Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035372.D
Acq On : 28 Nov 2024 07:15
Operator : RC/JU
Sample : PB165266BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Quant Time: Nov 28 07:40:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.308	152	1816	0.400	ng		0.00
7) Naphthalene-d8	10.052	136	4363	0.400	ng		0.00
13) Acenaphthene-d10	13.967	164	2932	0.400	ng		0.00
19) Phenanthrene-d10	16.736	188	7521	0.400	ng		0.00
29) Chrysene-d12	20.974	240	7245	0.400	ng		0.00
35) Perylene-d12	23.067	264	7420	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	1701	0.374	ng		0.00
5) Phenol-d6	6.513	99	1971	0.361	ng		0.00
8) Nitrobenzene-d5	8.440	82	1265	0.475	ng		0.00
11) 2-Methylnaphthalene-d10	11.656	152	3741	0.548	ng		0.00
14) 2,4,6-Tribromophenol	15.475	330	552	0.265	ng		0.00
15) 2-Fluorobiphenyl	12.574	172	4898	0.442	ng		0.00
27) Fluoranthene-d10	18.785	212	9162	0.430	ng		0.00
31) Terphenyl-d14	19.412	244	6774	0.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	682	0.393	ng	#	77
3) n-Nitrosodimethylamine	3.292	42	608	0.420	ng	#	98
6) bis(2-Chloroethyl)ether	6.759	93	1821	0.396	ng		99
9) Naphthalene	10.105	128	4732	0.411	ng		99
10) Hexachlorobutadiene	10.404	225	1131	0.426	ng	#	99
12) 2-Methylnaphthalene	11.732	142	3256	0.395	ng		99
16) Acenaphthylene	13.679	152	5276	0.429	ng		99
17) Acenaphthene	14.031	154	3385	0.414	ng		99
18) Fluorene	15.026	166	4753	0.406	ng		99
20) 4,6-Dinitro-2-methylph...	15.133	198	269	0.364	ng		90
21) 4-Bromophenyl-phenylether	15.941	248	1756	0.399	ng		98
22) Hexachlorobenzene	16.040	284	2055	0.398	ng		98
23) Atrazine	16.227	200	1206	0.385	ng		97
24) Pentachlorophenol	16.400	266	1299	0.578	ng	#	85
25) Phenanthrene	16.773	178	8490	0.411	ng		100
26) Anthracene	16.860	178	7781	0.416	ng		99
28) Fluoranthene	18.817	202	10621	0.381	ng		99
30) Pyrene	19.179	202	11064	0.414	ng		100
32) Benzo(a)anthracene	20.956	228	10217	0.403	ng		100
33) Chrysene	21.009	228	11263	0.431	ng		99
34) Bis(2-ethylhexyl)phtha...	20.929	149	3722	0.372	ng		99
36) Indeno(1,2,3-cd)pyrene	25.108	276	12267	0.423	ng		98
37) Benzo(b)fluoranthene	22.453	252	10820	0.399	ng		99
38) Benzo(k)fluoranthene	22.494	252	11732	0.439	ng		99
39) Benzo(a)pyrene	22.977	252	9926	0.444	ng		98
40) Dibenzo(a,h)anthracene	25.126	278	9496	0.415	ng		98
41) Benzo(g,h,i)perylene	25.725	276	9431	0.394	ng		100

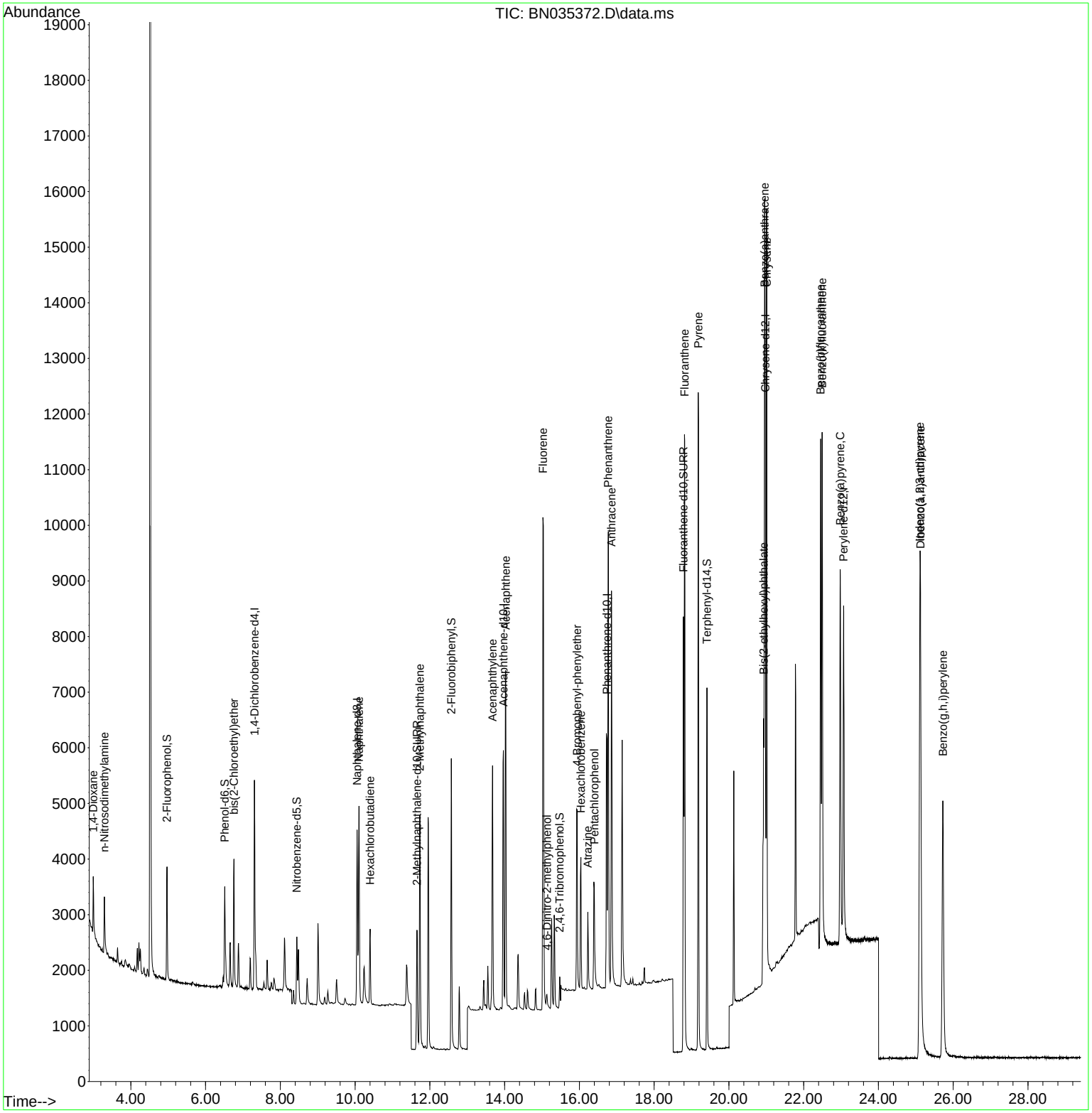
(#) = qualifier out of range (m) = manual integration (+) = signals summed

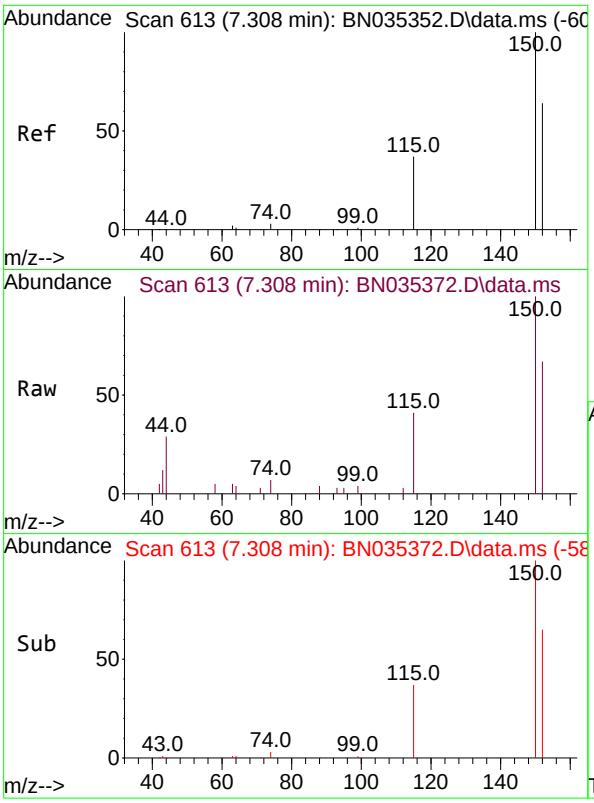
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035372.D
Acq On : 28 Nov 2024 07:15
Operator : RC/JU
Sample : PB165266BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Quant Time: Nov 28 07:40:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration



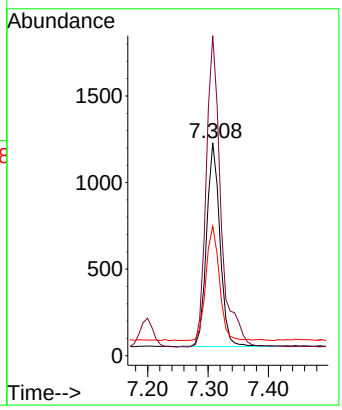


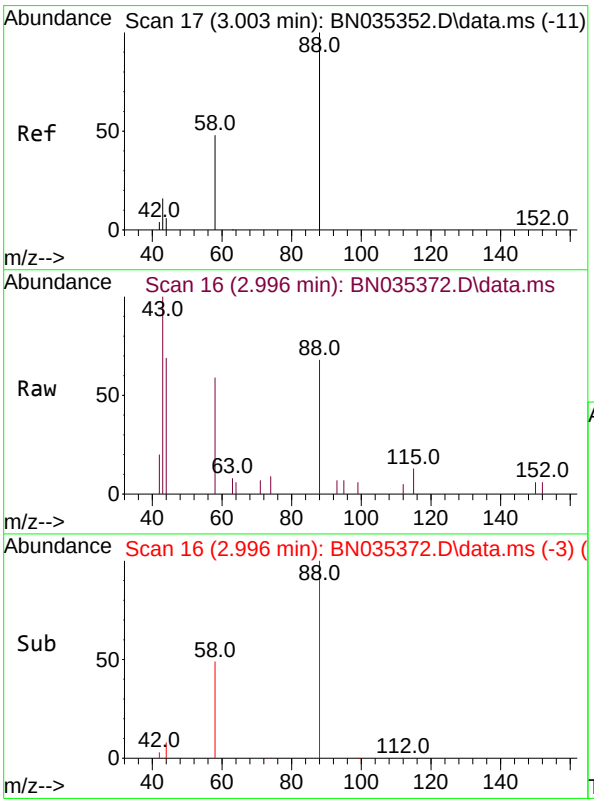
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.308 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:152 Resp: 1816

