Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035735.D
Acq On : 20 Dec 2024 11:05
Operator : RC/JU
Sample : P5280-04MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 11:38:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.271	152	3051	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	8358	0.400	ng		-0.01
13) Acenaphthene-d10	13.924	164	5197	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	10502	0.400	ng	#	0.00
29) Chrysene-d12	20.947	240	9278	0.400	ng	#	0.00
35) Perylene-d12	23.038	264	9467	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.939	112	857	0.112	ng		0.00
5) Phenol-d6	6.484	99	610	0.066	ng		0.00
8) Nitrobenzene-d5	8.408	82	2016	0.395	ng		0.00
11) 2-Methylnaphthalene-d10	11.615	152	4131	0.316	ng		0.00
14) 2,4,6-Tribromophenol	15.453	330	679	0.184	ng		0.00
15) 2-Fluorobiphenyl	12.538	172	5479	0.279	ng		0.00
27) Fluoranthene-d10	18.757	212	11313	0.380	ng		0.00
31) Terphenyl-d14	19.388	244	8932	0.488	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.981	88	1540	0.528	ng	#	84
3) n-Nitrosodimethylamine	3.270	42	330	0.136	ng	#	78
6) bis(2-Chloroethyl)ether	6.723	93	2206	0.286	ng		98
9) Naphthalene	10.062	128	6003	0.272	ng		99
10) Hexachlorobutadiene	10.351	225	846	0.166	ng	#	98
12) 2-Methylnaphthalene	11.691	142	3950	0.250	ng		99
16) Acenaphthylene	13.636	152	6604	0.303	ng		100
17) Acenaphthene	13.988	154	4230	0.292	ng		98
18) Fluorene	14.993	166	5719	0.276	ng		100
20) 4,6-Dinitro-2-methylph...	15.122	198	103	0.100	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2167	0.353	ng	#	84
22) Hexachlorobenzene	16.003	284	2445	0.339	ng		96
23) Atrazine	16.202	200	1259	0.288	ng		94
24) Pentachlorophenol	16.375	266	273	0.087	ng	#	79
25) Phenanthrene	16.735	178	10260	0.356	ng		100
26) Anthracene	16.835	178	8925	0.342	ng		99
28) Fluoranthene	18.789	202	12930	0.332	ng		99
30) Pyrene	19.156	202	13495	0.394	ng		99
32) Benzo(a)anthracene	20.938	228	11302	0.348	ng		99
33) Chrysene	20.982	228	12637	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	6113	0.477	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.061	276	12412	0.335	ng		97
37) Benzo(b)fluoranthene	22.427	252	18573	0.536	ng		95
38) Benzo(k)fluoranthene	22.427	252	18573	0.545	ng		96
39) Benzo(a)pyrene	22.950	252	9310	0.326	ng	#	90
40) Dibenzo(a,h)anthracene	25.082	278	9663	0.331	ng		95
41) Benzo(g,h,i)perylene	25.675	276	9301	0.305	ng		99

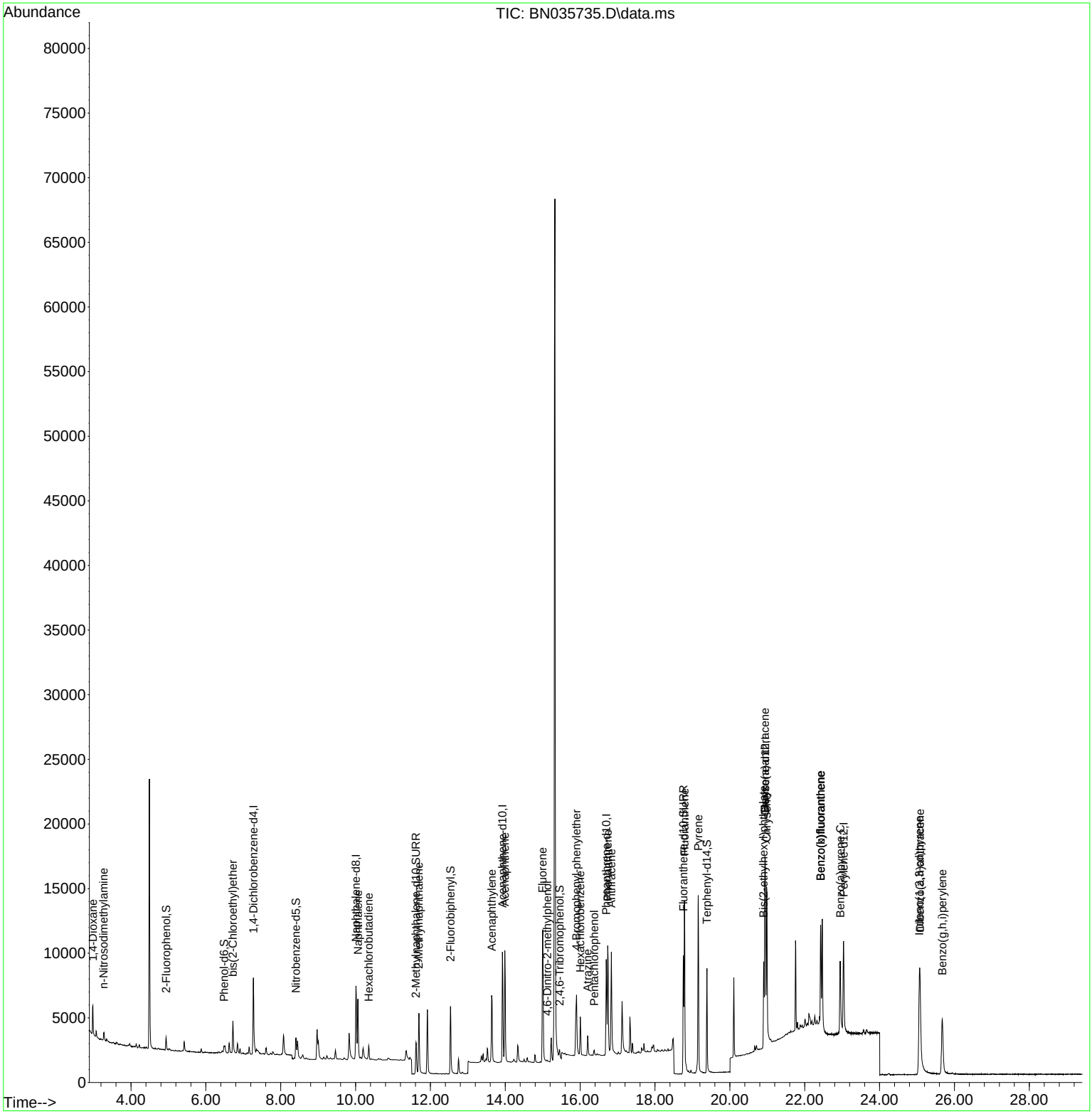
(#) = qualifier out of range (m) = manual integration (+) = signals summed

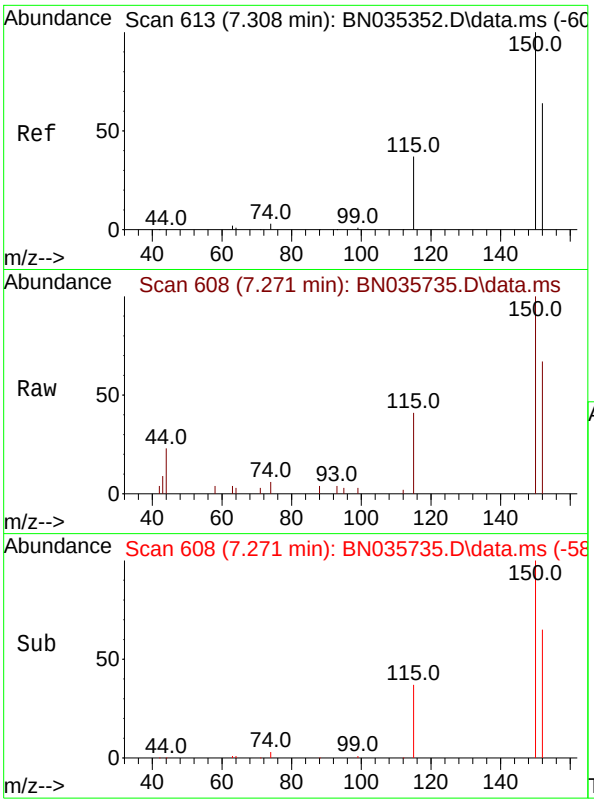
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035735.D
Acq On : 20 Dec 2024 11:05
Operator : RC/JU
Sample : P5280-04MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 11:38:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



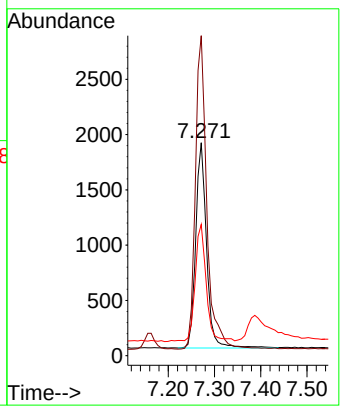


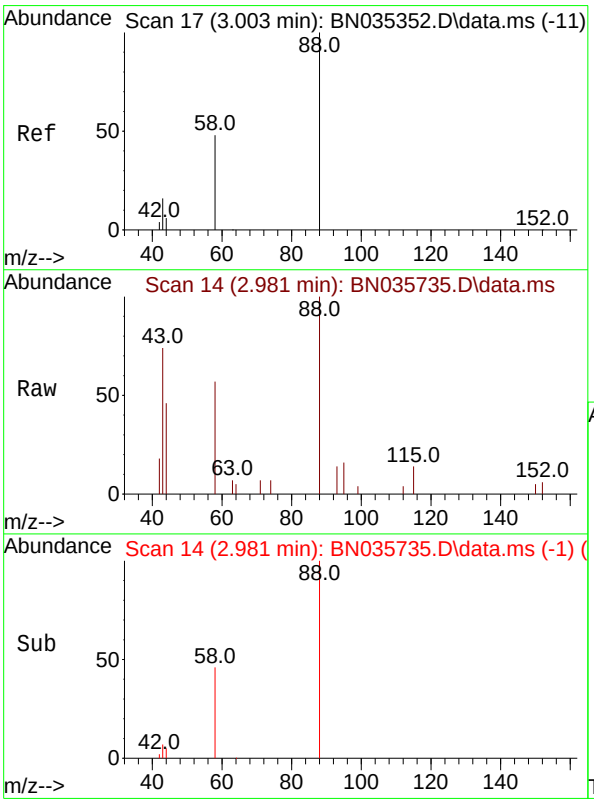
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.271 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3051

Ion	Ratio	Lower	Upper
152	100		
150	150.2	124.0	186.0
115	61.6	49.6	74.4

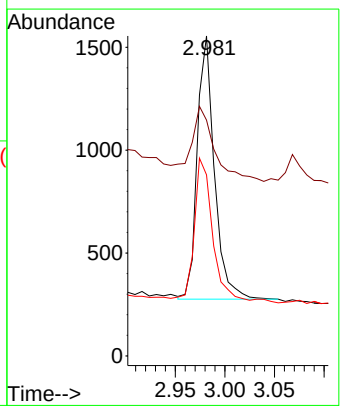


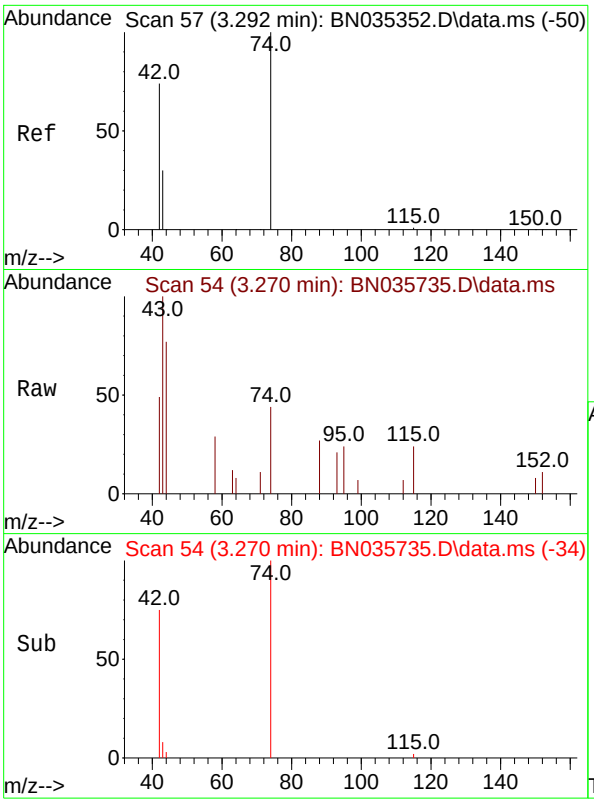


#2
1,4-Dioxane
Concen: 0.528 ng
RT: 2.981 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion: 88 Resp: 1540

