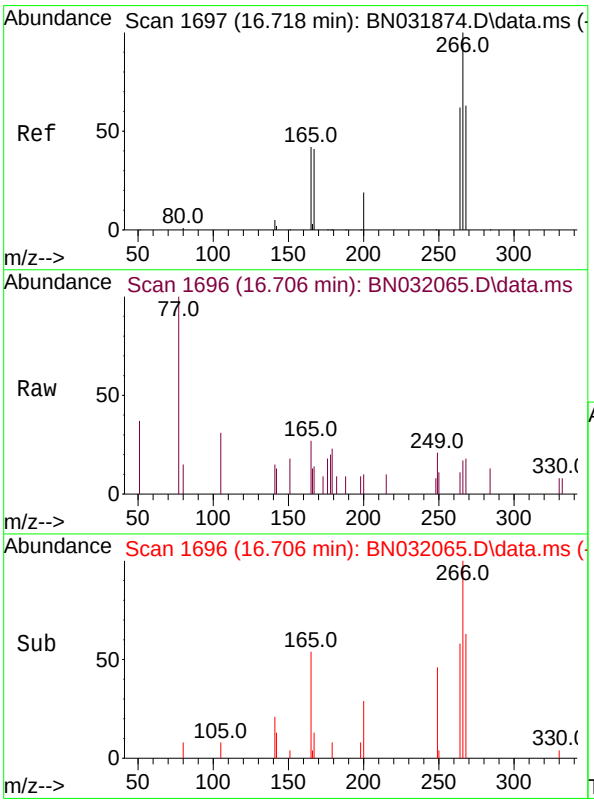
#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.429 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
51	409.4	42.7	64.1#
105	313.2	41.8	62.8#

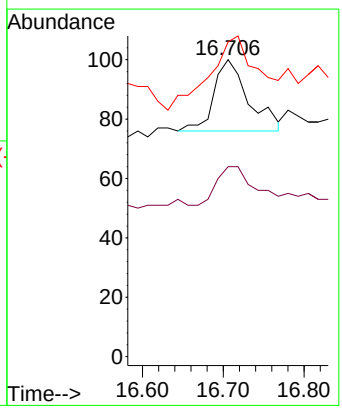


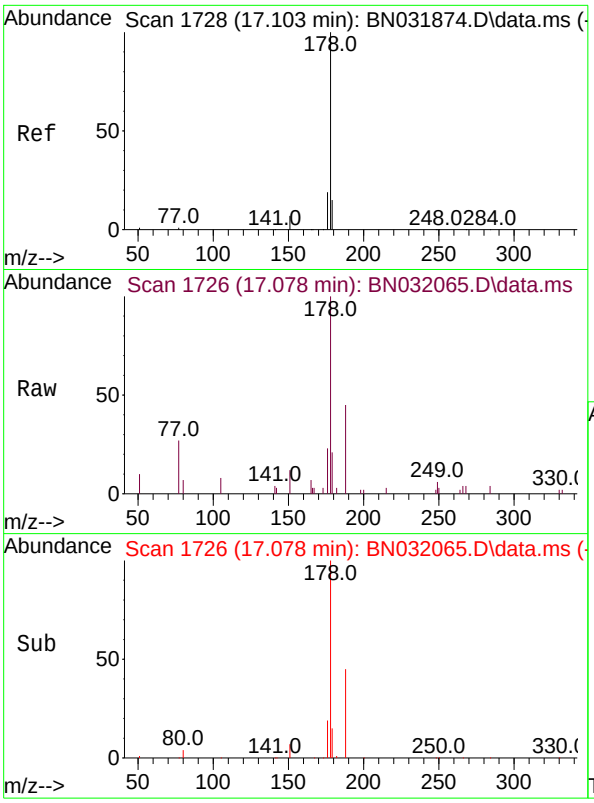


#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.706 min Scan# 1696
Delta R.T. 0.012 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:266 Resp: 71