Ion	Ratio	Lower	Upper
152	100		
150	150.4	124.0	186.0
115	60.9	49.6	74.4

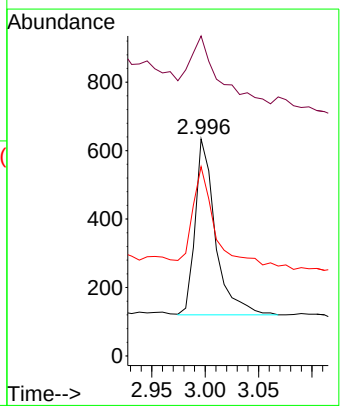


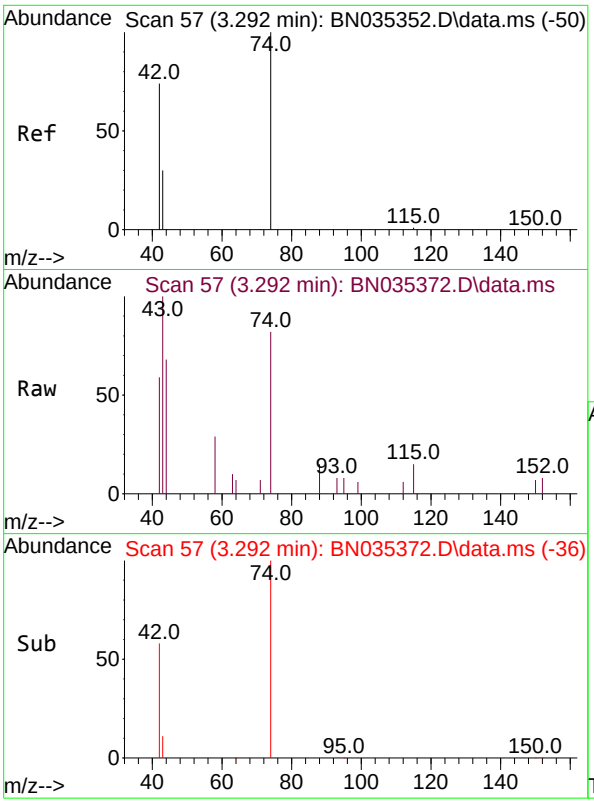


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion: 88 Resp: 682

Ion	Ratio	Lower	Upper
88	100		
43	53.7	17.2	25.8#
58	59.5	44.5	66.7



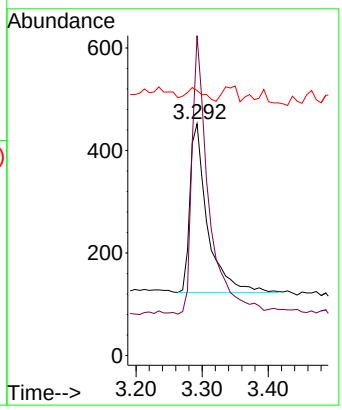


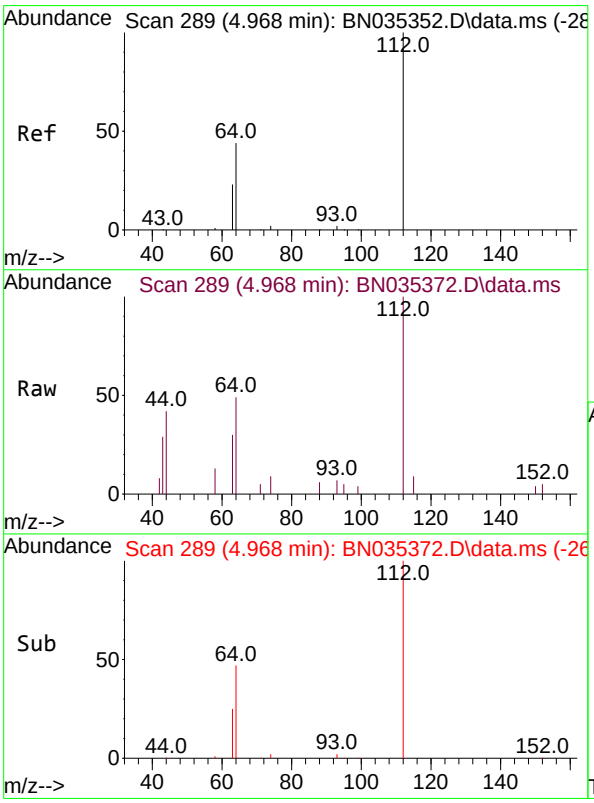
#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.292 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion: 42 Resp: 608

Ion	Ratio	Lower	Upper
42	100		
74	158.9	124.9	187.3
44	7.4	2.2	3.4#

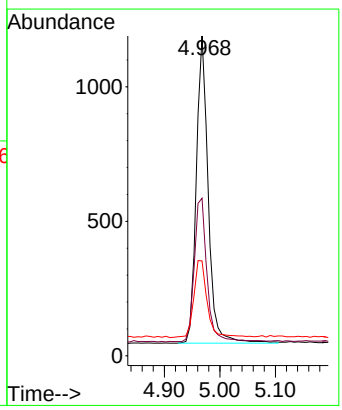


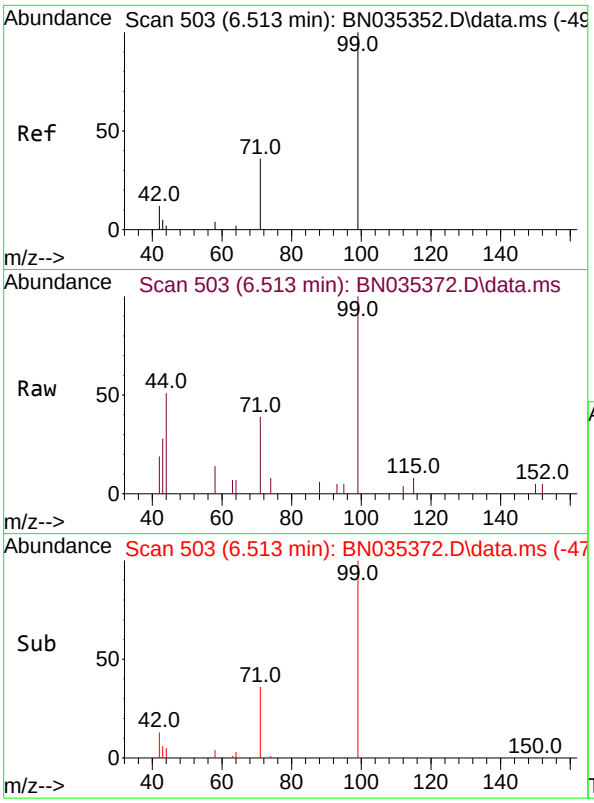


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 4.968 min Scan# 289
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:112 Resp: 1701

Ion	Ratio	Lower	Upper
112	100		
64	49.7	39.8	59.8
63	28.3	21.0	31.6



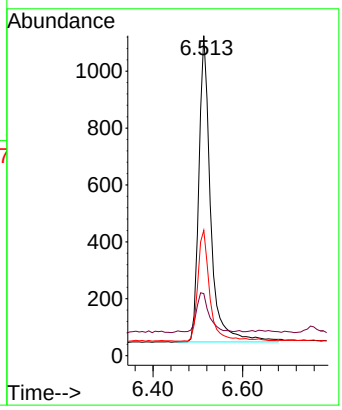


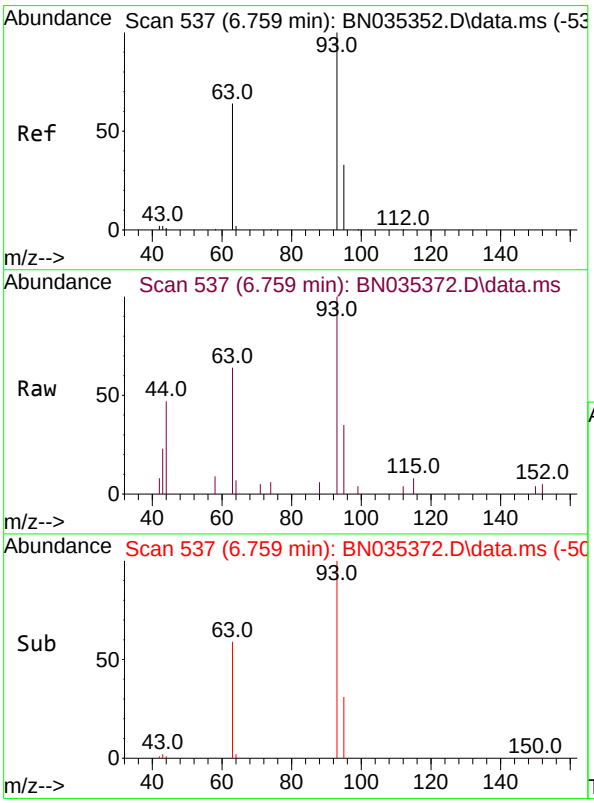
#5
Phenol-d6
Concen: 0.361 ng
RT: 6.513 min Scan# 5(
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion: 99 Resp: 1971

Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.2
71	36.6	29.3	43.9

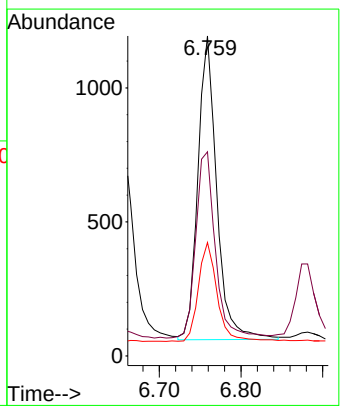


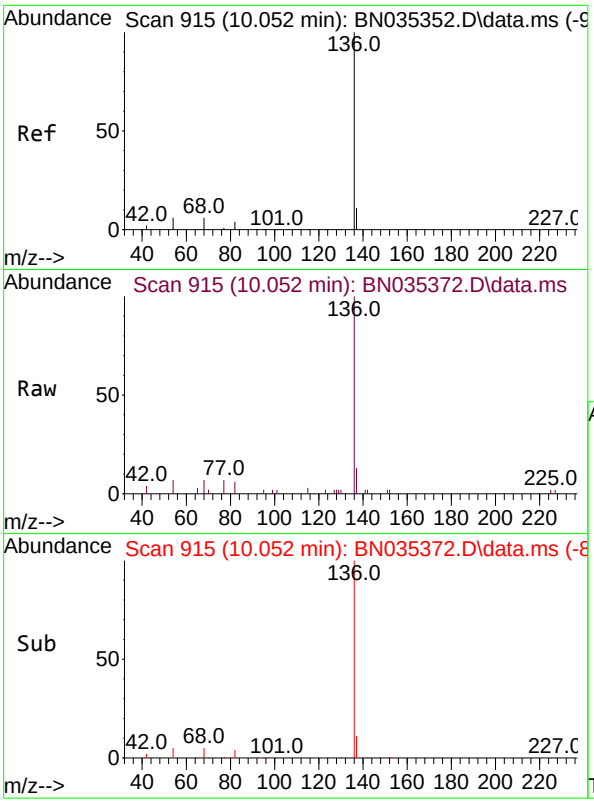


#6
bis(2-Chloroethyl)ether
Concen: 0.396 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion: 93 Resp: 1821