Ion	Ratio	Lower	Upper
88	100		
43	40.1	17.2	25.8#
58	60.8	44.5	66.7



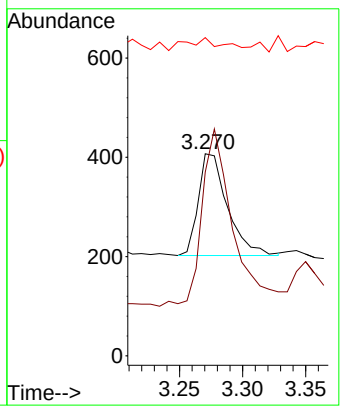


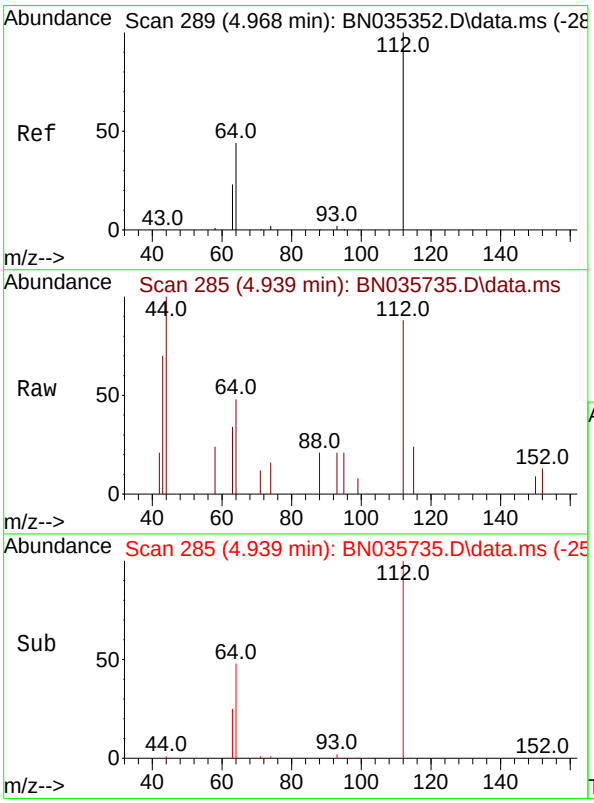
#3
n-Nitrosodimethylamine
Concen: 0.136 ng
RT: 3.270 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 330

Ion	Ratio	Lower	Upper
42	100		
74	184.5	124.9	187.3
44	0.0	2.2	3.4#

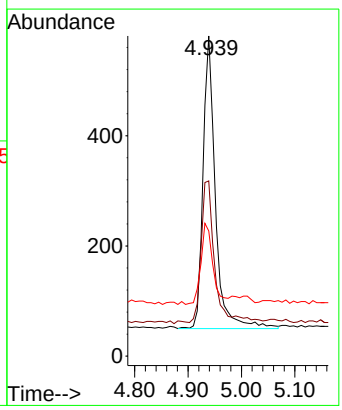


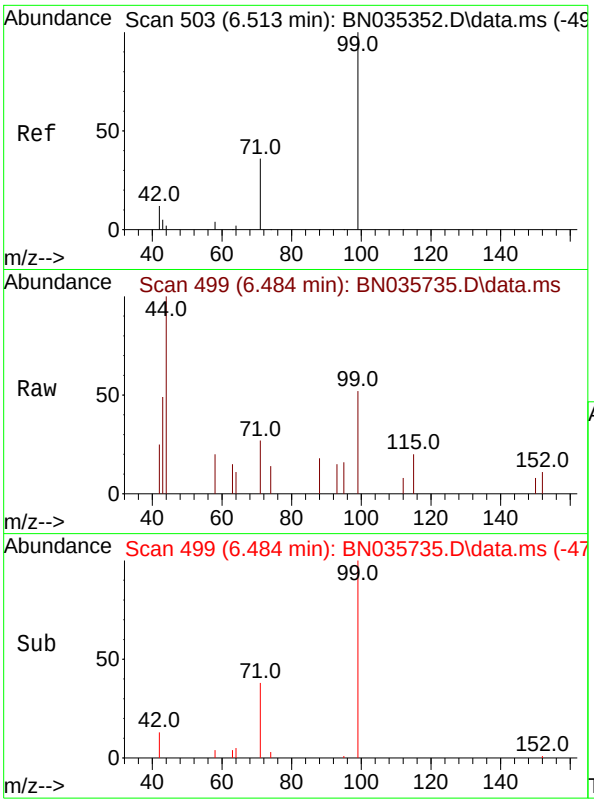


#4
2-Fluorophenol
Concen: 0.112 ng
RT: 4.939 min Scan# 285
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:112 Resp: 857

Ion	Ratio	Lower	Upper
112	100		
64	52.4	39.8	59.8
63	26.8	21.0	31.6



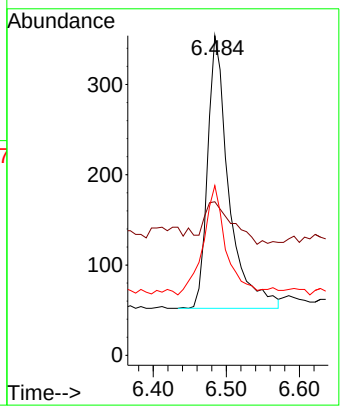


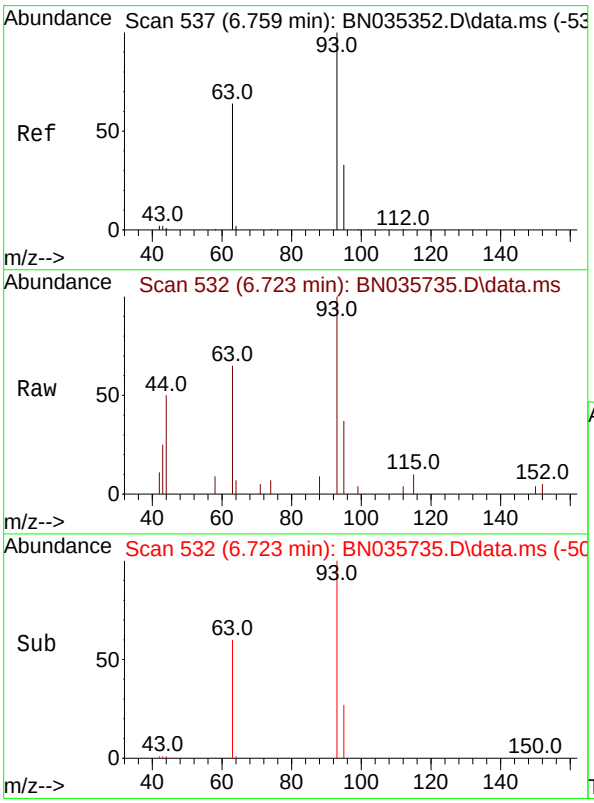
#5
Phenol-d6
Concen: 0.066 ng
RT: 6.484 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 610

Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.4	17.2#
71	43.3	29.3	43.9

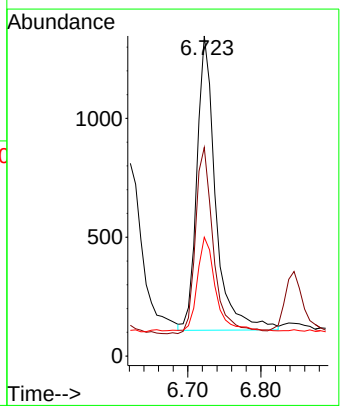


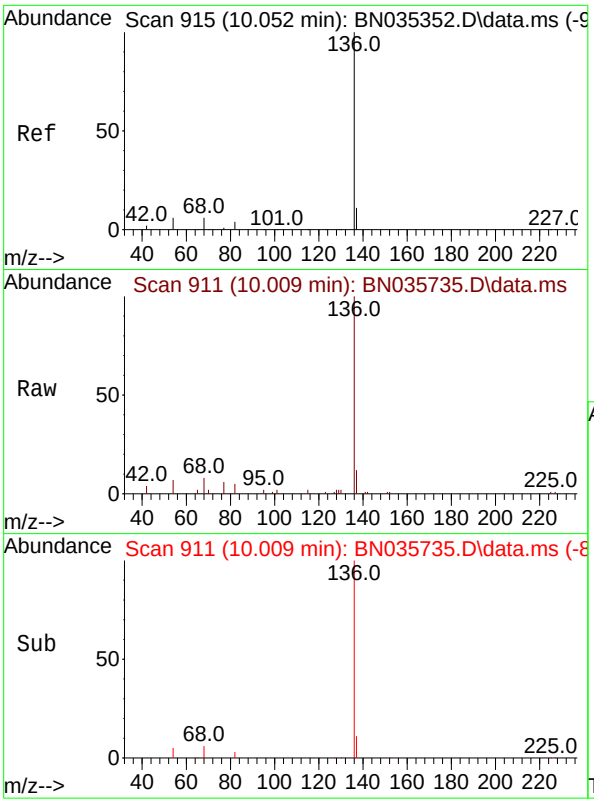


#6
bis(2-Chloroethyl)ether
Concen: 0.286 ng
RT: 6.723 min Scan# 532
Delta R.T. -0.007 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion: 93 Resp: 2206

Ion	Ratio	Lower	Upper
93	100		
63	61.4	50.4	75.6
95	30.6	25.7	38.5



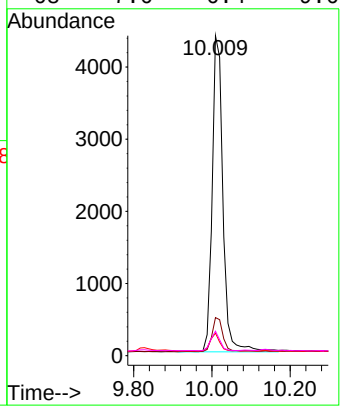


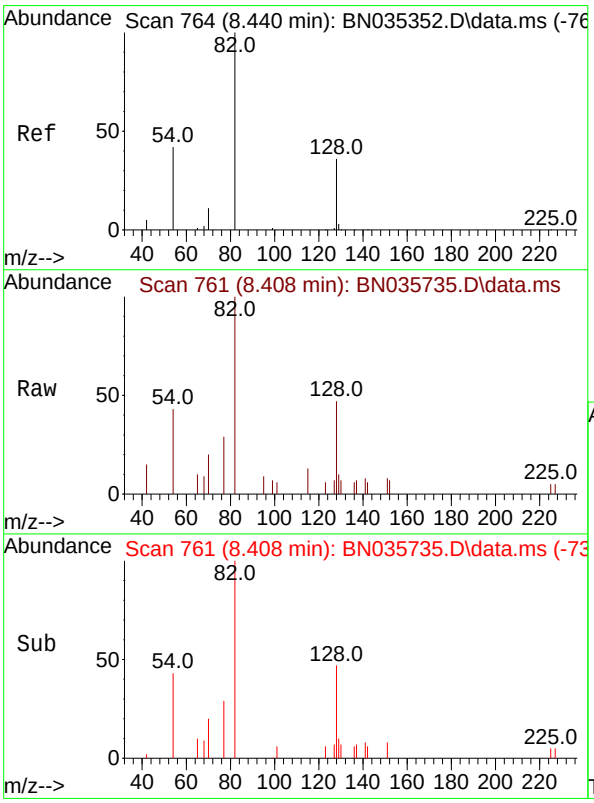
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 8358