Ion	Ratio	Lower	Upper
266	100		
264	67.6	50.0	75.0
268	149.3	51.0	76.6#



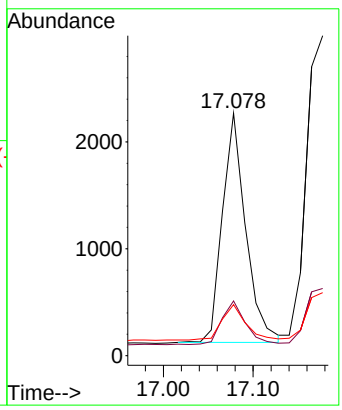


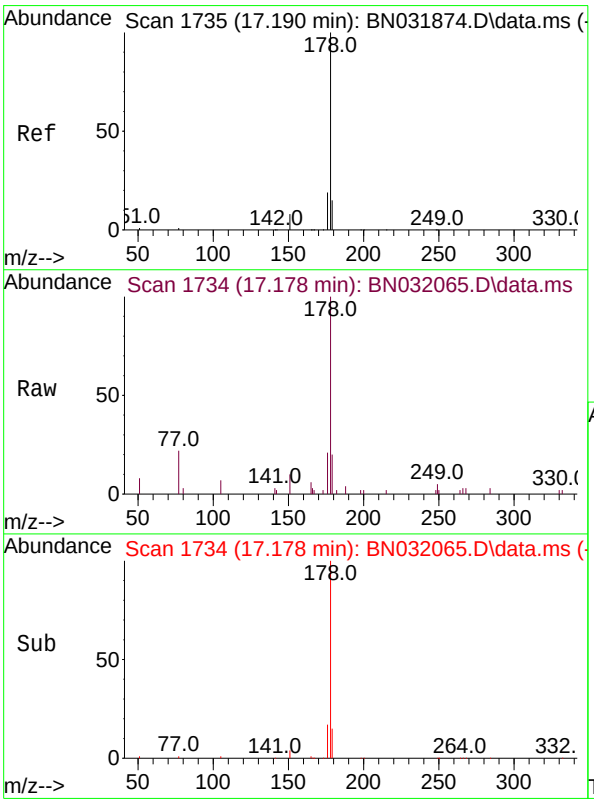
#25
Phenanthrene
Concen: 0.036 ng
RT: 17.078 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:178 Resp: 3869

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.5	12.2	18.2

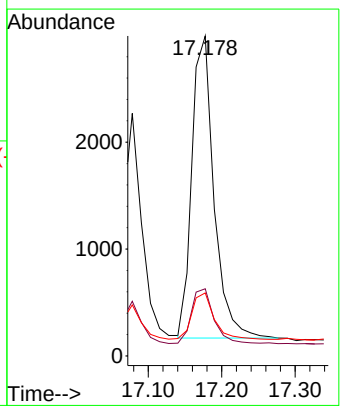


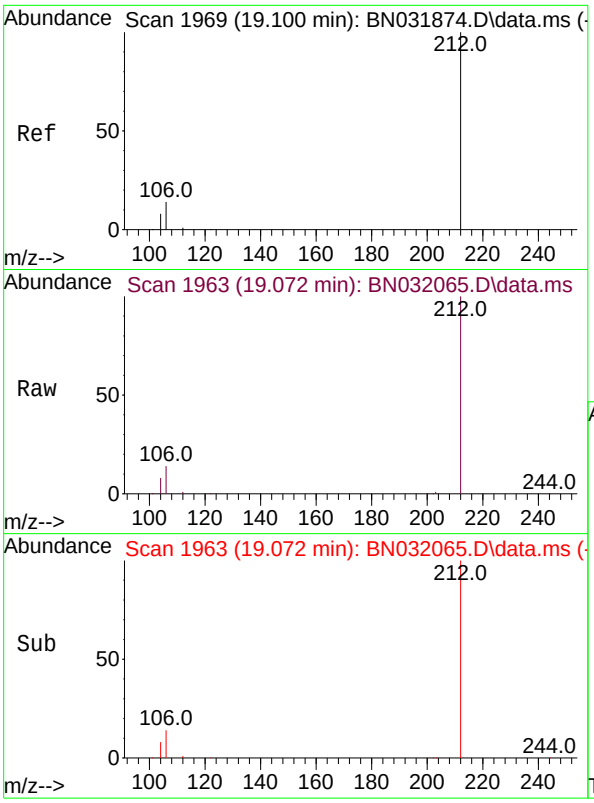


#26
Anthracene
Concen: 0.059 ng
RT: 17.178 min Scan# 1734
Delta R.T. 0.012 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:178 Resp: 5910