Ion	Ratio	Lower	Upper
93	100		
63	63.6	50.4	75.6
95	32.9	25.7	38.5



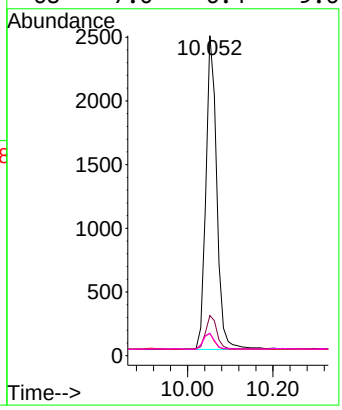


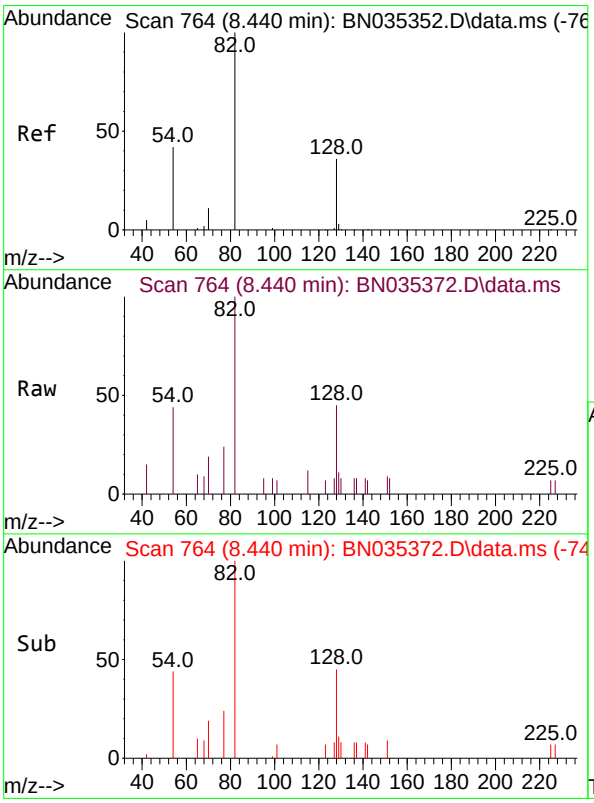
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.052 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:136 Resp: 4363

Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.2	15.2
54	7.0	6.1	9.1
68	7.0	6.4	9.6

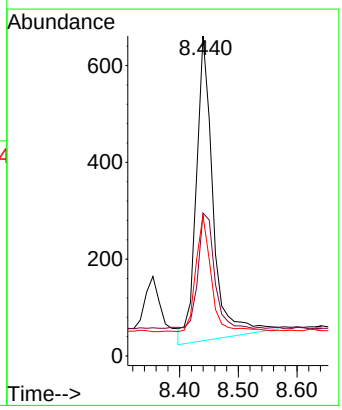


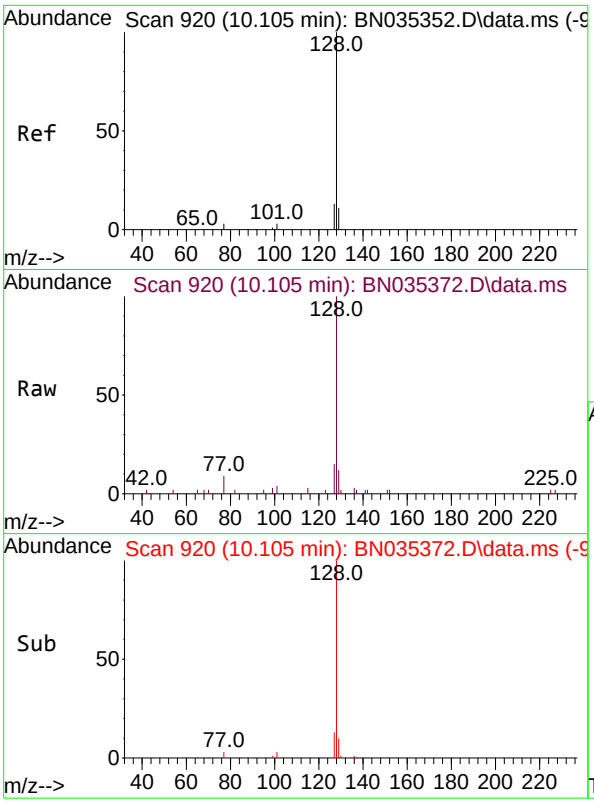


#8
Nitrobenzene-d5
Concen: 0.475 ng
RT: 8.440 min Scan# 764
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion: 82 Resp: 1265

Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.4	50.0
54	43.9	36.7	55.1



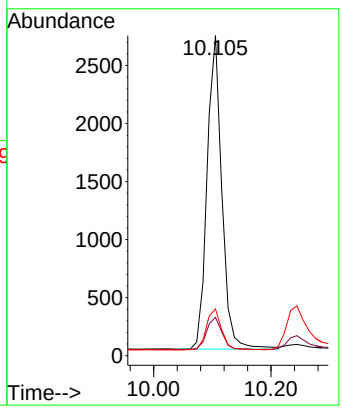


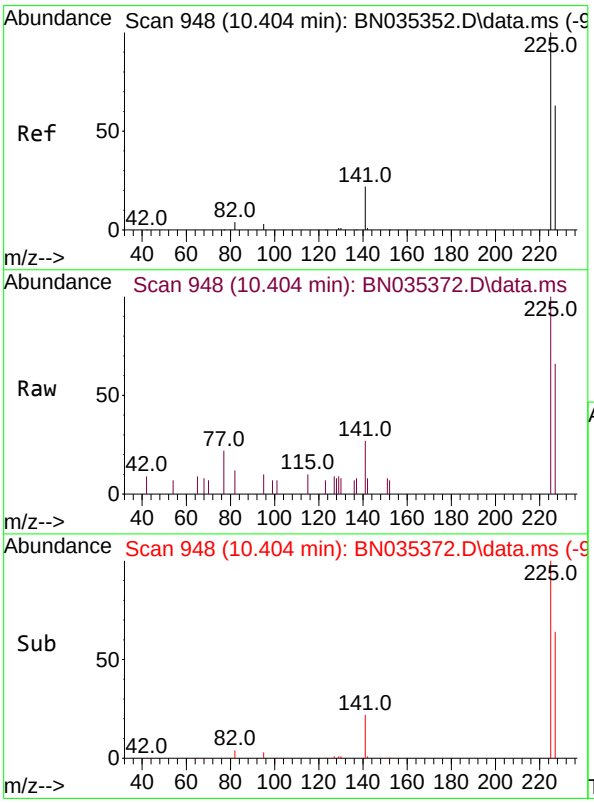
#9
Naphthalene
Concen: 0.411 ng
RT: 10.105 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:128 Resp: 4732

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.6	11.4	17.2

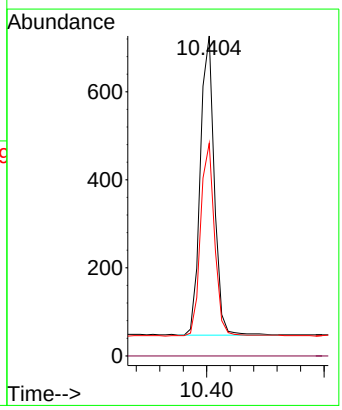


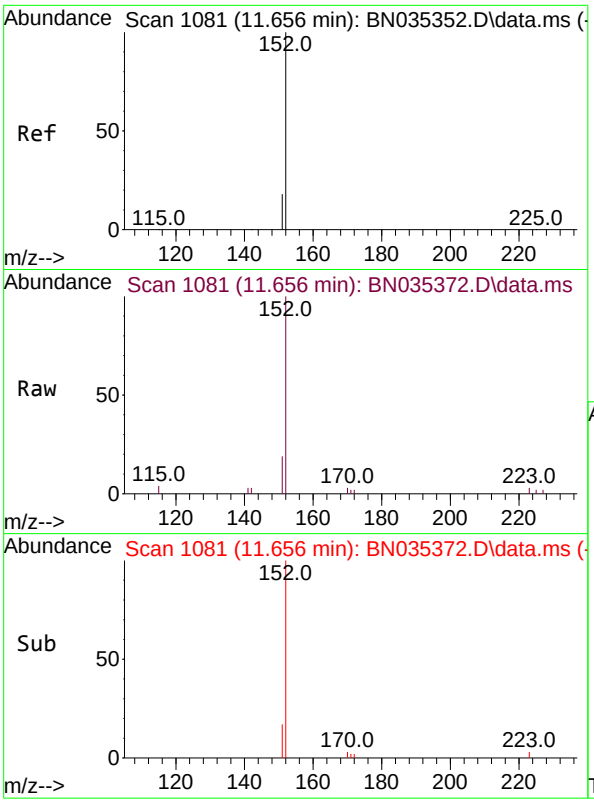


#10
Hexachlorobutadiene
Concen: 0.426 ng
RT: 10.404 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:225 Resp: 1131