Ion	Ratio	Lower	Upper
136	100		
137	11.9	10.2	15.2
54	7.0	6.1	9.1
68	7.6	6.4	9.6

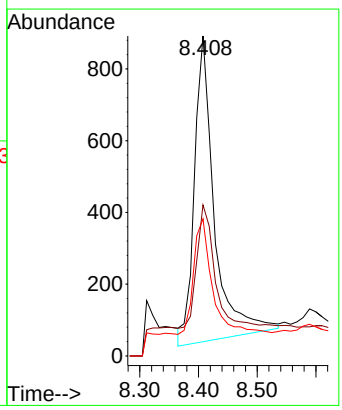


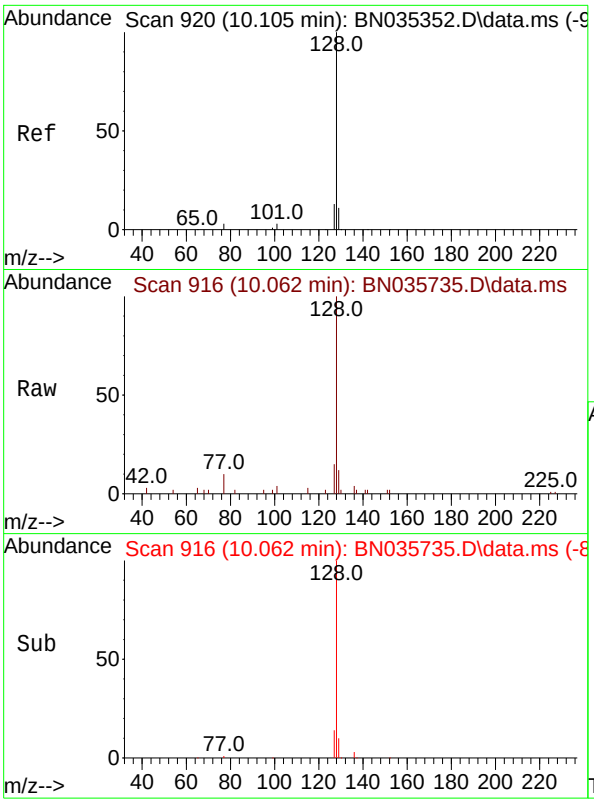


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion: 82 Resp: 2016

Ion	Ratio	Lower	Upper
82	100		
128	47.2	33.4	50.0
54	42.8	36.7	55.1



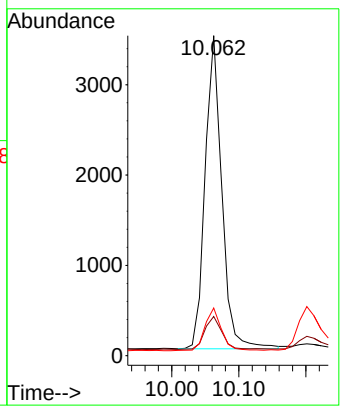


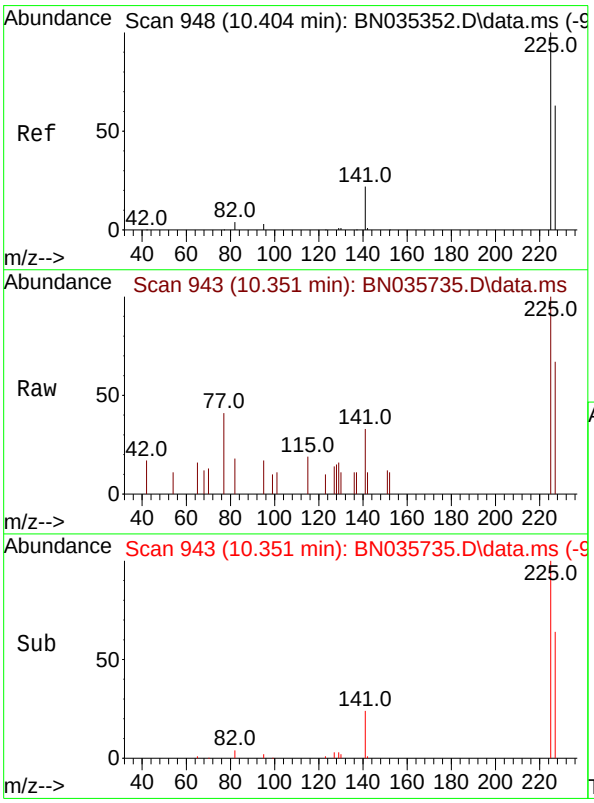
#9
Naphthalene
Concen: 0.272 ng
RT: 10.062 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6003

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.9	11.4	17.2

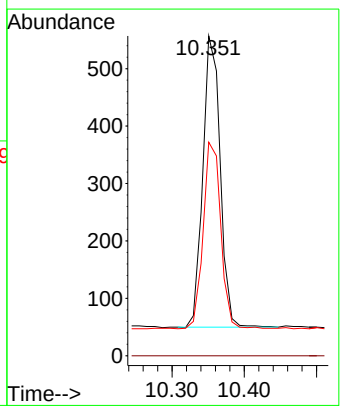


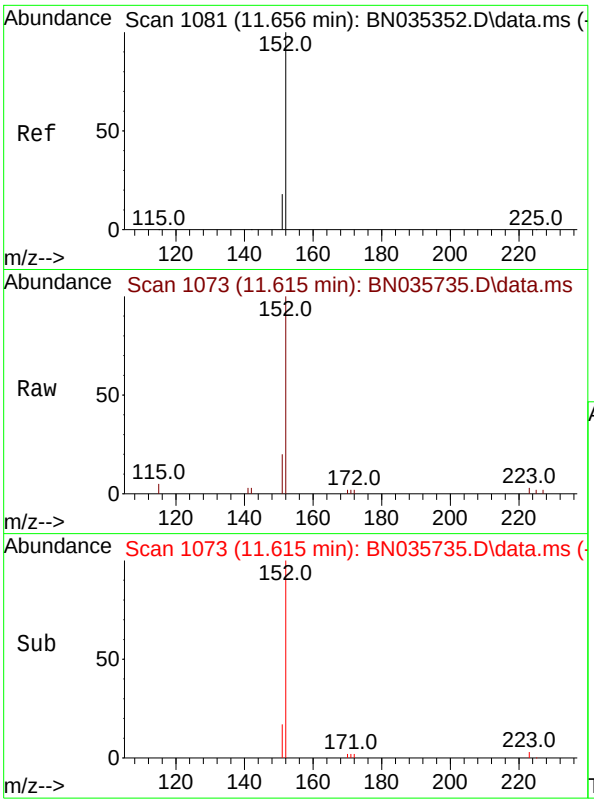


#10
Hexachlorobutadiene
Concen: 0.166 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:225 Resp: 846

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	51.3	76.9



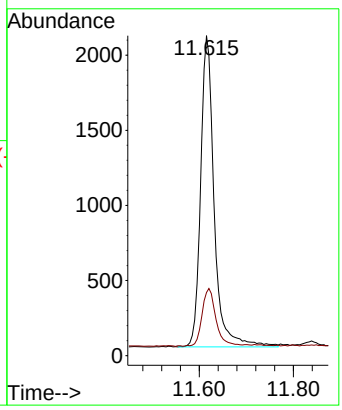


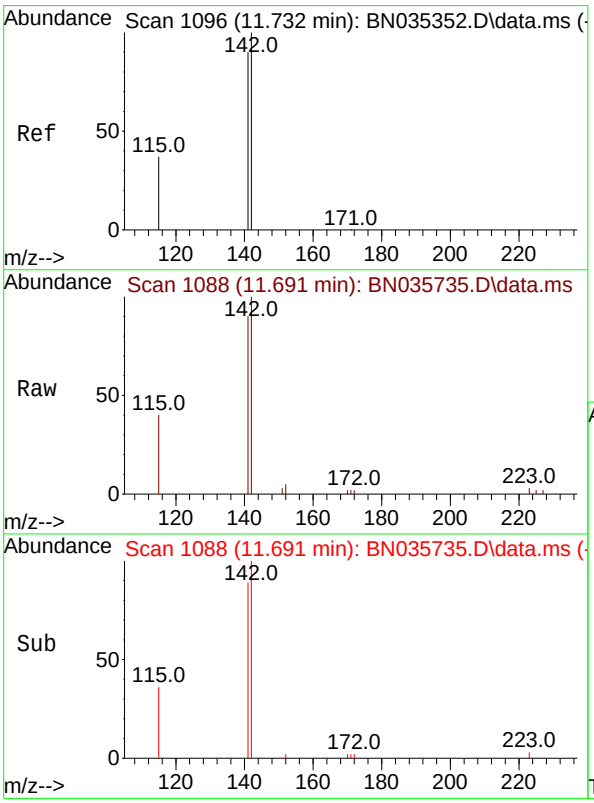
#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 11.615 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4131

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.6	25.0

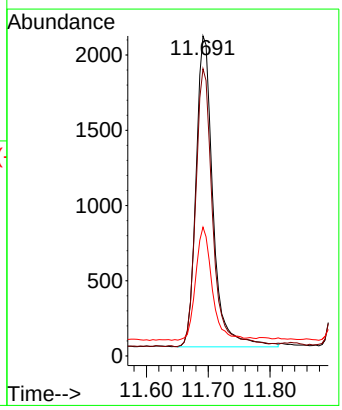


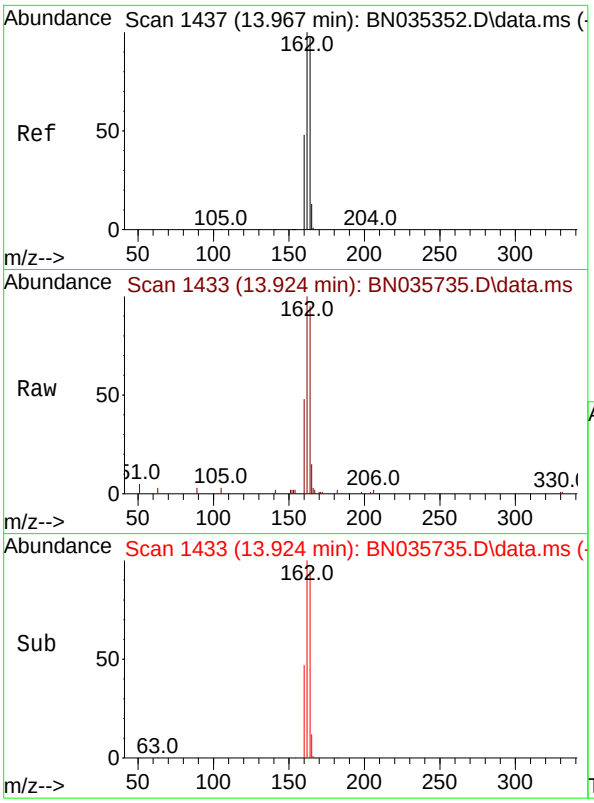


#12
2-Methylnaphthalene
Concen: 0.250 ng
RT: 11.691 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:142 Resp: 3950

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	40.2	31.4	47.0



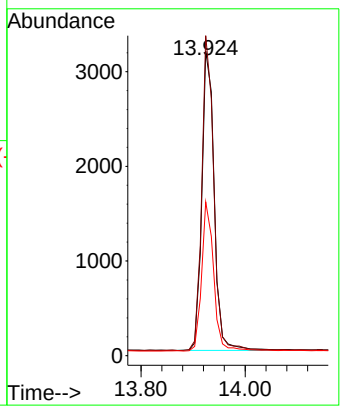


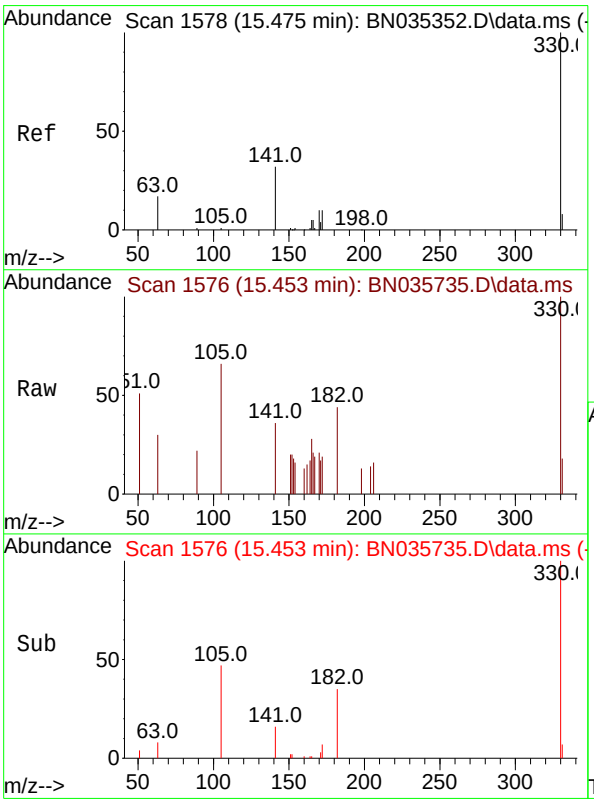
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5197