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.2	18.2



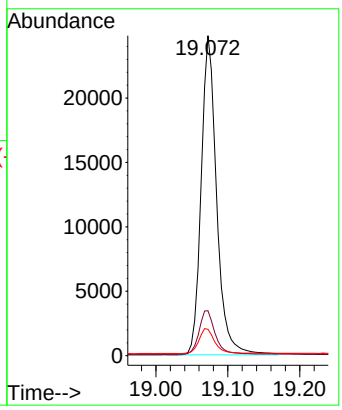


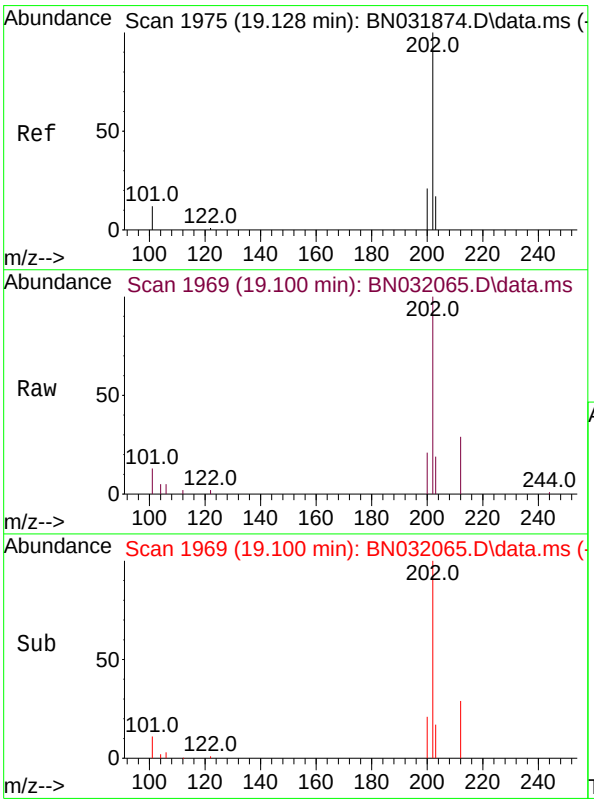
#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.072 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:212 Resp: 36975

Ion	Ratio	Lower	Upper
212	100		
106	14.0	11.8	17.8
104	8.0	6.6	10.0

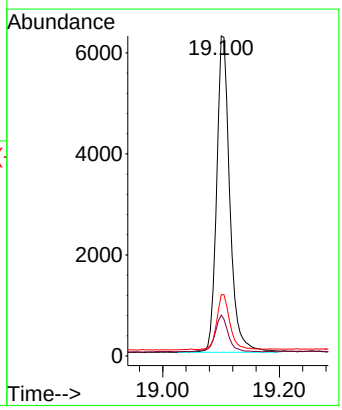


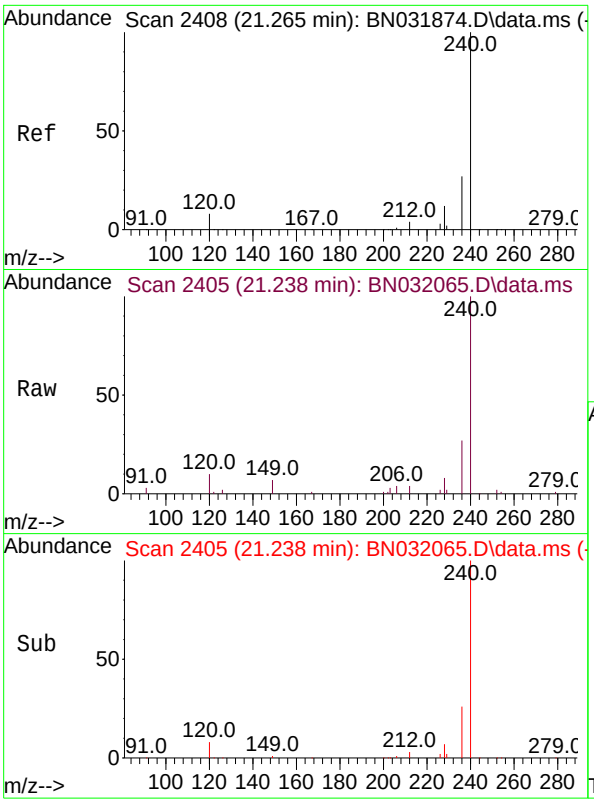


#28
Fluoranthene
Concen: 0.075 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:202 Resp: 9801

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
203	17.2	13.7	20.5



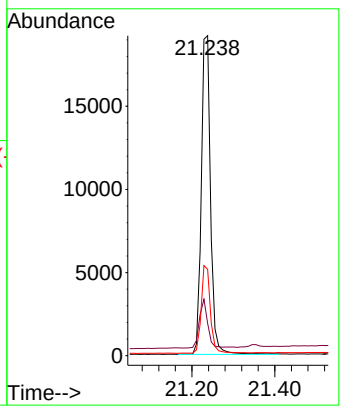


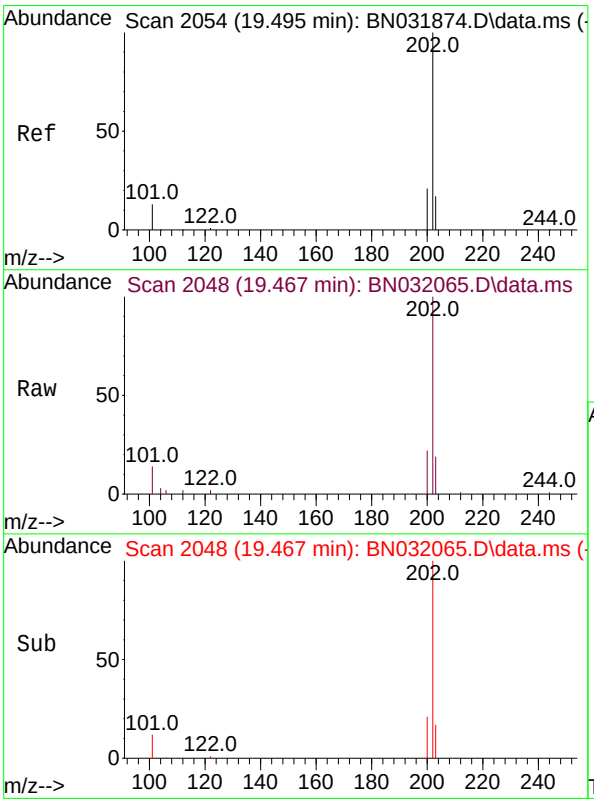
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:240 Resp: 29616