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.3	76.9



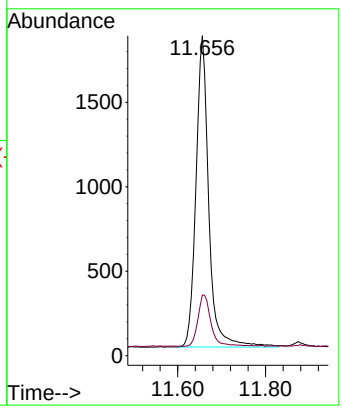


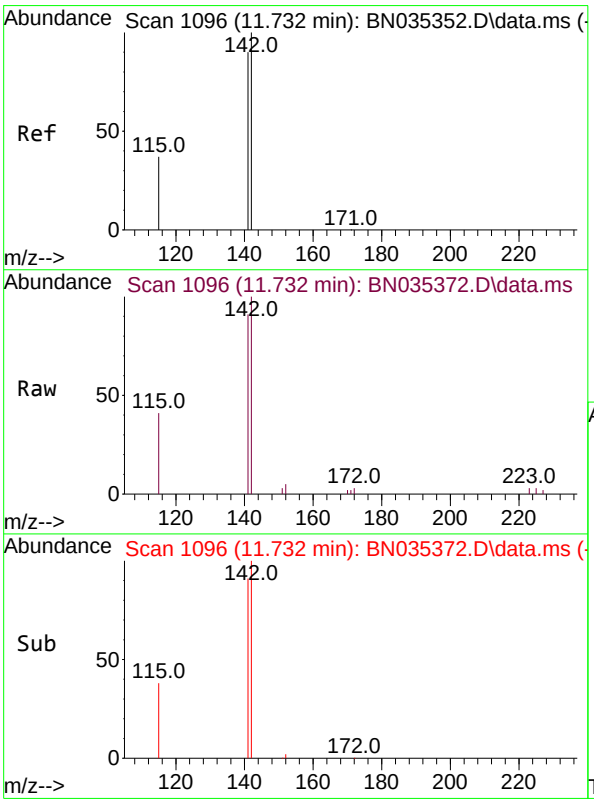
#11
2-Methylnaphthalene-d10
Concen: 0.548 ng
RT: 11.656 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:152 Resp: 3741

Ion	Ratio	Lower	Upper
152	100		
151	17.0	16.6	25.0

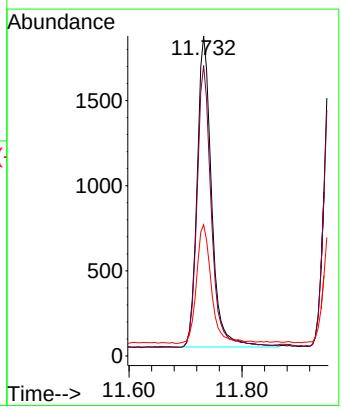


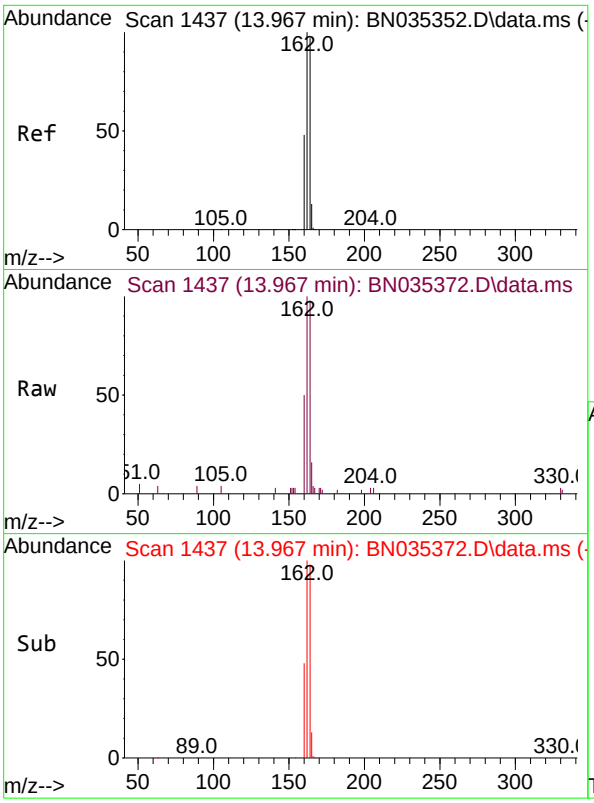


#12
2-Methylnaphthalene
Concen: 0.395 ng
RT: 11.732 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:142 Resp: 3256

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.2	108.4
115	41.0	31.4	47.0



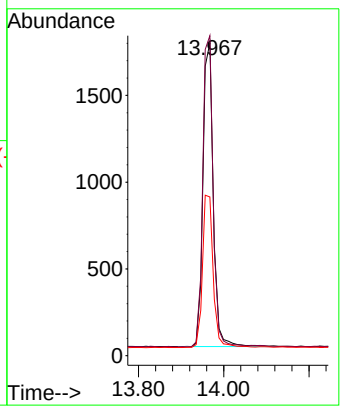


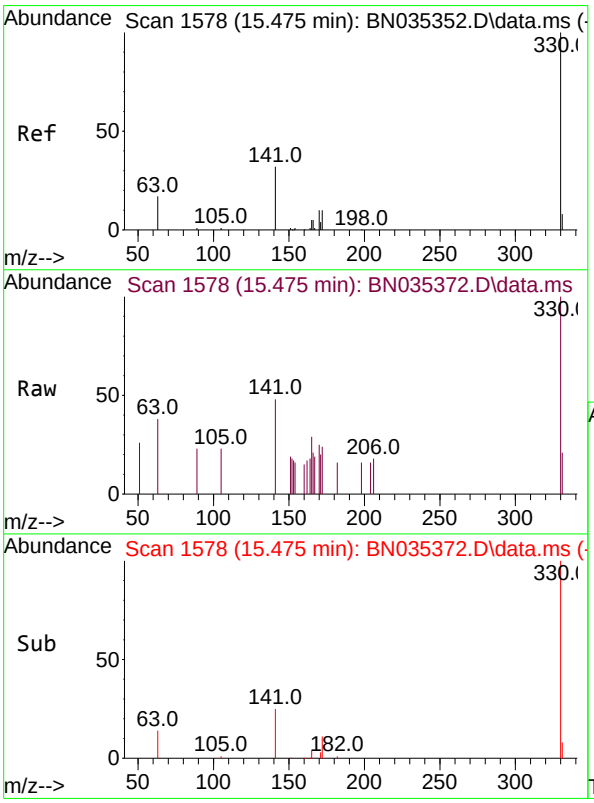
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.967 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:164 Resp: 2932

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	50.7	40.1	60.1

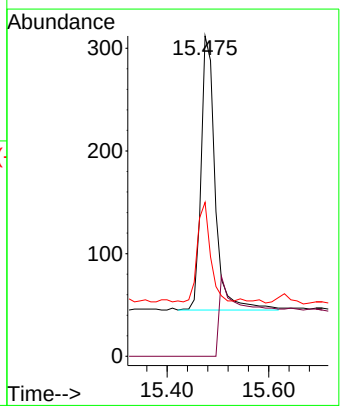


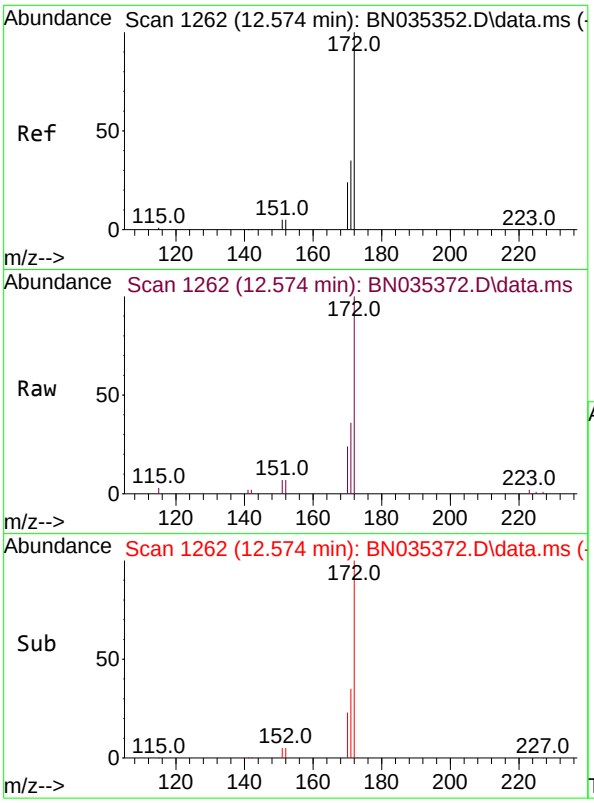


#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:330 Resp: 552

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.1	26.6	40.0



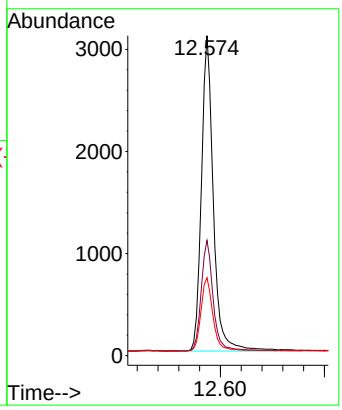


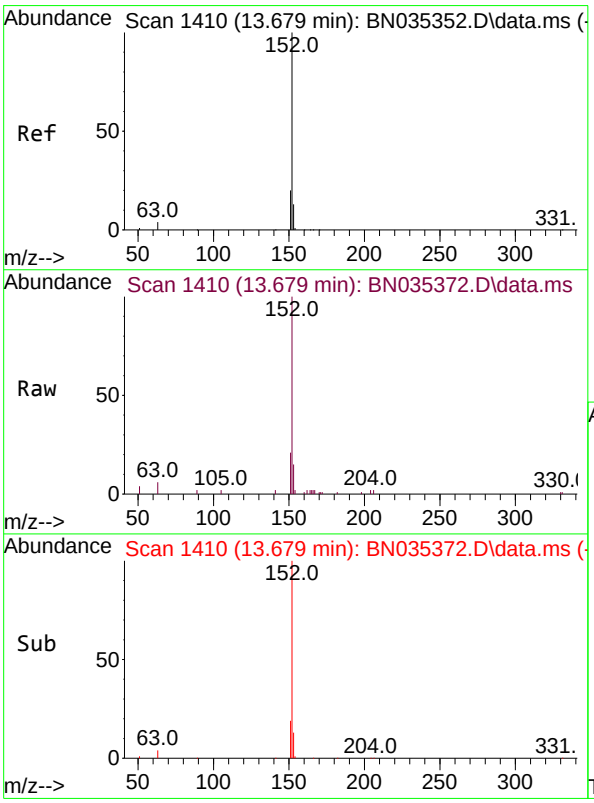
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:172 Resp: 4898