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.2	123.2
160	50.5	40.1	60.1

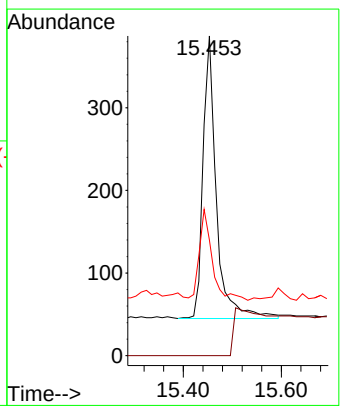


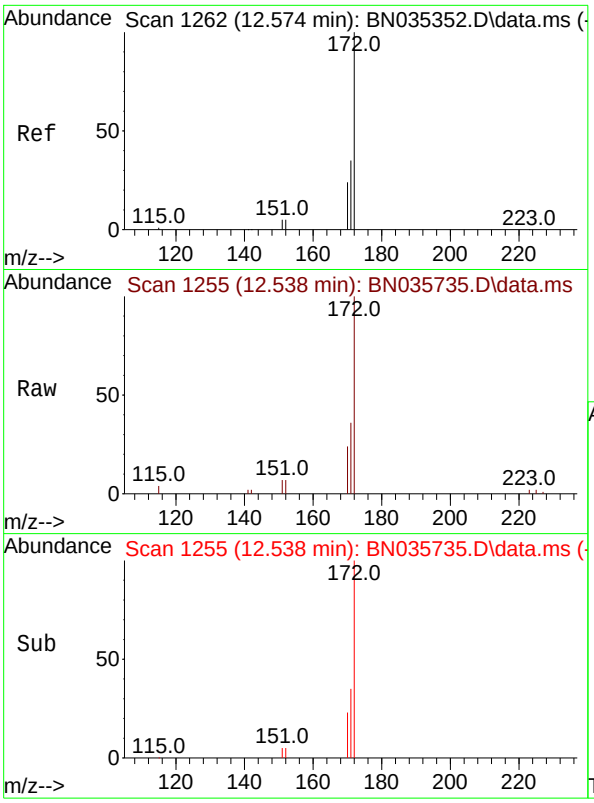


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.453 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:330 Resp: 679

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.9	26.6	40.0



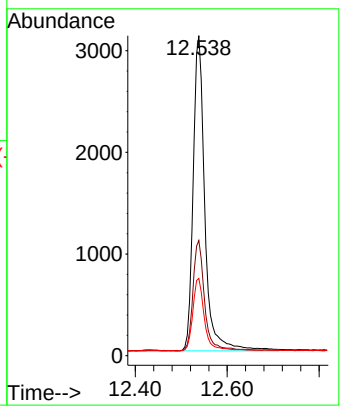


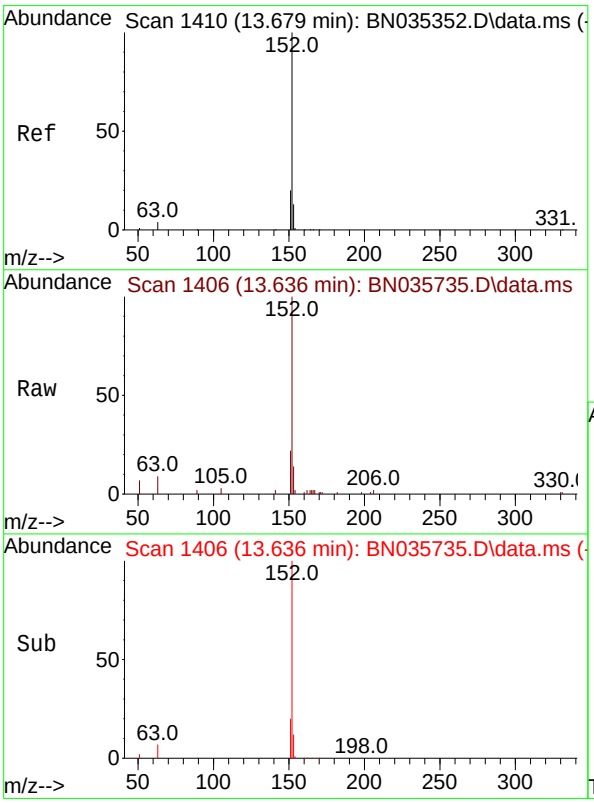
#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 12.538 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5479

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	19.8	29.8

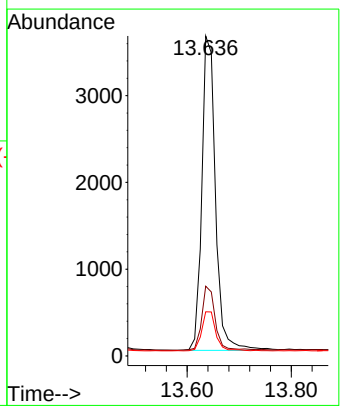


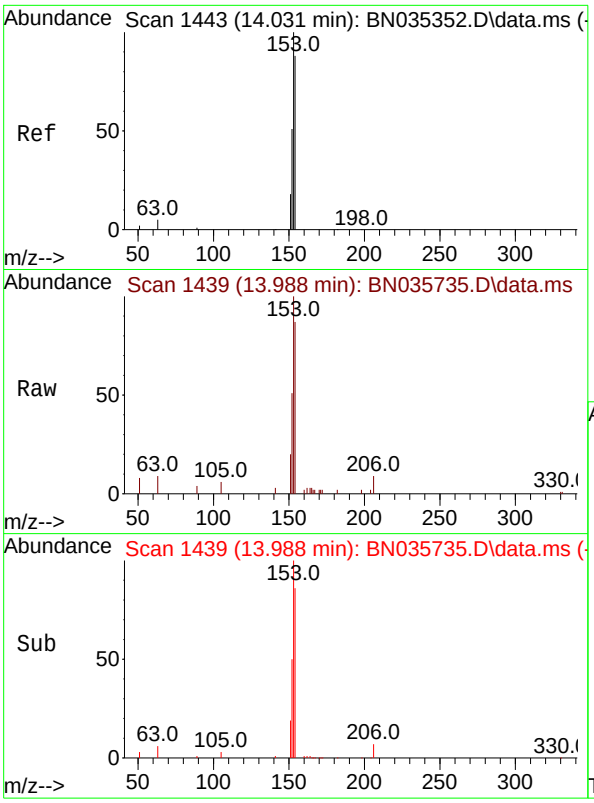


#16
Acenaphthylene
Concen: 0.303 ng
RT: 13.636 min Scan# 1406
Delta R.T. -0.011 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:152 Resp: 6604

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.1	10.4	15.6



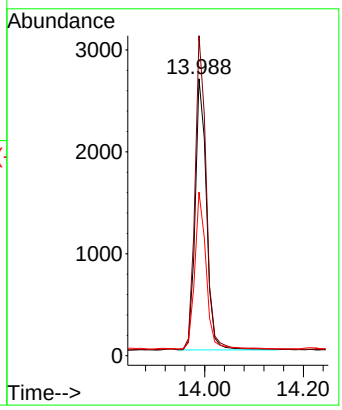


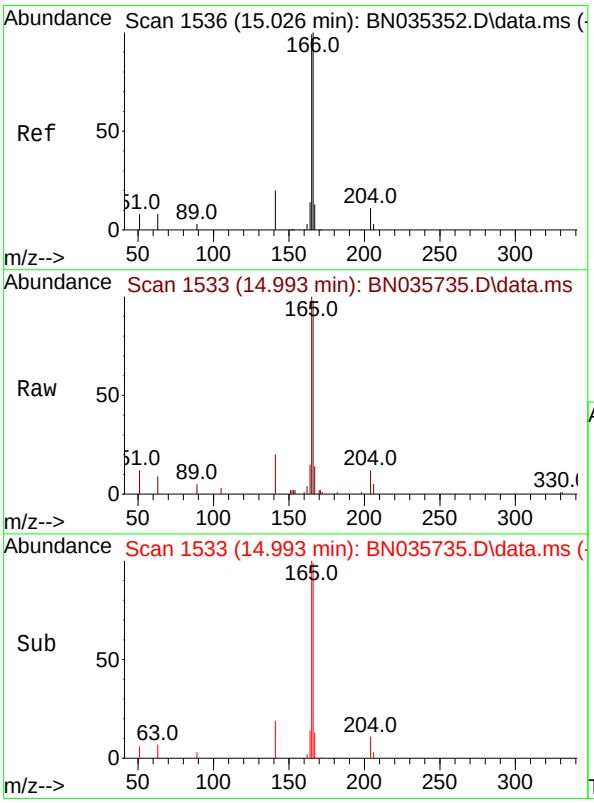
#17
Acenaphthene
Concen: 0.292 ng
RT: 13.988 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4230

Ion	Ratio	Lower	Upper
154	100		
153	116.1	92.6	139.0
152	57.3	49.0	73.6

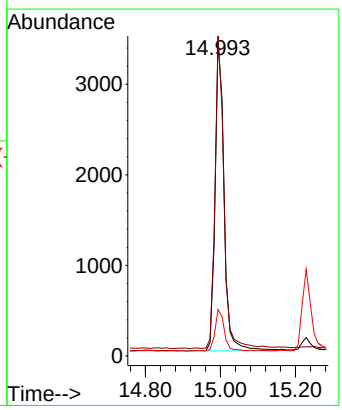


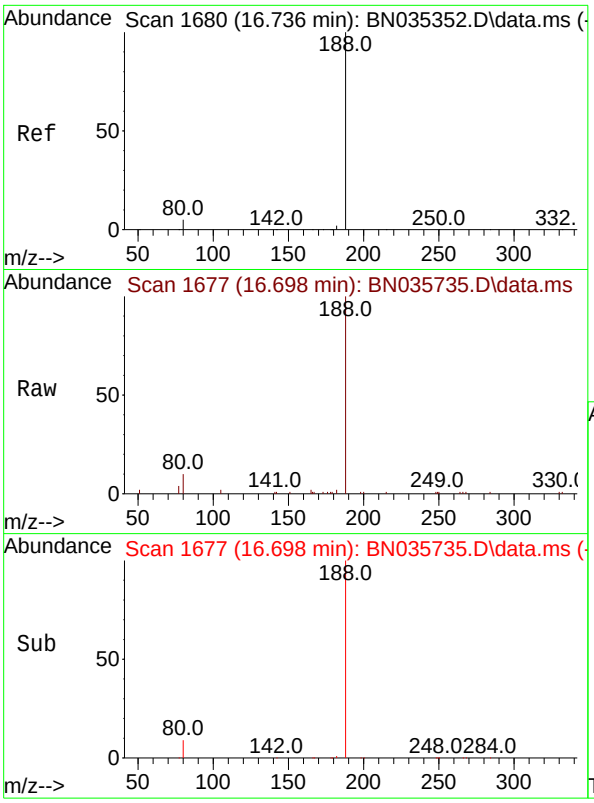


#18
Fluorene
Concen: 0.276 ng
RT: 14.993 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:166 Resp: 5719