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.4
236	27.0	21.8	32.8

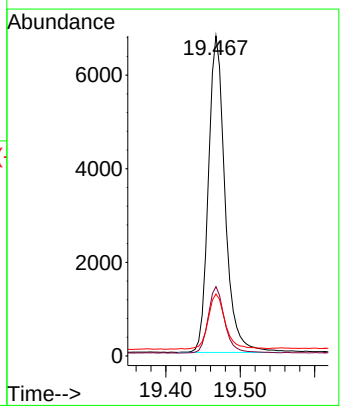


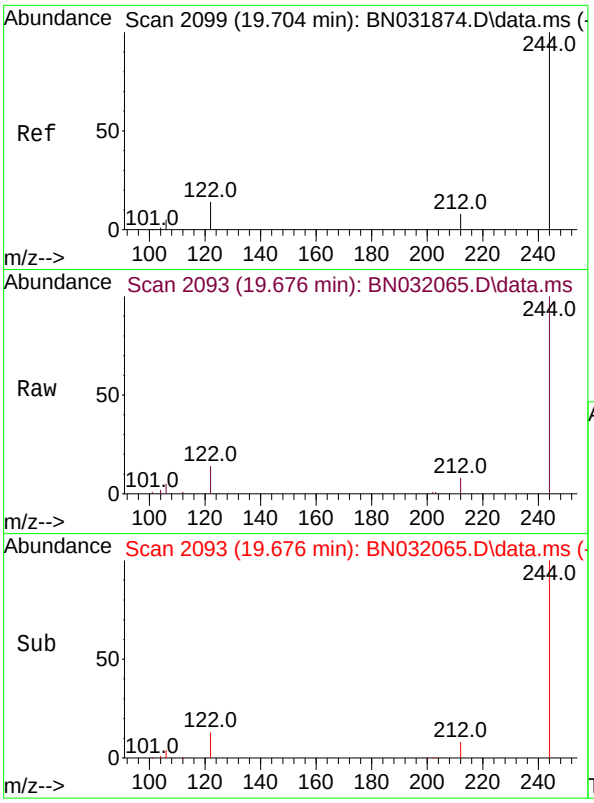


#30
Pyrene
Concen: 0.089 ng
RT: 19.467 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:202 Resp: 10504

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	18.3	14.3	21.5



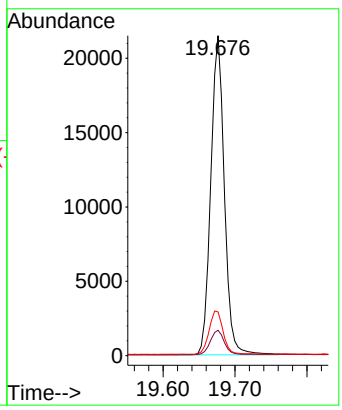


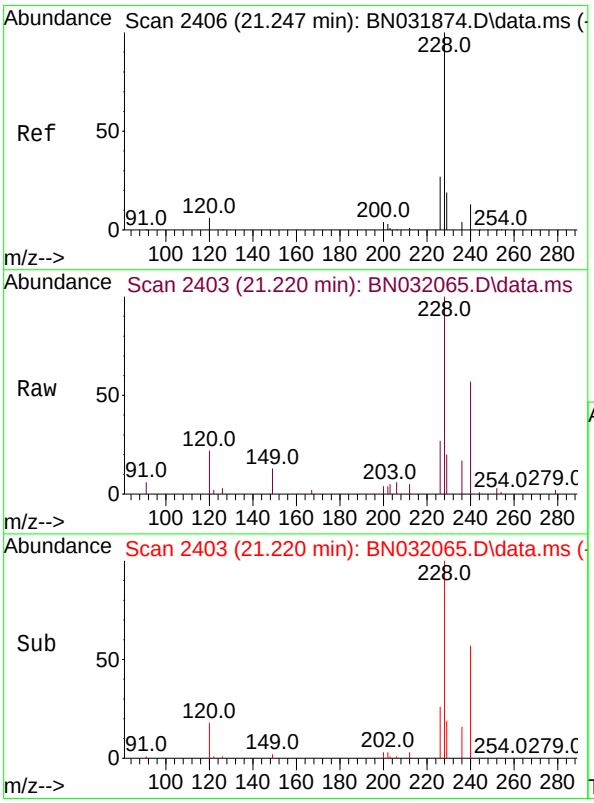
#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.676 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:244 Resp: 28032