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	19.8	29.8

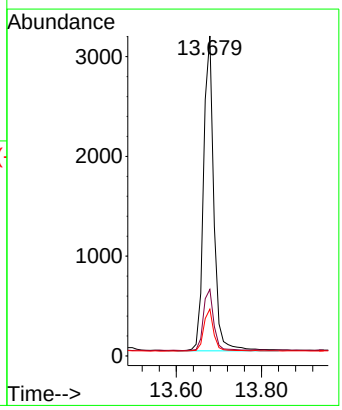


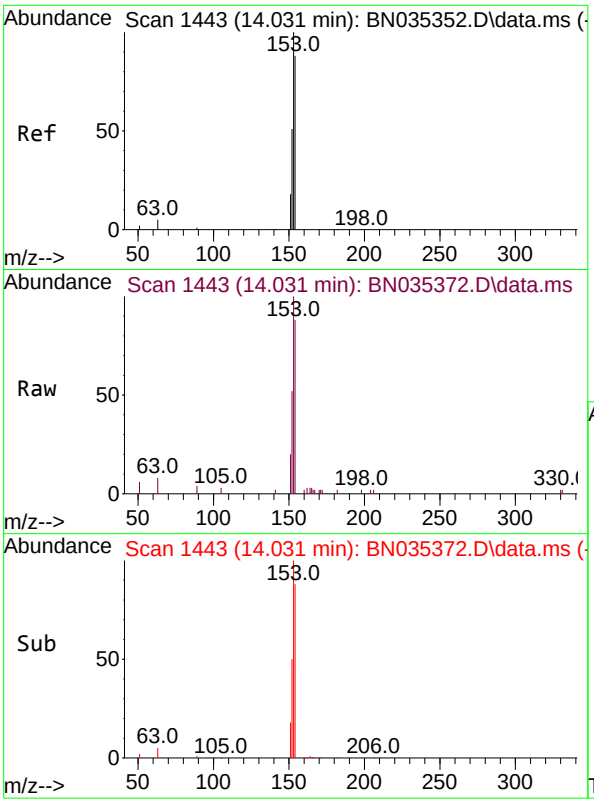


#16
Acenaphthylene
Concen: 0.429 ng
RT: 13.679 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:152 Resp: 5276

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	12.9	10.4	15.6



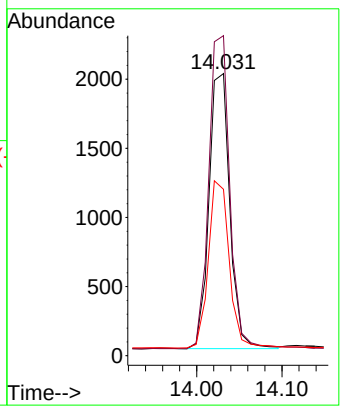


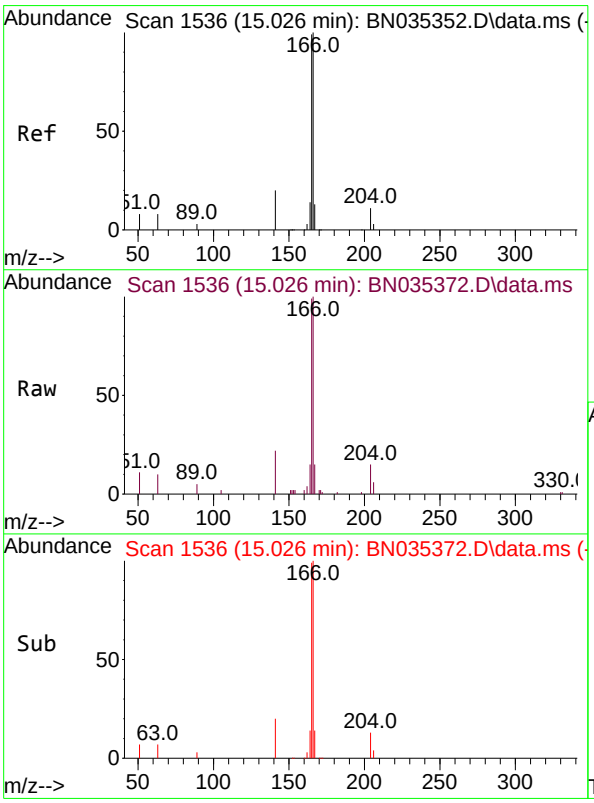
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.031 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:154 Resp: 3385

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.6	139.0
152	61.9	49.0	73.6

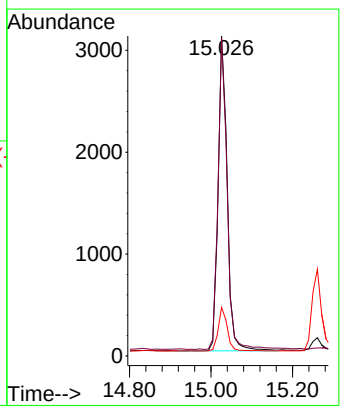


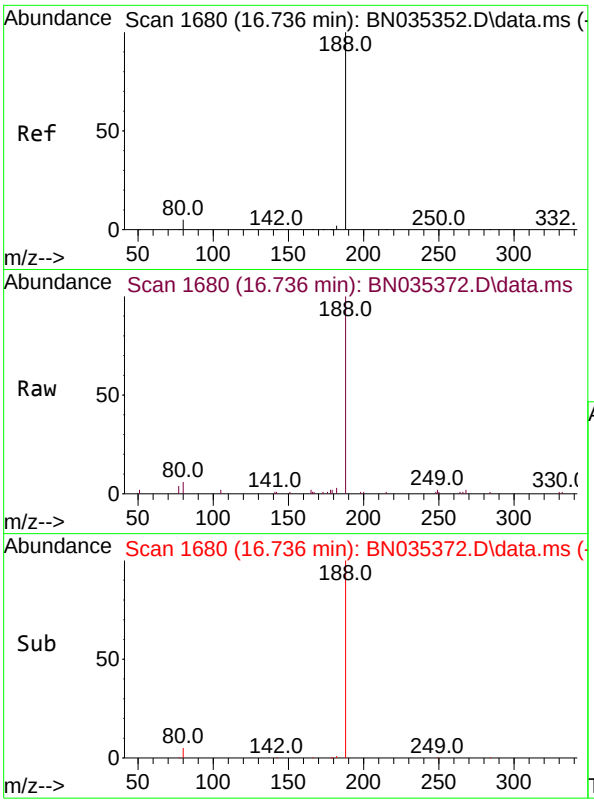


#18
Fluorene
Concen: 0.406 ng
RT: 15.026 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:166 Resp: 4753

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.7	119.5
167	13.9	10.8	16.2



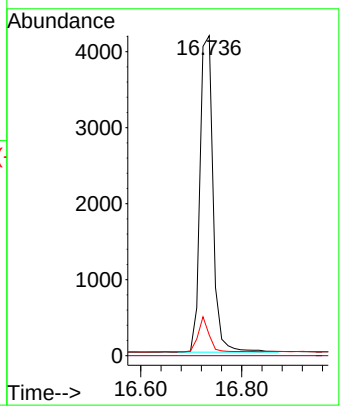


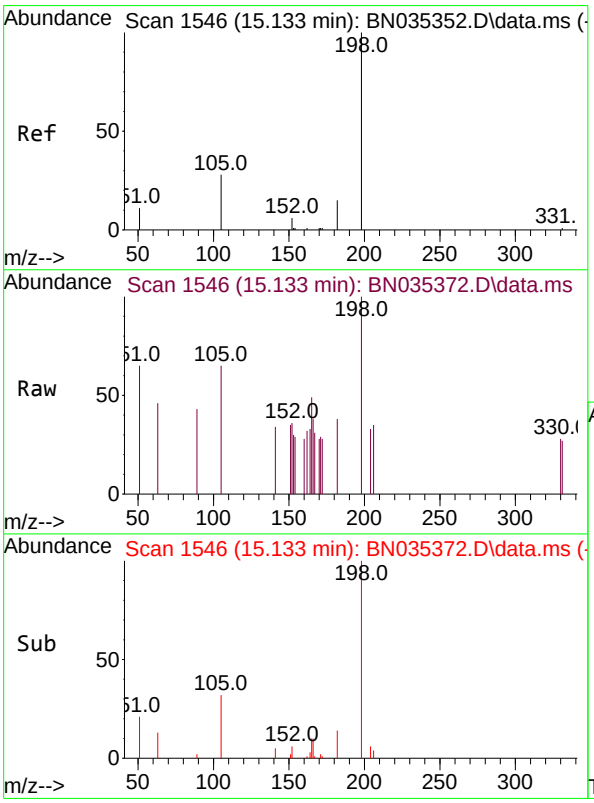
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.736 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:188 Resp: 7521

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	4.6	6.8

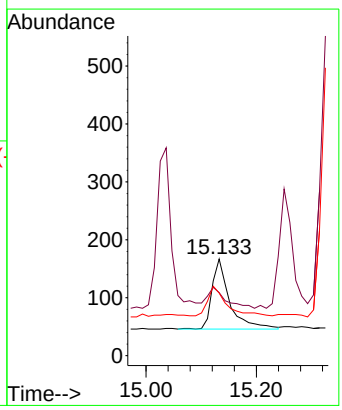


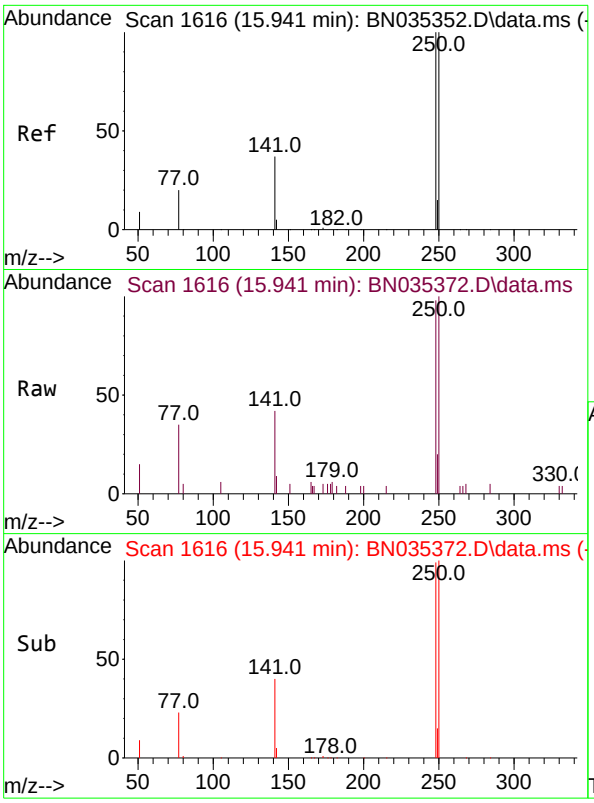


#20
4,6-Dinitro-2-methylphenol
Concen: 0.364 ng
RT: 15.133 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	65.3	46.5	69.7
105	64.7	45.3	67.9