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.7	119.5
167	13.9	10.8	16.2



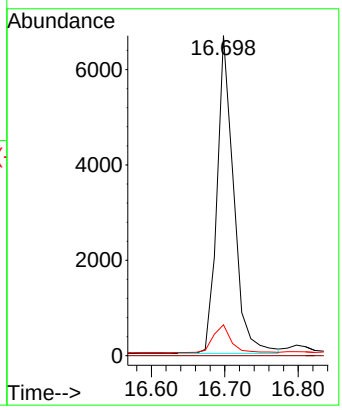


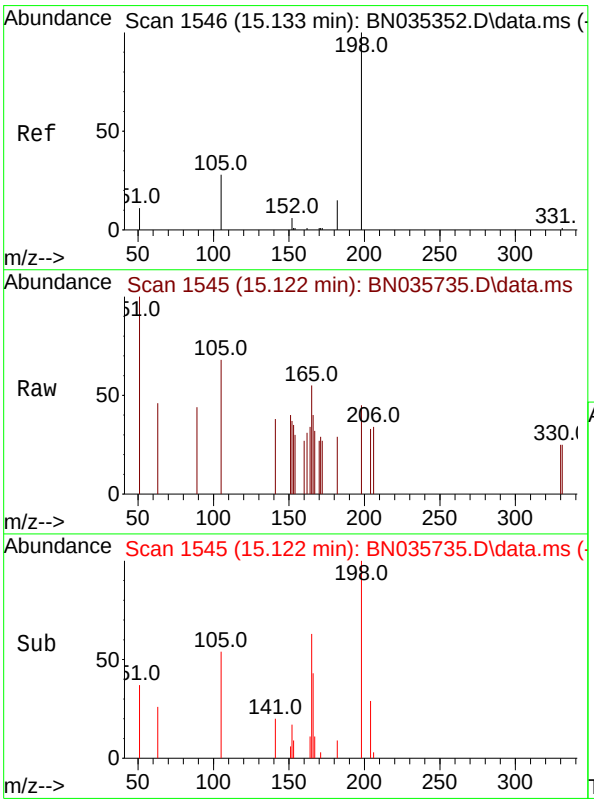
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10502

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	4.6	6.8#

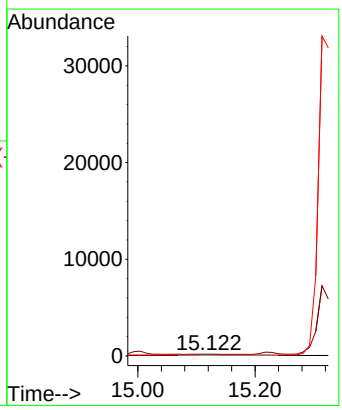


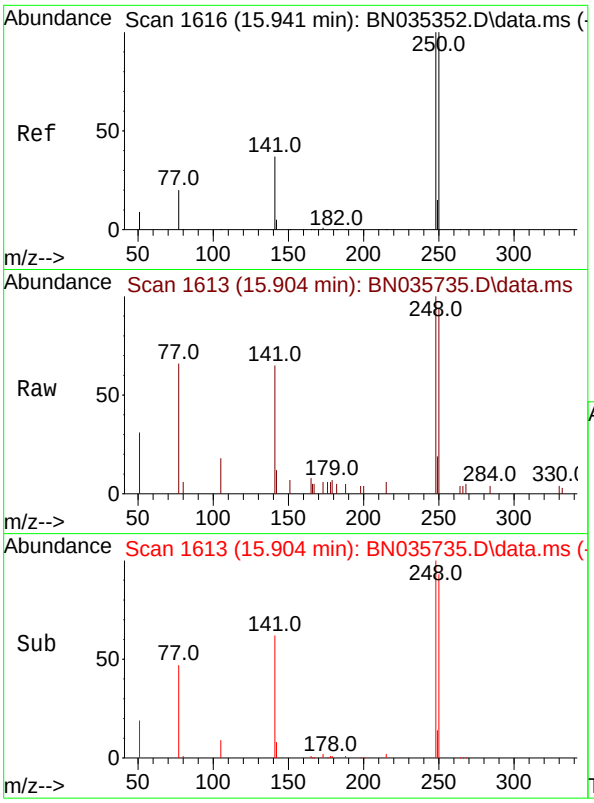


#20
4,6-Dinitro-2-methylphenol
Concen: 0.100 ng
RT: 15.122 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:198 Resp: 103

Ion	Ratio	Lower	Upper
198	100		
51	220.2	46.5	69.7#
105	150.0	45.3	67.9#



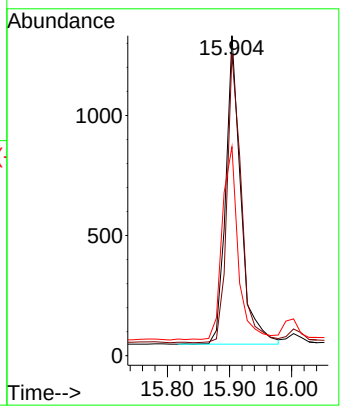


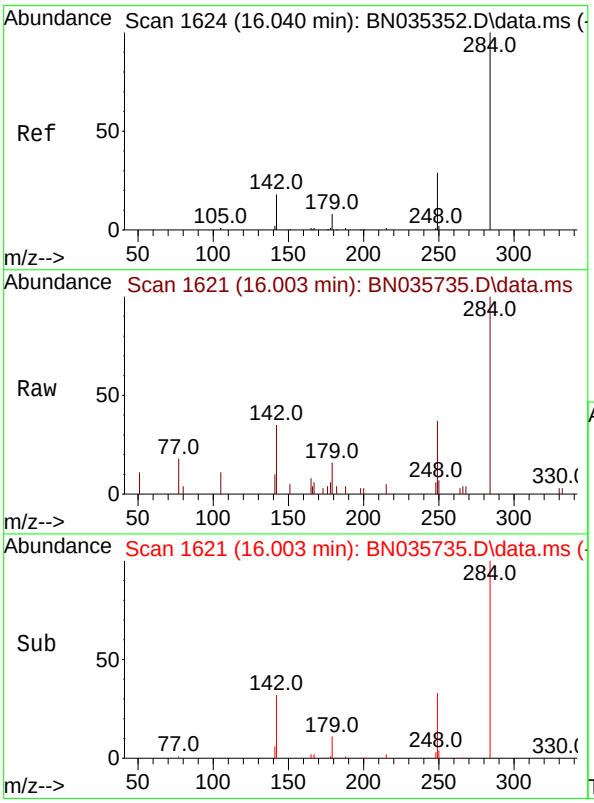
#21
4-Bromophenyl-phenylether
Concen: 0.353 ng
RT: 15.904 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 2167

Ion	Ratio	Lower	Upper
248	100		
250	94.2	80.6	120.8
141	65.2	31.5	47.3#

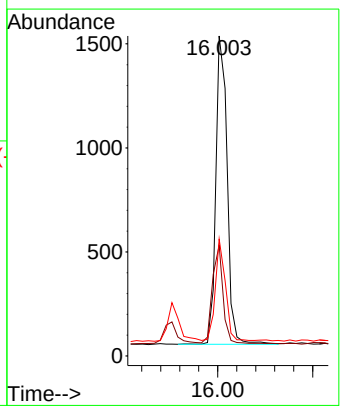


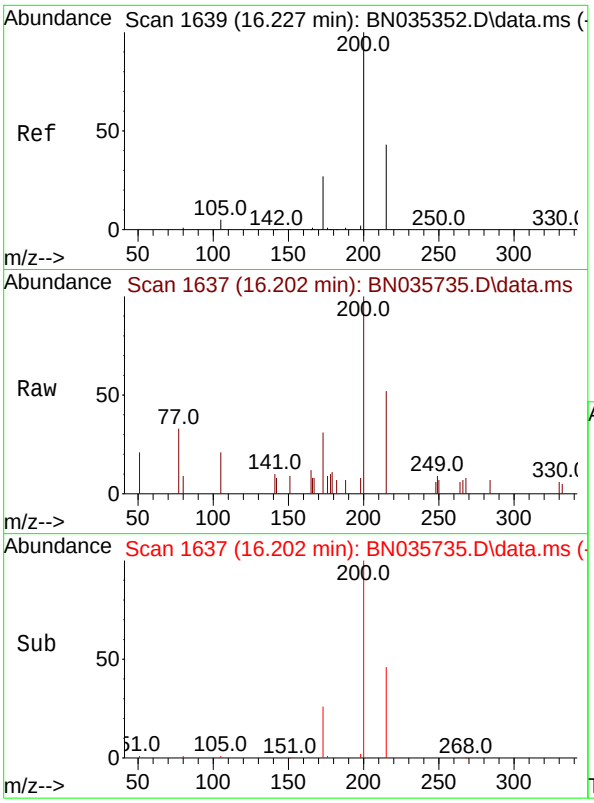


#22
Hexachlorobenzene
Concen: 0.339 ng
RT: 16.003 min Scan# 1621
Delta R.T. -0.013 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:284 Resp: 2445

Ion	Ratio	Lower	Upper
284	100		
142	30.1	26.7	40.1
249	29.0	24.6	36.8



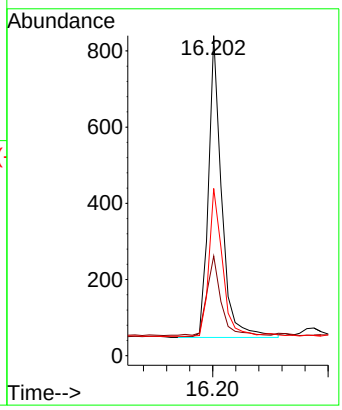


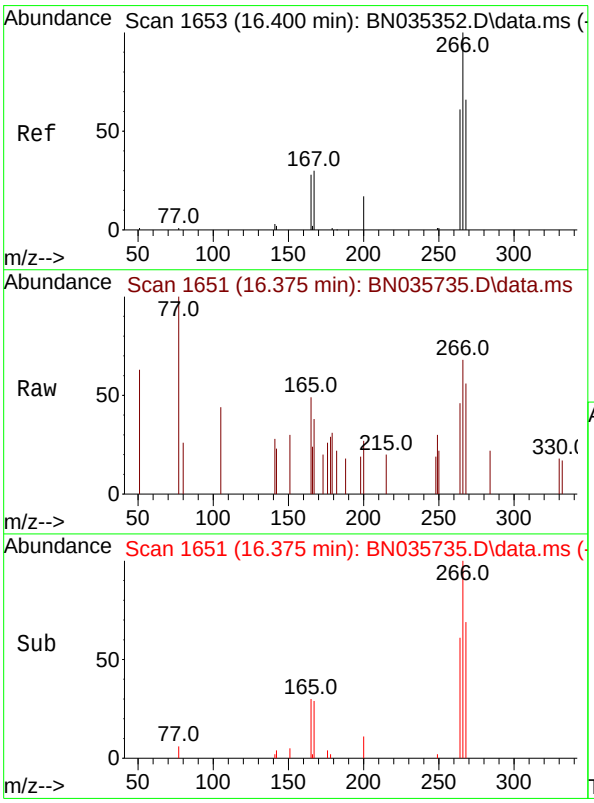
#23
Atrazine
Concen: 0.288 ng
RT: 16.202 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1259

Ion	Ratio	Lower	Upper
200	100		
173	31.2	24.1	36.1
215	52.3	36.9	55.3

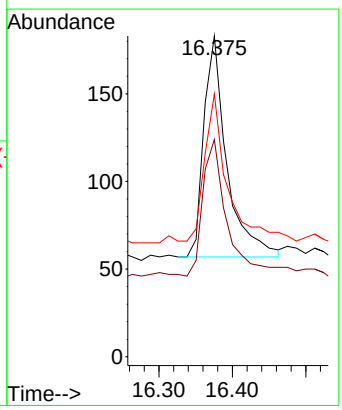


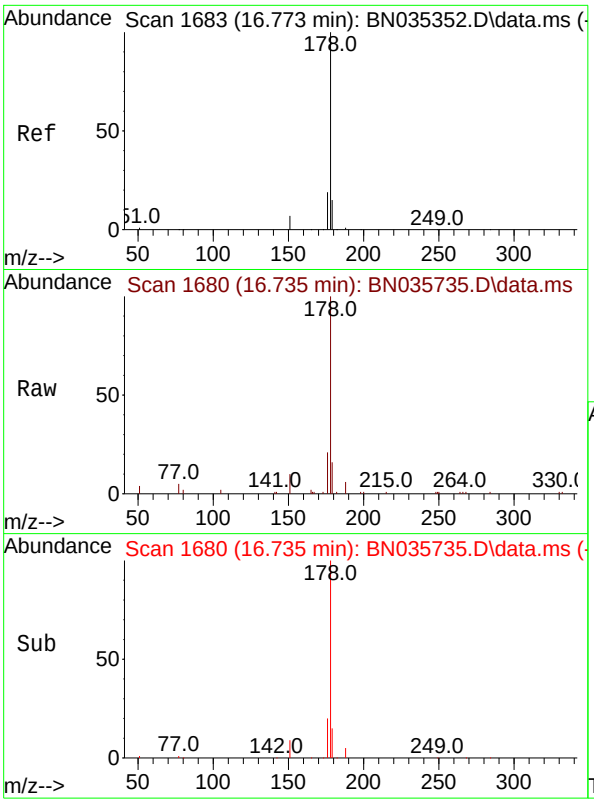


#24
Pentachlorophenol
Concen: 0.087 ng
RT: 16.375 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:266 Resp: 273