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	13.7	11.4	17.0

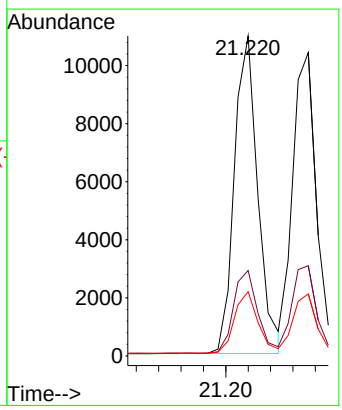


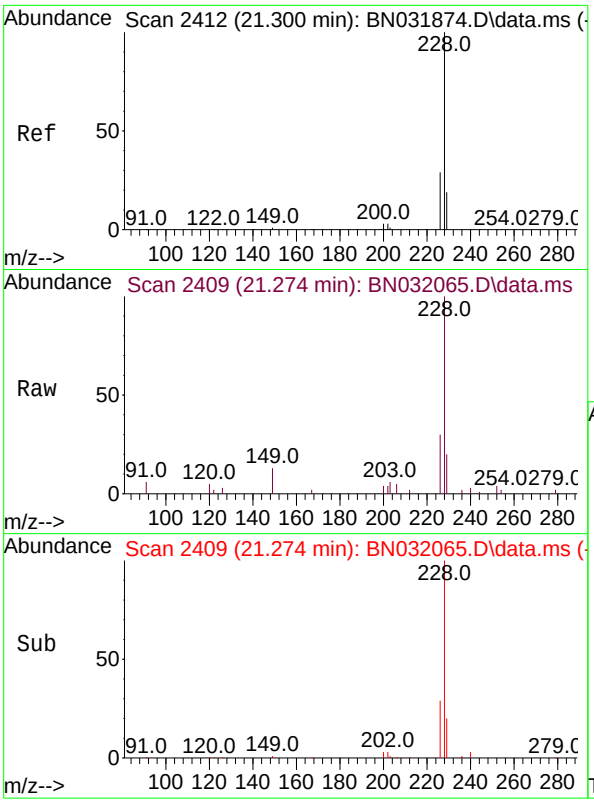


#32
Benzo(a)anthracene
Concen: 0.143 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:228 Resp: 15902

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	20.1	15.8	23.8



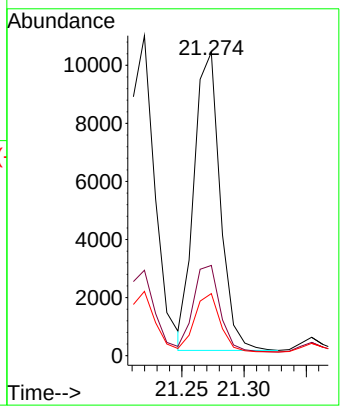


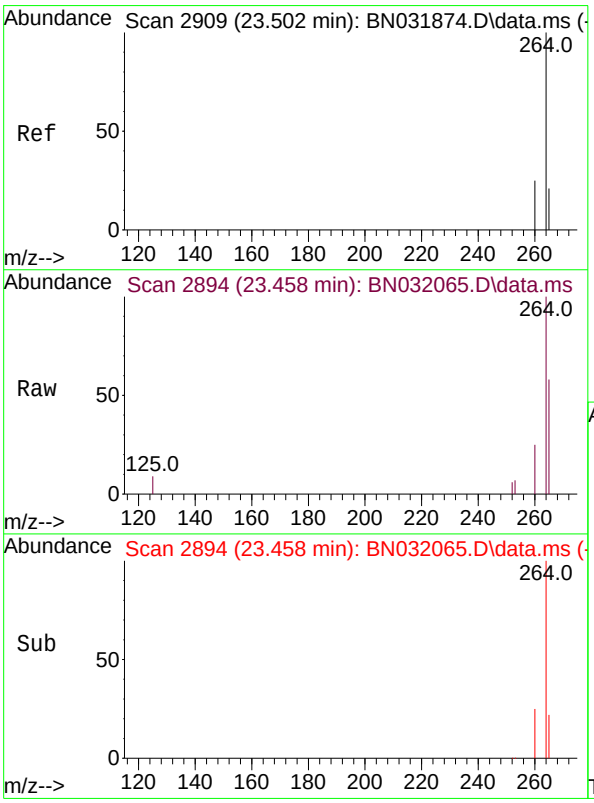
#33
Chrysene
Concen: 0.142 ng
RT: 21.274 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:228 Resp: 15017