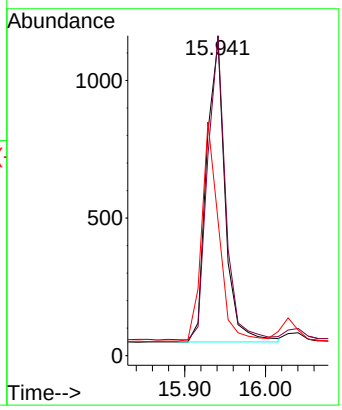


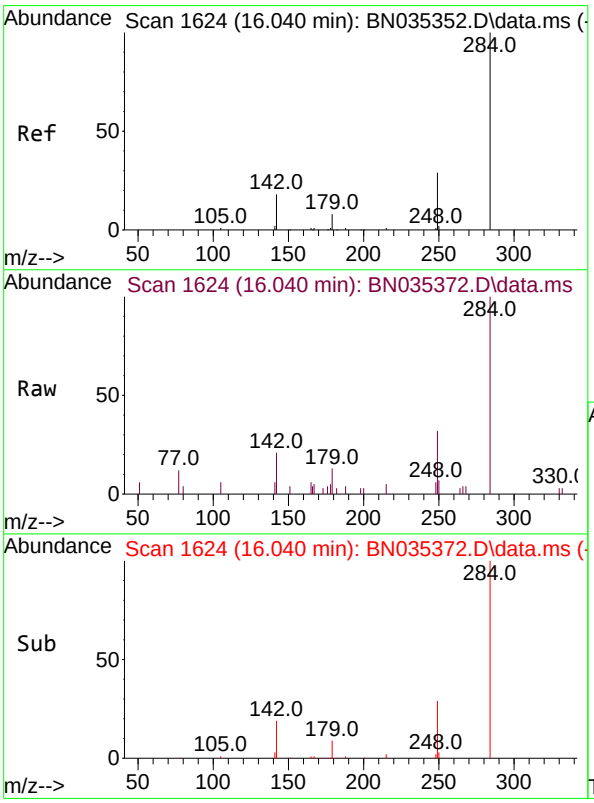
#21
4-Bromophenyl-phenylether
Concen: 0.399 ng
RT: 15.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:248 Resp: 1756

Ion	Ratio	Lower	Upper
248	100		
250	101.7	80.6	120.8
141	43.0	31.5	47.3

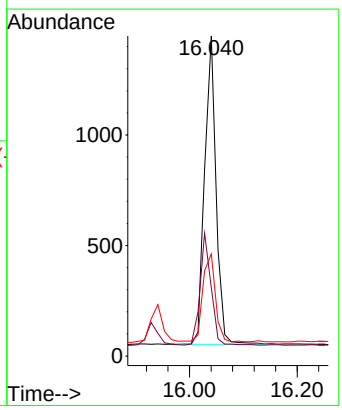


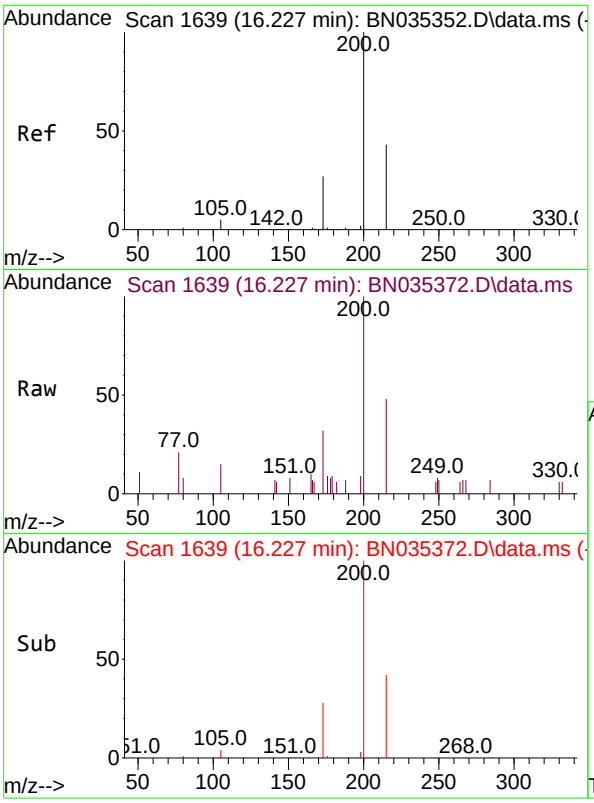


#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.040 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:284 Resp: 2055

Ion	Ratio	Lower	Upper
284	100		
142	34.9	26.7	40.1
249	31.5	24.6	36.8



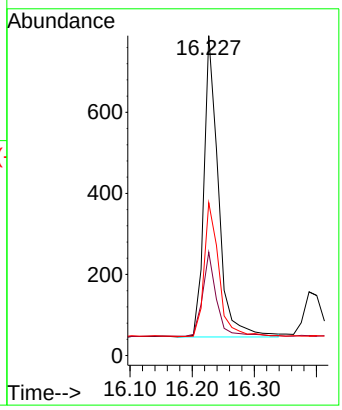


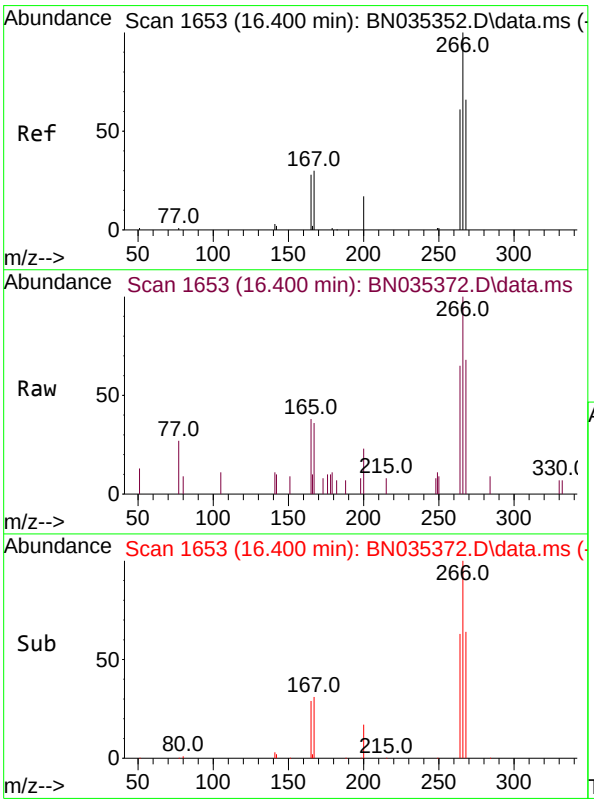
#23
Atrazine
Concen: 0.385 ng
RT: 16.227 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:200 Resp: 1206

Ion	Ratio	Lower	Upper
200	100		
173	32.3	24.1	36.1
215	47.8	36.9	55.3

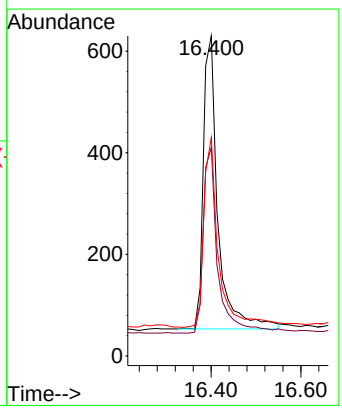


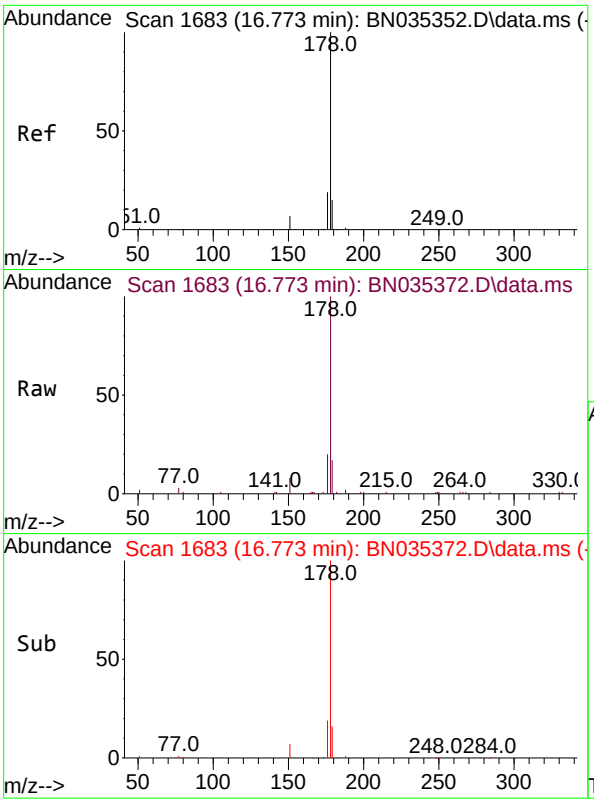


#24
Pentachlorophenol
Concen: 0.578 ng
RT: 16.400 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:266 Resp: 1299

Ion	Ratio	Lower	Upper
266	100		
264	62.4	42.3	63.5
268	66.3	43.3	64.9#



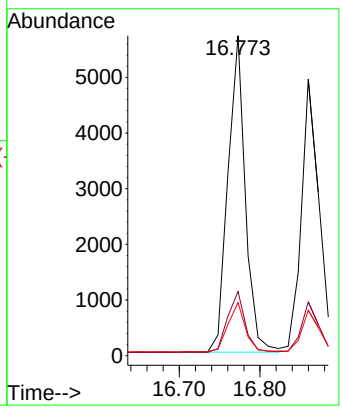


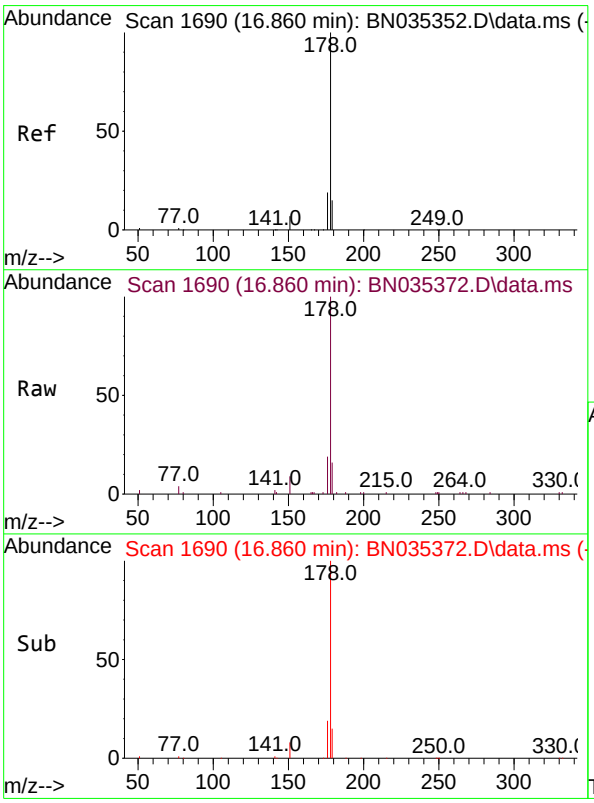
#25
Phenanthrene
Concen: 0.411 ng
RT: 16.773 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:178 Resp: 8490