Ion	Ratio	Lower	Upper
266	100		
264	65.9	42.3	63.5#
268	70.7	43.3	64.9#



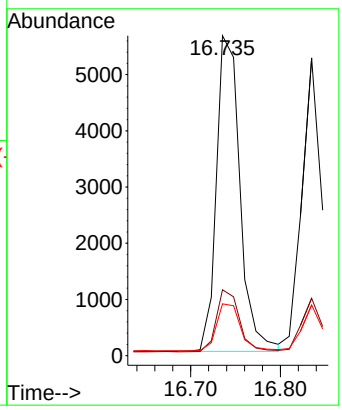


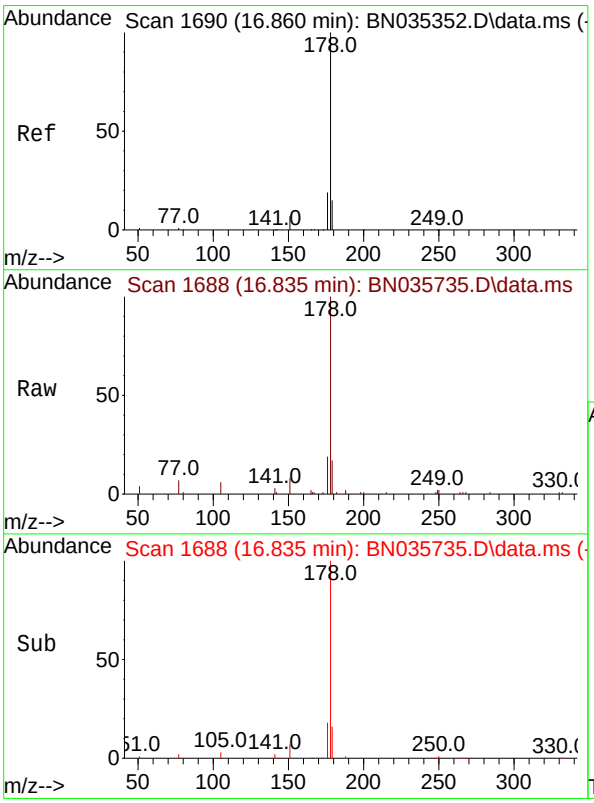
#25
Phenanthrene
Concen: 0.356 ng
RT: 16.735 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10260

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.3	18.5

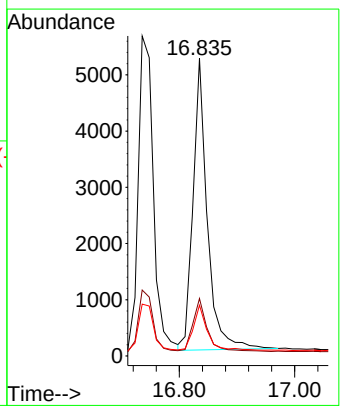


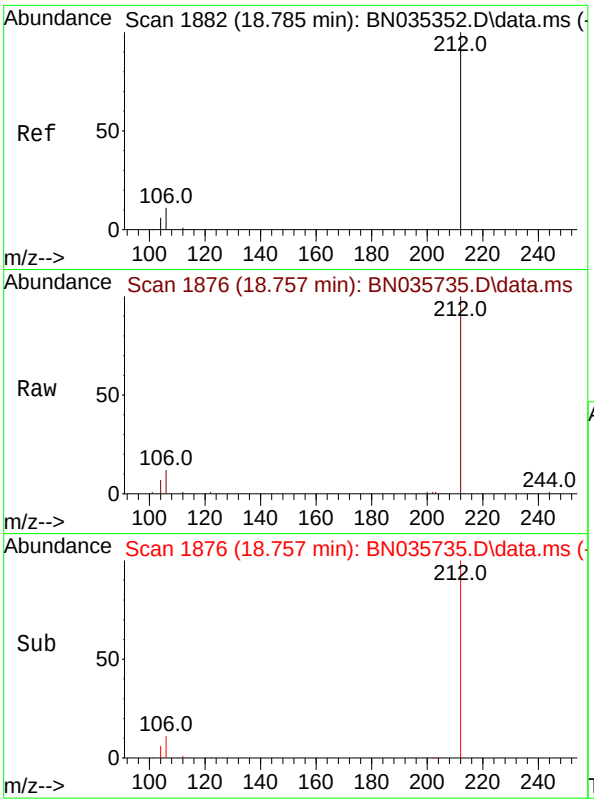


#26
Anthracene
Concen: 0.342 ng
RT: 16.835 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:178 Resp: 8925

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.6	18.8



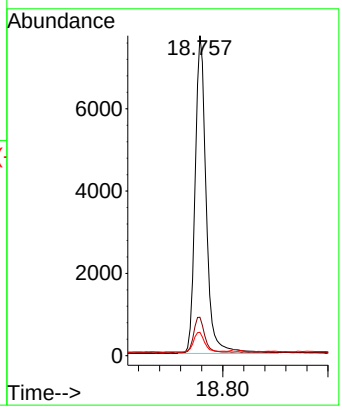


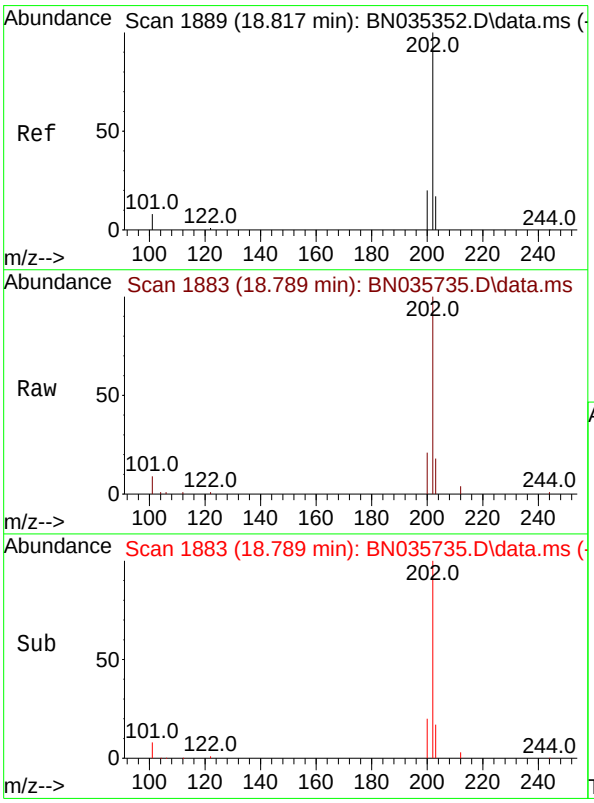
#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 18.757 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 11313

Ion	Ratio	Lower	Upper
212	100		
106	11.3	9.2	13.8
104	6.1	5.3	7.9

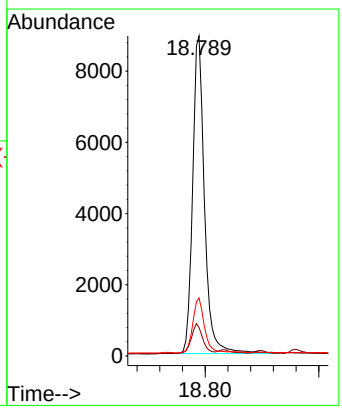


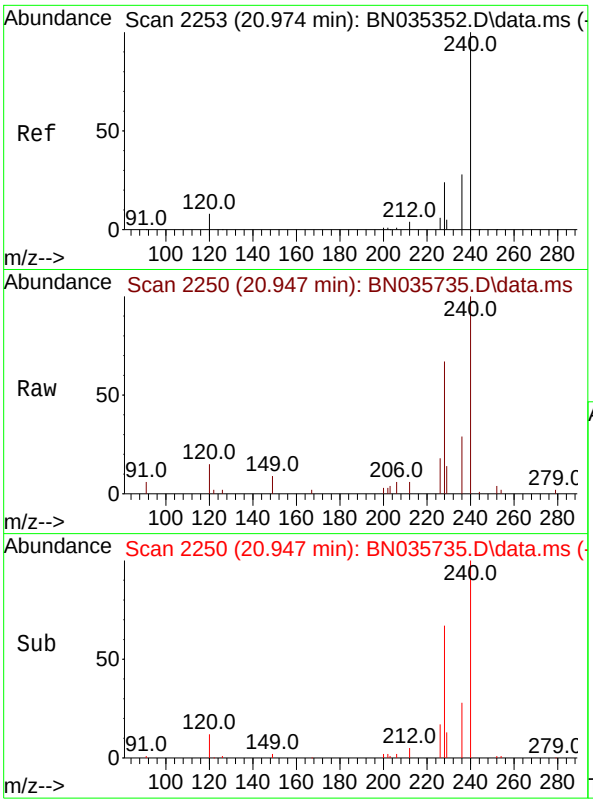


#28
Fluoranthene
Concen: 0.332 ng
RT: 18.789 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:202 Resp: 12930

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.0
203	16.8	13.7	20.5



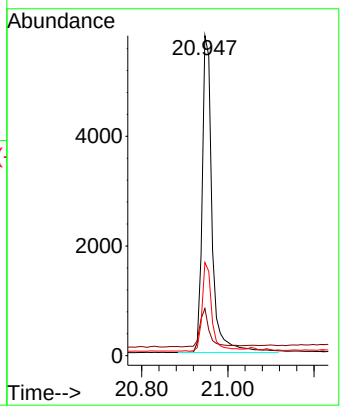


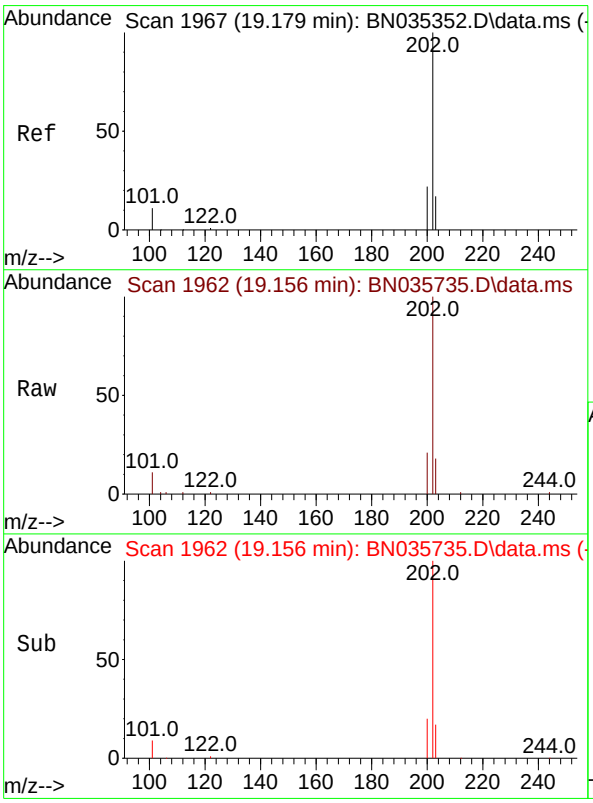
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 9278