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	20.4	15.8	23.6

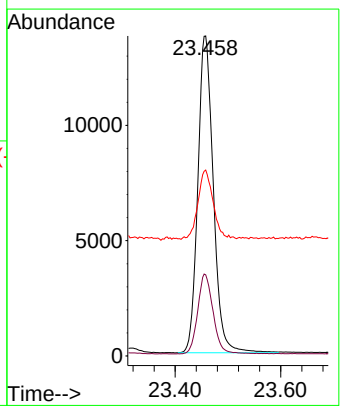


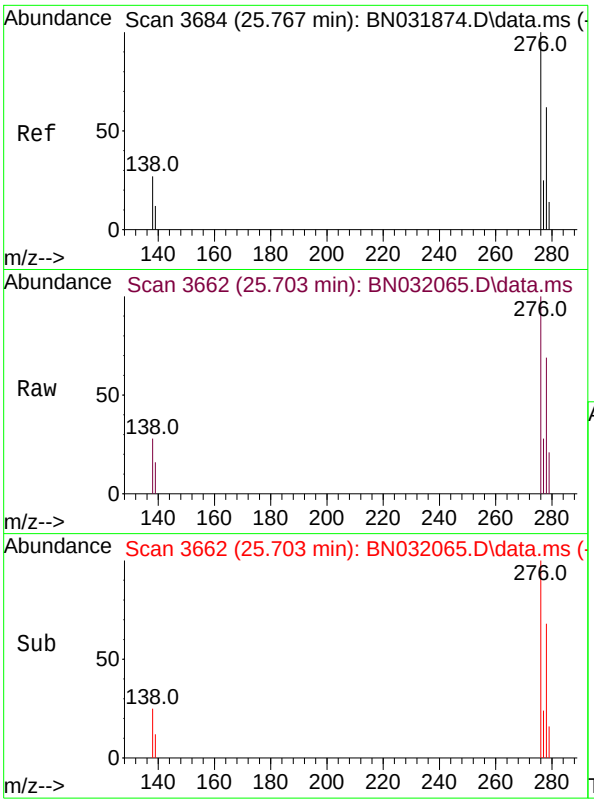


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.458 min Scan# 2894
Delta R.T. 0.006 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:264 Resp: 28053

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	58.1	39.6	59.4



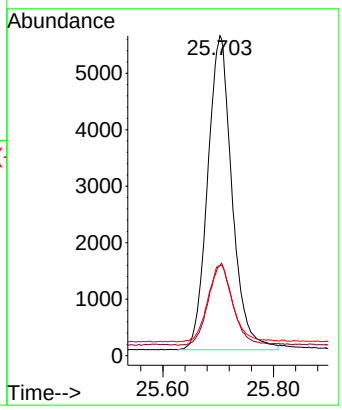


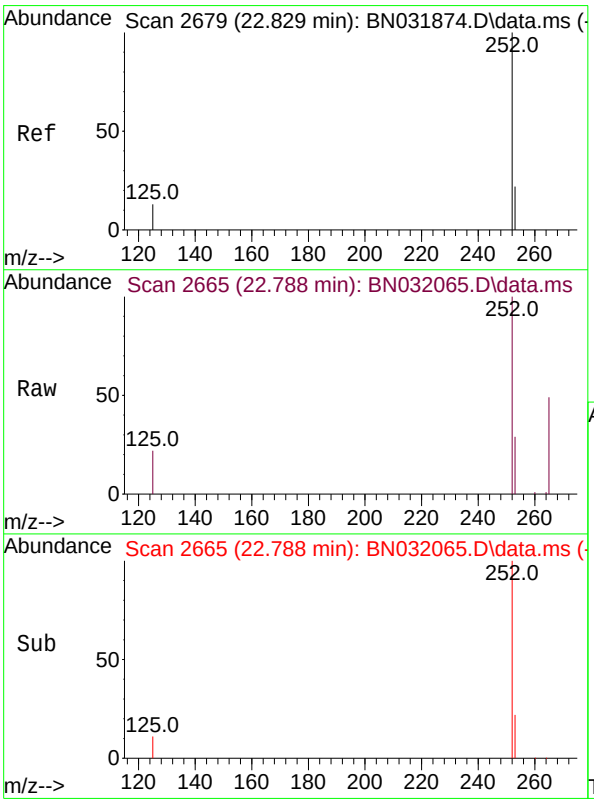
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng
RT: 25.703 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:276 Resp: 17020