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.3	18.5

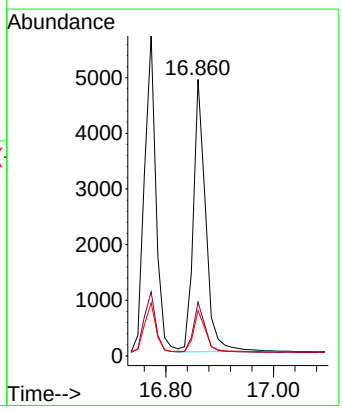


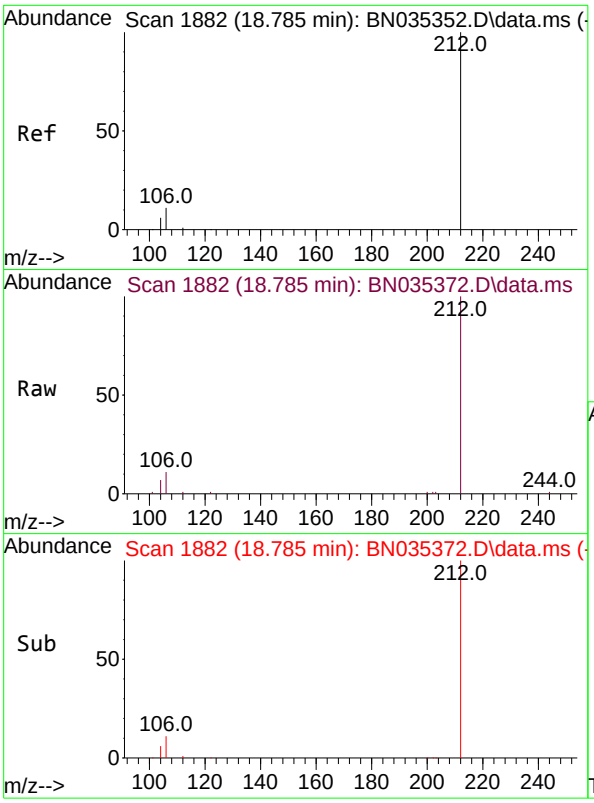


#26
Anthracene
Concen: 0.416 ng
RT: 16.860 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:178 Resp: 7781

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.5	12.6	18.8



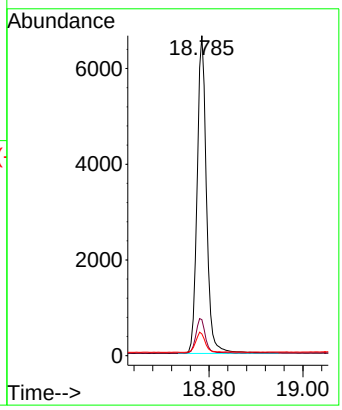


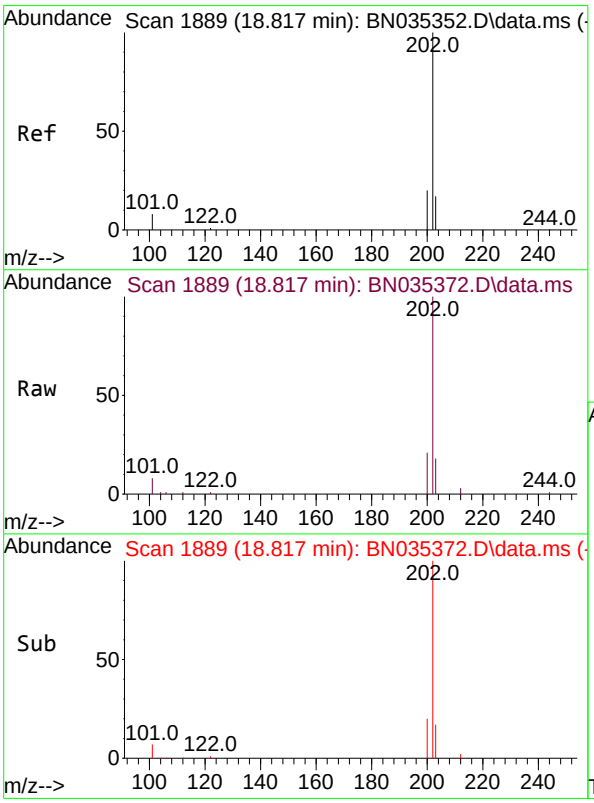
#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 18.785 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:212 Resp: 9162

Ion	Ratio	Lower	Upper
212	100		
106	11.1	9.2	13.8
104	6.3	5.3	7.9

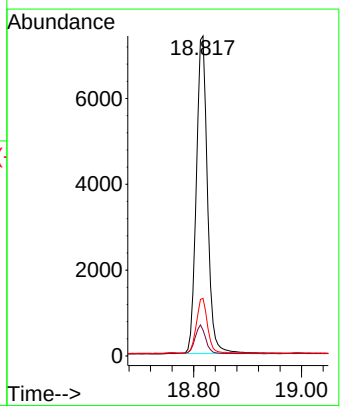


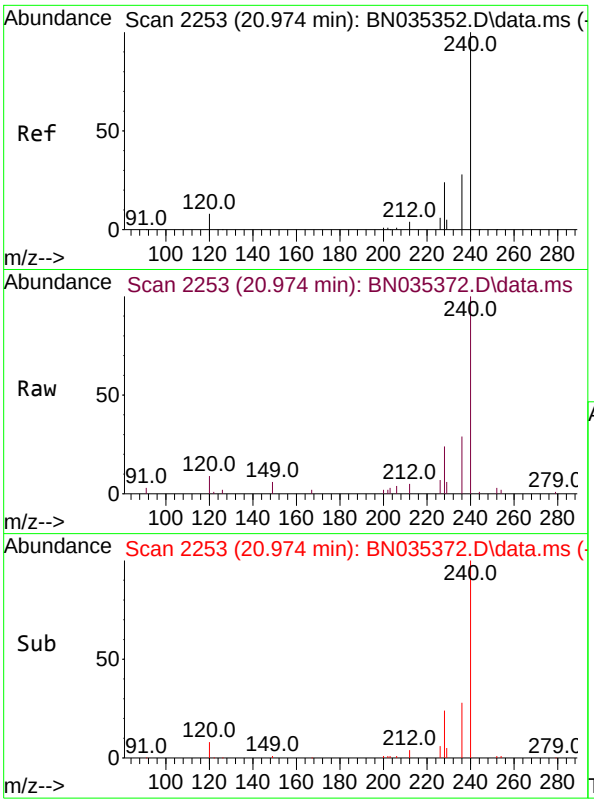


#28
Fluoranthene
Concen: 0.381 ng
RT: 18.817 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:202 Resp: 10621

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.4	11.0
203	17.0	13.7	20.5



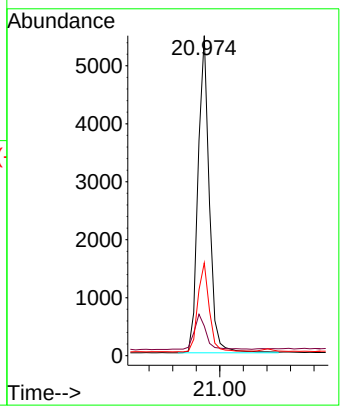


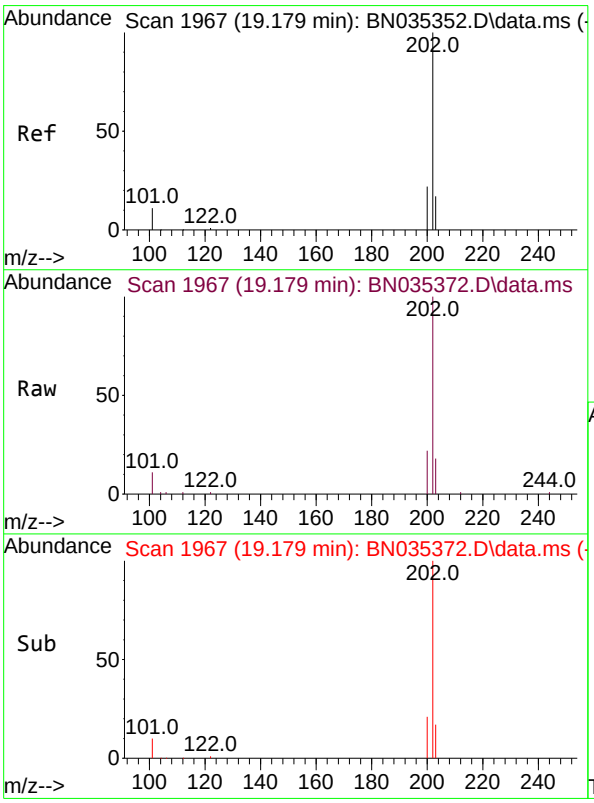
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.974 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:240 Resp: 7245