Ion	Ratio	Lower	Upper
240	100		
120	14.8	7.9	11.9#
236	29.1	22.9	34.3

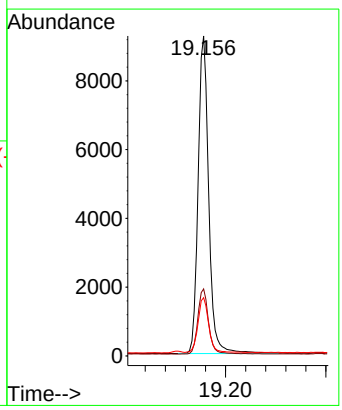


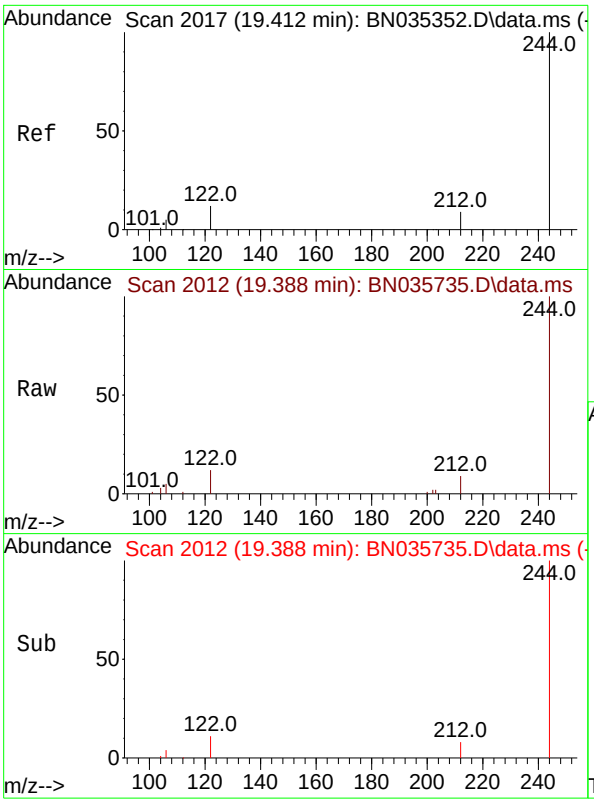


#30
Pyrene
Concen: 0.394 ng
RT: 19.156 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:202 Resp: 13495

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.6	14.3	21.5



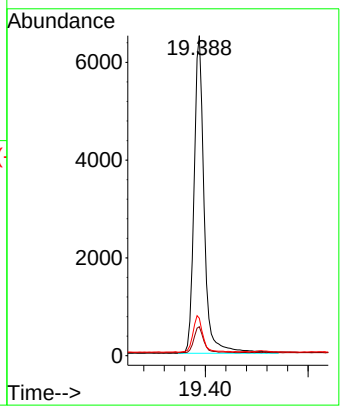


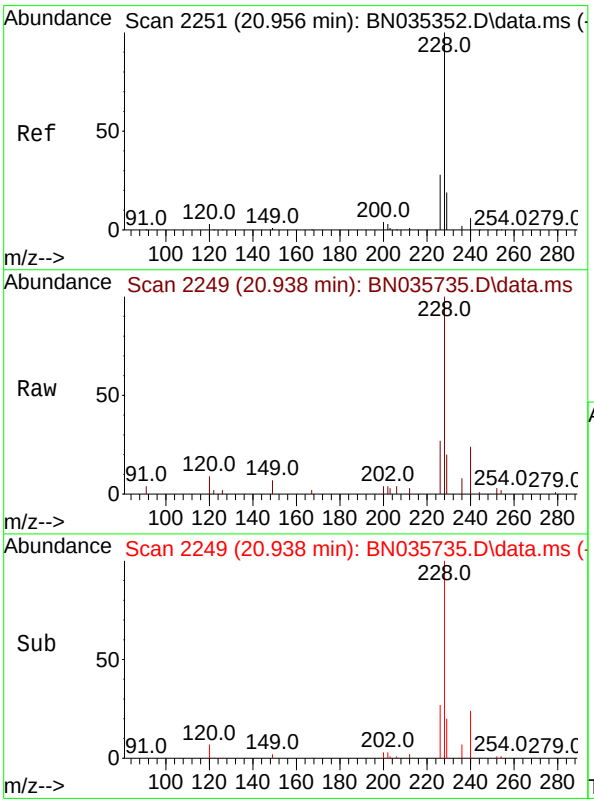
#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8932

Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.1	12.1
122	11.7	10.3	15.5

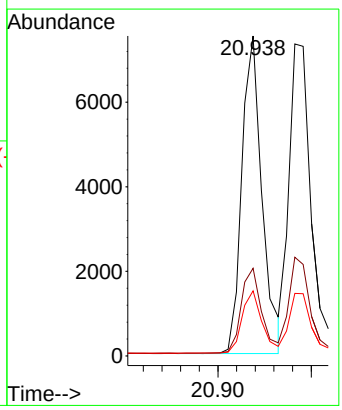


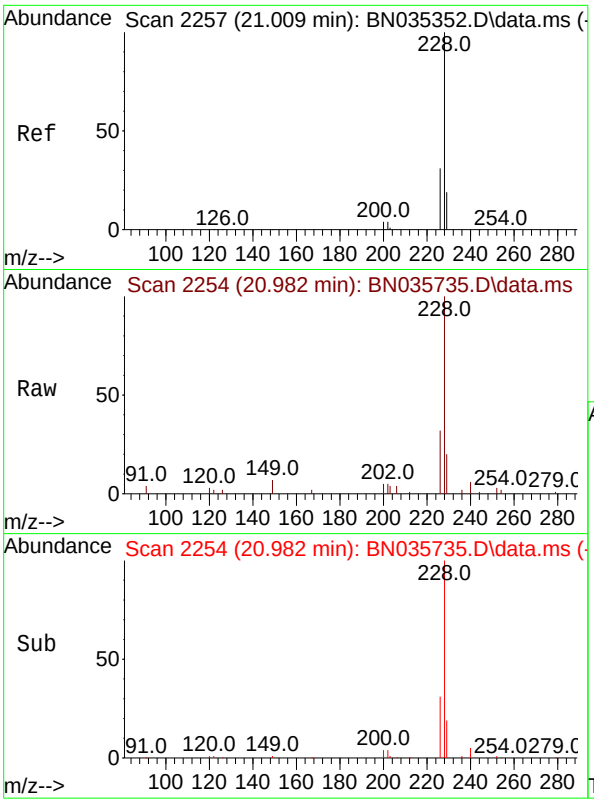


#32
Benzo(a)anthracene
Concen: 0.348 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:228 Resp: 11302

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.4	15.8	23.8



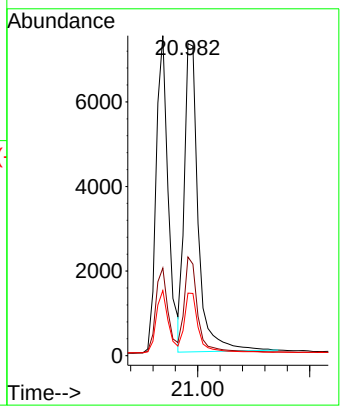


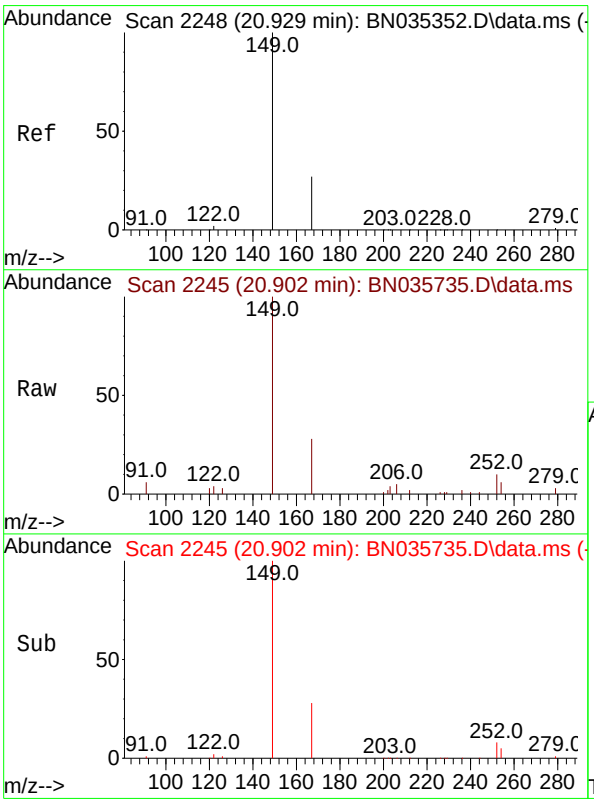
#33
Chrysene
Concen: 0.378 ng
RT: 20.982 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12637

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	37.0
229	20.1	15.9	23.9

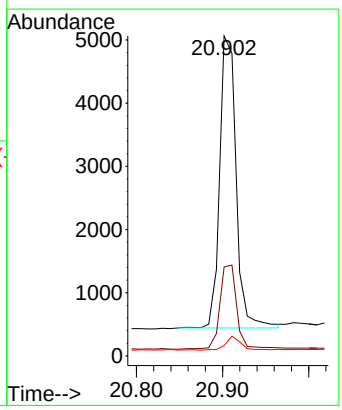


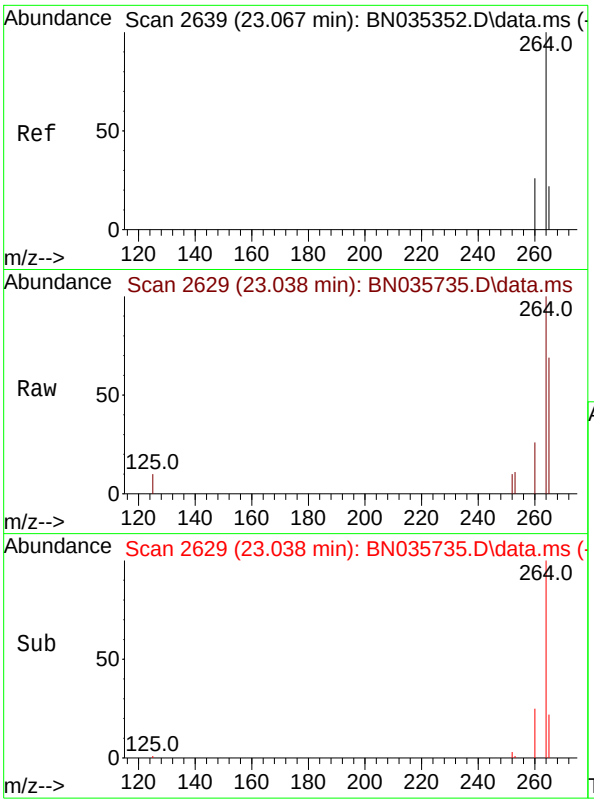


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.477 ng
RT: 20.902 min Scan# 2245
Delta R.T. -0.009 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:149 Resp: 6113

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.2	33.4
279	4.4	2.7	4.1#



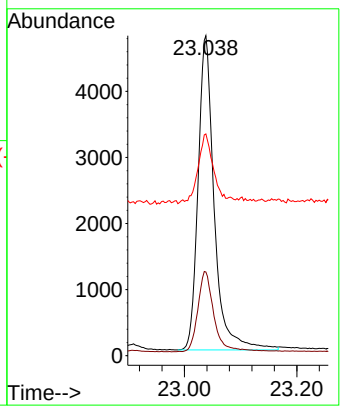


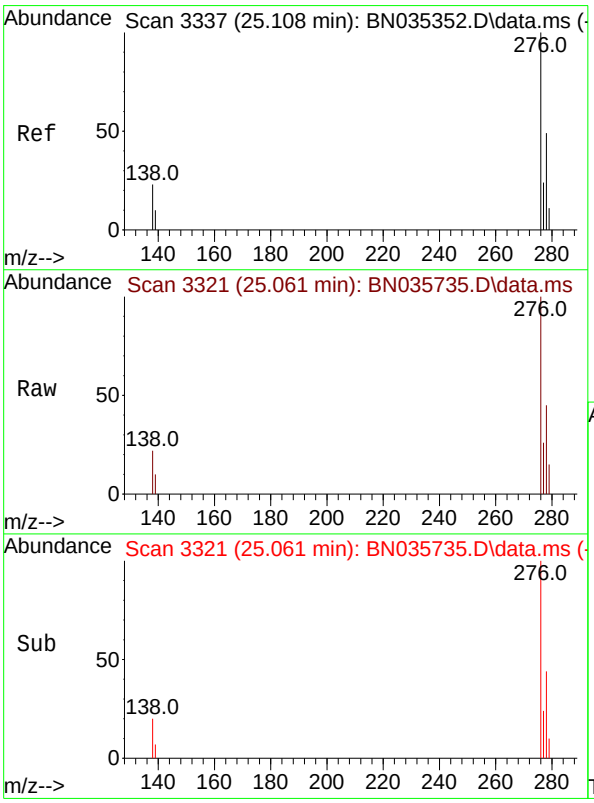
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.038 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 9467

Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.4	32.2
265	69.3	40.2	60.4#

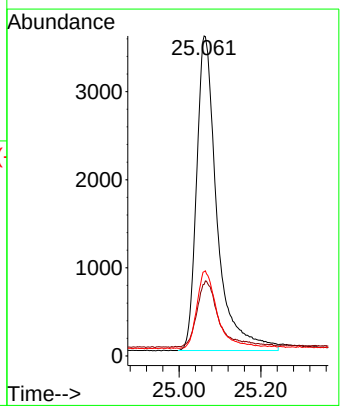


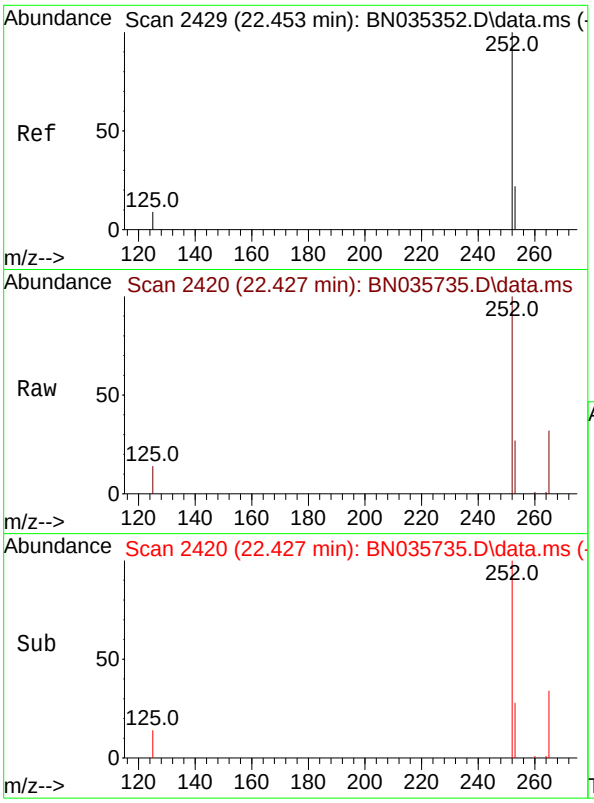


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng
RT: 25.061 min Scan# 3321
Delta R.T. -0.006 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:276 Resp: 12412

Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.4	29.0
277	24.4	19.8	29.6



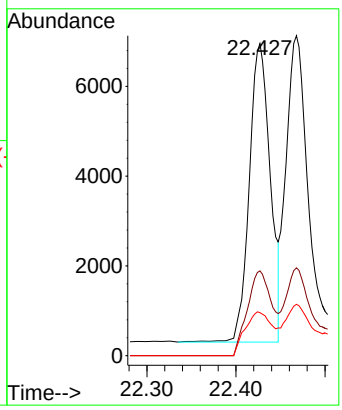


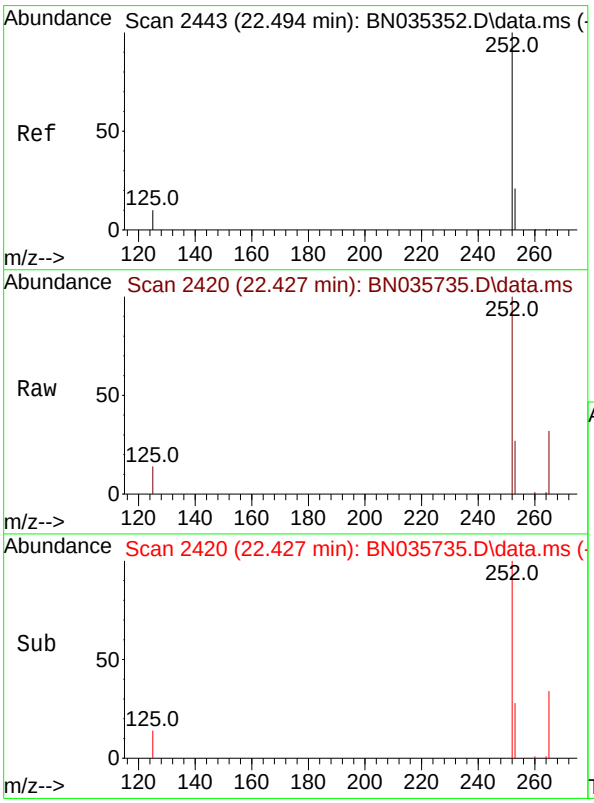
#37
Benzo(b)fluoranthene
Concen: 0.536 ng
RT: 22.427 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18573

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.6	29.4
125	13.8	9.6	14.4

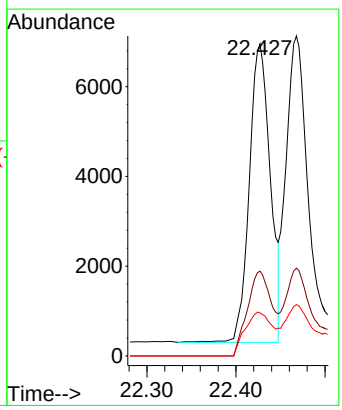


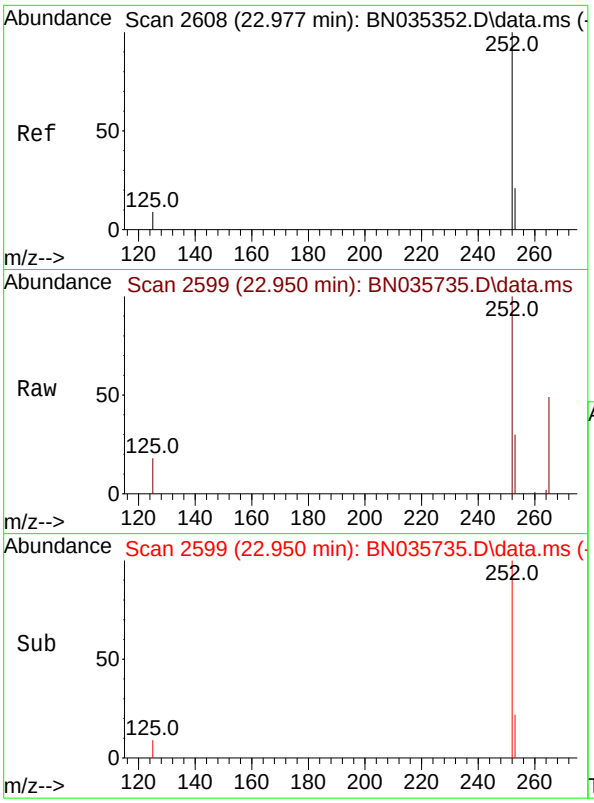


#38
Benzo(k)fluoranthene
Concen: 0.545 ng
RT: 22.427 min Scan# 2420
Delta R.T. -0.044 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:252 Resp: 18573

Ion	Ratio	Lower	Upper
252	100		
253	27.2	19.5	29.3
125	13.8	10.2	15.4



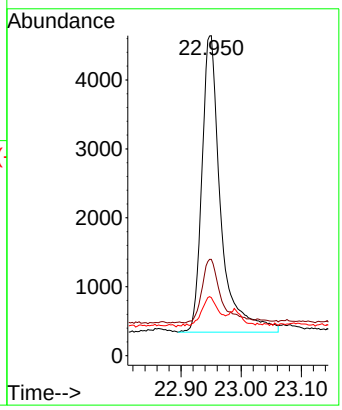


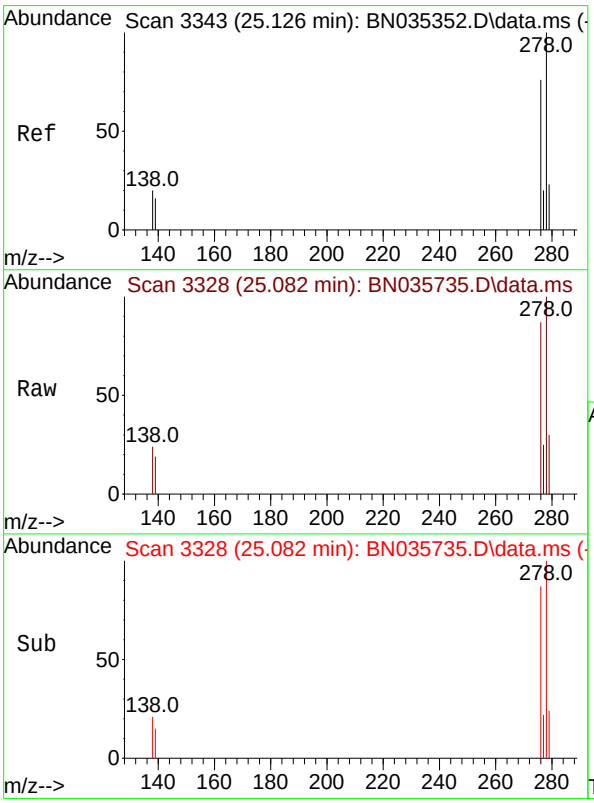
#39
Benzo(a)pyrene
Concen: 0.326 ng
RT: 22.950 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9310

Ion	Ratio	Lower	Upper
252	100		
253	30.1	20.2	30.4
125	18.2	10.9	16.3#

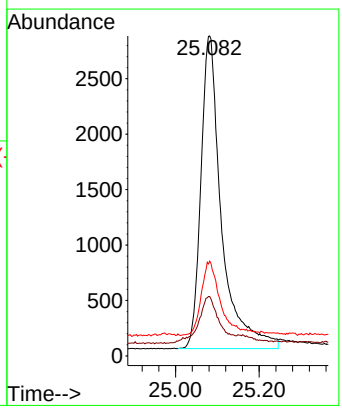


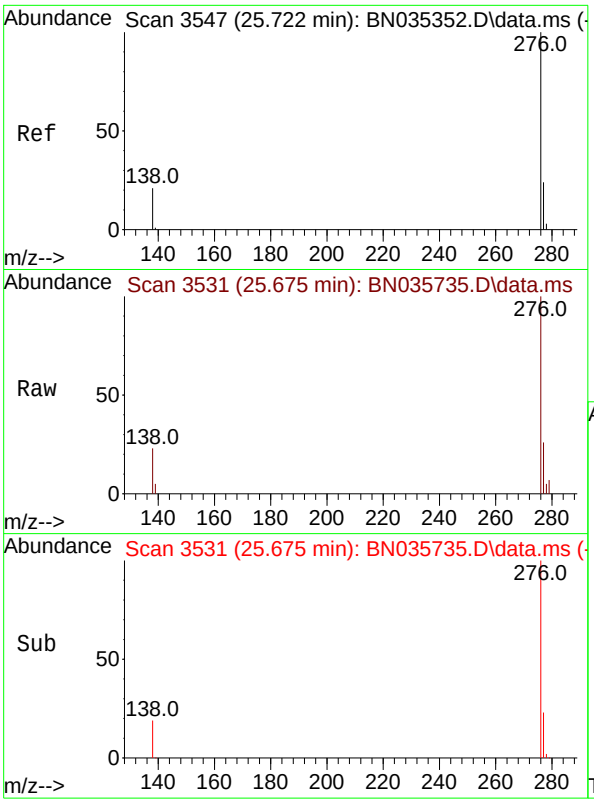


#40
Dibenzo(a,h)anthracene
Concen: 0.331 ng
RT: 25.082 min Scan# 3328
Delta R.T. -0.000 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Tgt Ion:278 Resp: 9663

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.2	21.4
279	29.6	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.305 ng
RT: 25.675 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN035735.D
Acq: 20 Dec 2024 11:05

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 9301

Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.9	29.9
138	22.7	17.8	26.8