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.5	32.3
277	24.7	19.8	29.8

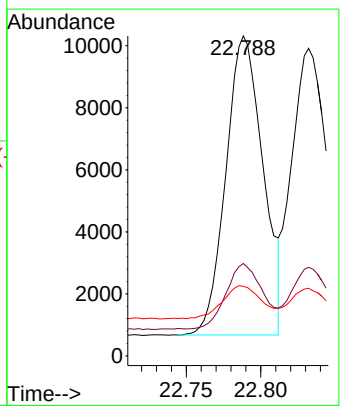


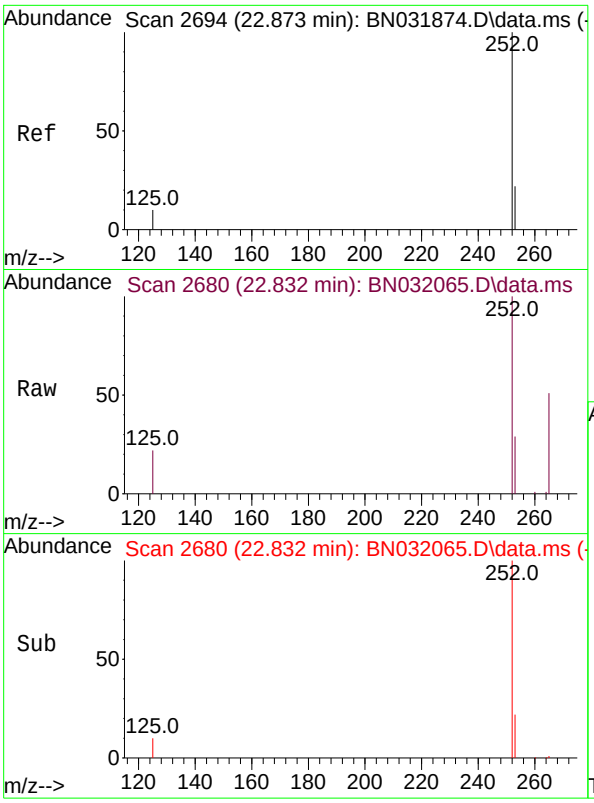


#37
Benzo(b)fluoranthene
Concen: 0.164 ng
RT: 22.788 min Scan# 2665
Delta R.T. 0.003 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:252 Resp: 16743

Ion	Ratio	Lower	Upper
252	100		
253	28.9	20.2	30.2
125	21.8	14.2	21.4#



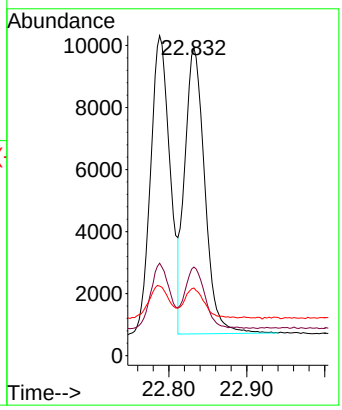


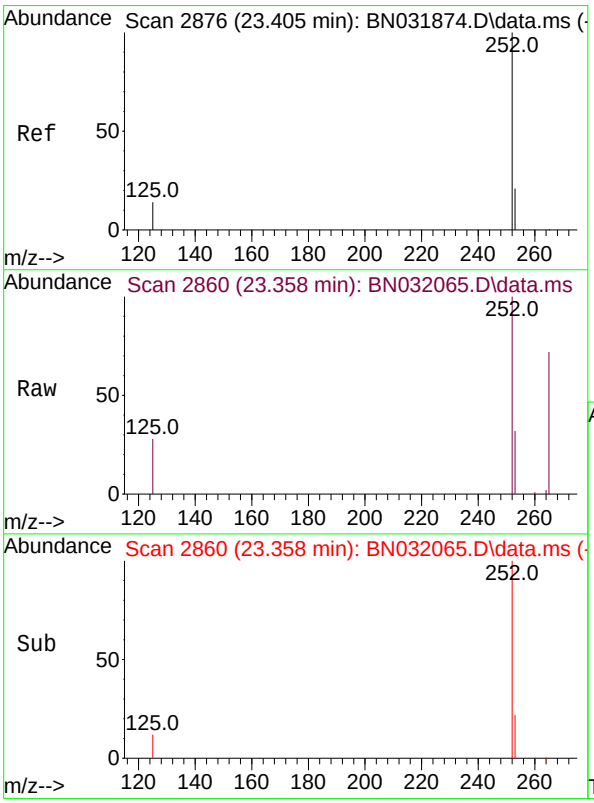
#38
Benzo(k)fluoranthene
Concen: 0.170 ng
RT: 22.832 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:252 Resp: 16411

Ion	Ratio	Lower	Upper
252	100		
253	28.8	19.9	29.9
125	22.0	13.0	19.4#

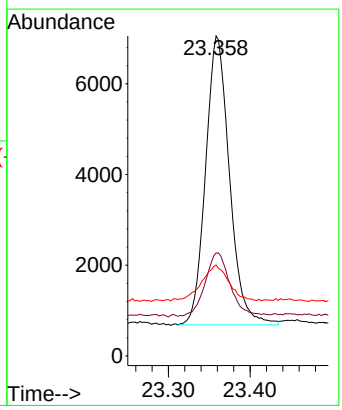


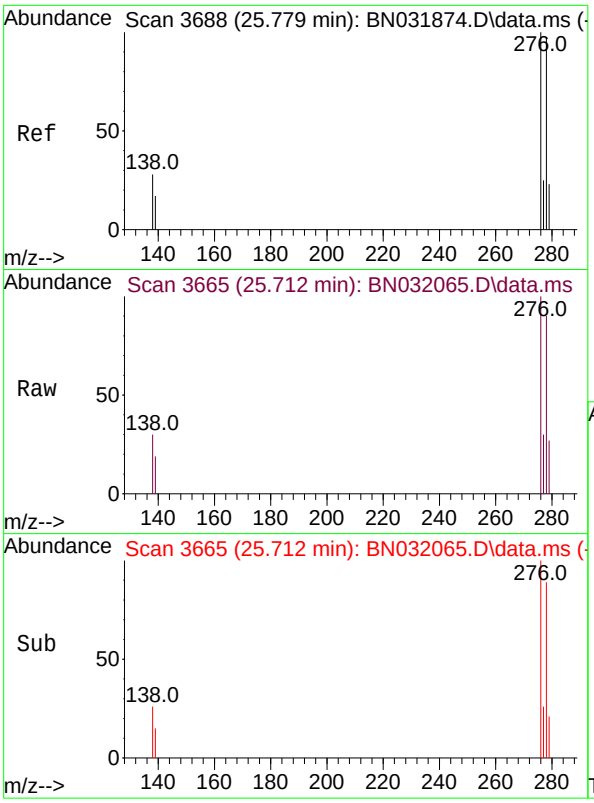


#39
Benzo(a)pyrene
Concen: 0.147 ng
RT: 23.358 min Scan# 2860
Delta R.T. -0.000 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:252 Resp: 12955

Ion	Ratio	Lower	Upper
252	100		
253	32.2	20.5	30.7#
125	28.4	16.4	24.6#



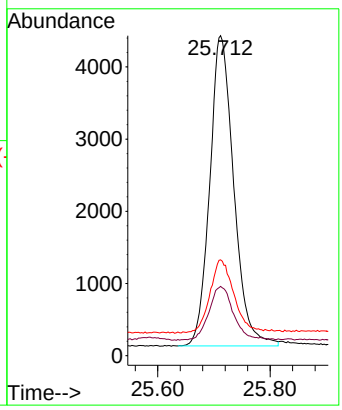


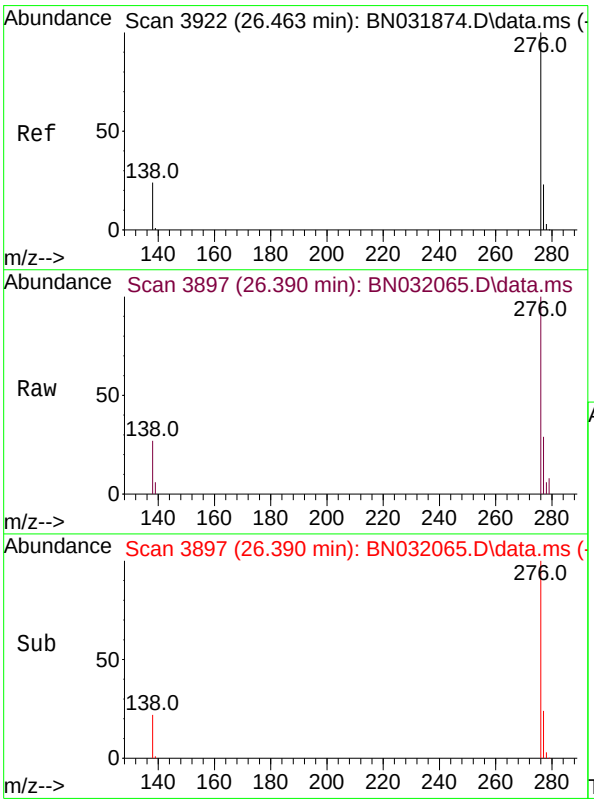
#40
Dibenzo(a,h)anthracene
Concen: 0.155 ng
RT: 25.712 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Instrument :
BNA_N
ClientSampleId :
PB161548BL

Tgt Ion:278 Resp: 12769

Ion	Ratio	Lower	Upper
278	100		
139	21.6	17.0	25.4
279	29.9	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.148 ng
RT: 26.390 min Scan# 3897
Delta R.T. 0.012 min
Lab File: BN032065.D
Acq: 19 Jun 2024 11:28

Tgt Ion:276 Resp: 13111

Ion	Ratio	Lower	Upper
276	100		
277	29.2	20.2	30.2
138	26.6	20.6	31.0