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.9	11.9
236	29.0	22.9	34.3

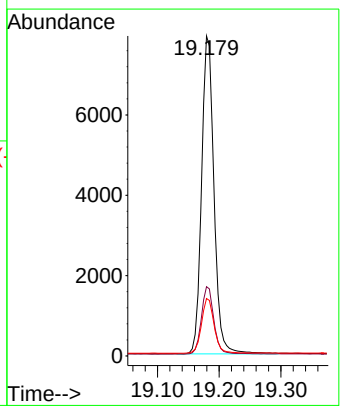


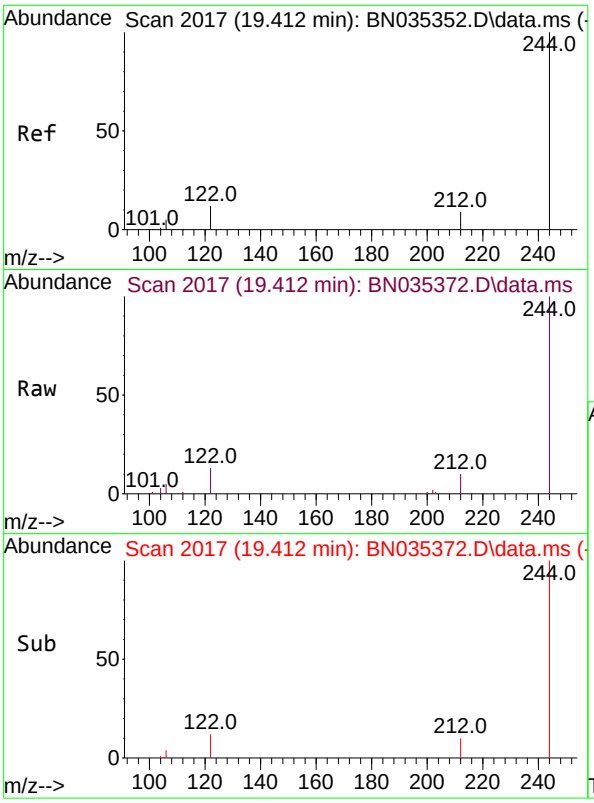


#30
Pyrene
Concen: 0.414 ng
RT: 19.179 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:202 Resp: 11064

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.6	14.3	21.5



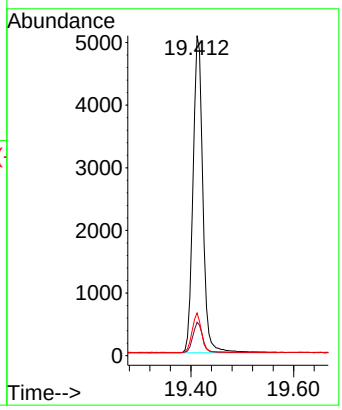


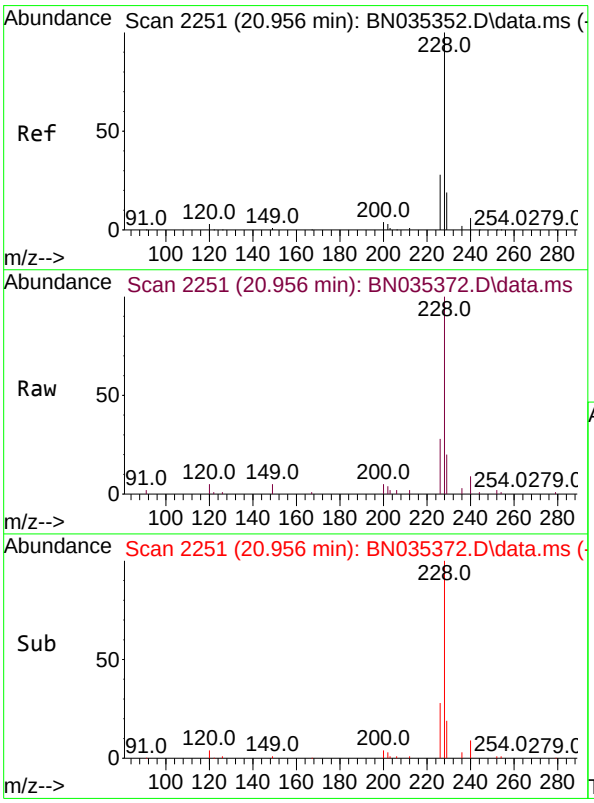
#31
Terphenyl-d14
Concen: 0.474 ng
RT: 19.412 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:244 Resp: 6774

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.1	12.1
122	13.4	10.3	15.5

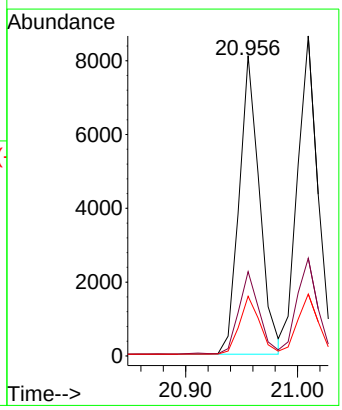


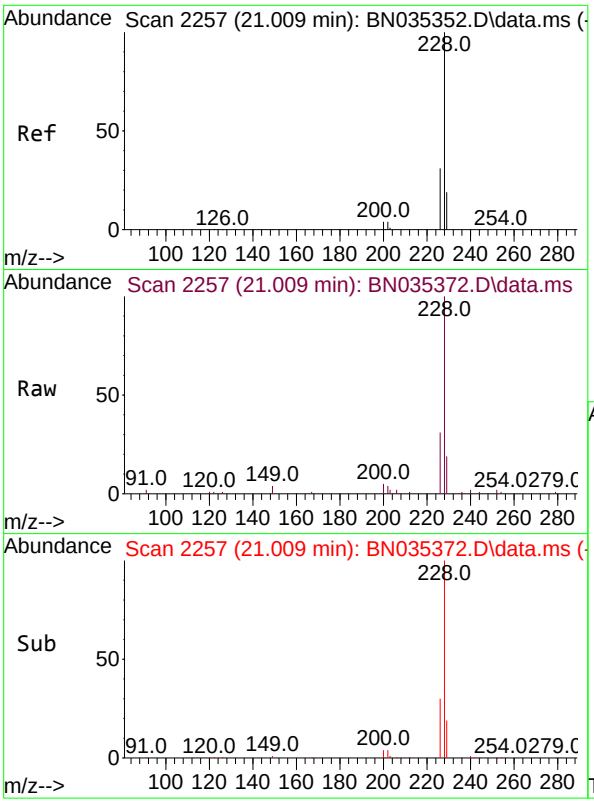


#32
Benzo(a)anthracene
Concen: 0.403 ng
RT: 20.956 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:228 Resp: 10217

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	19.9	15.8	23.8



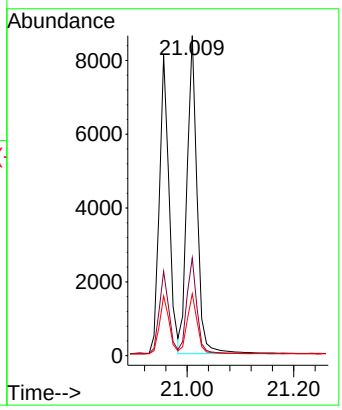


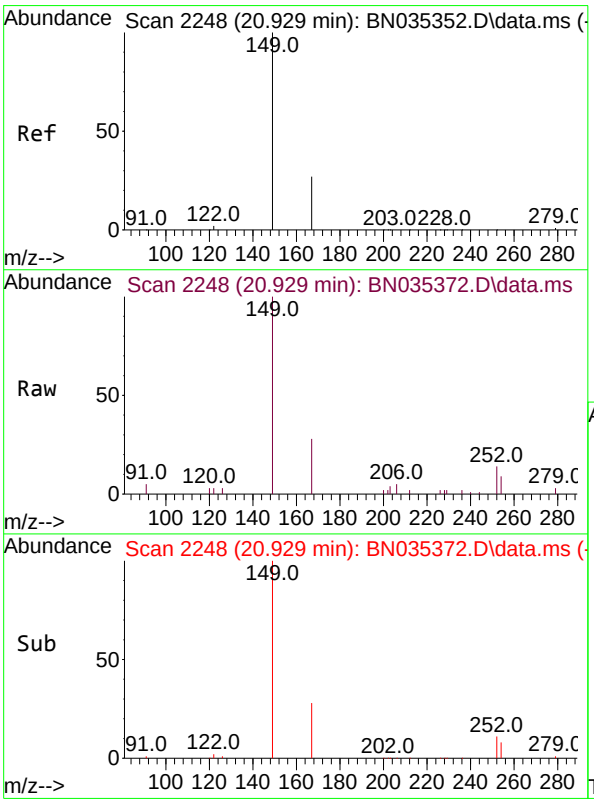
#33
Chrysene
Concen: 0.431 ng
RT: 21.009 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:228 Resp: 11263

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	19.3	15.9	23.9

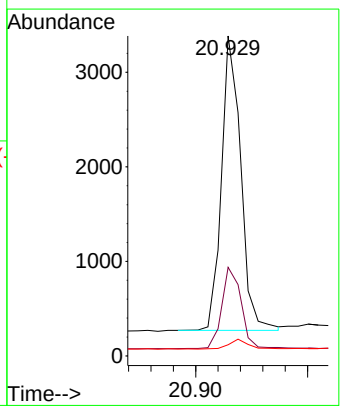


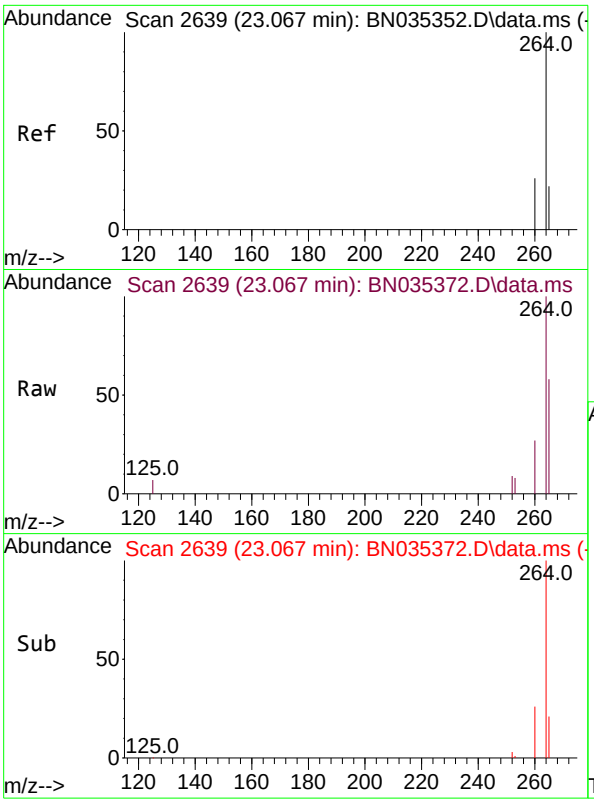


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 20.929 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:149 Resp: 3722

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	3.4	2.7	4.1



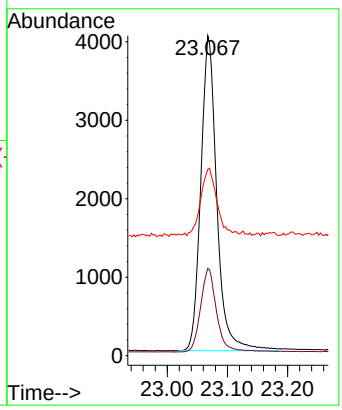


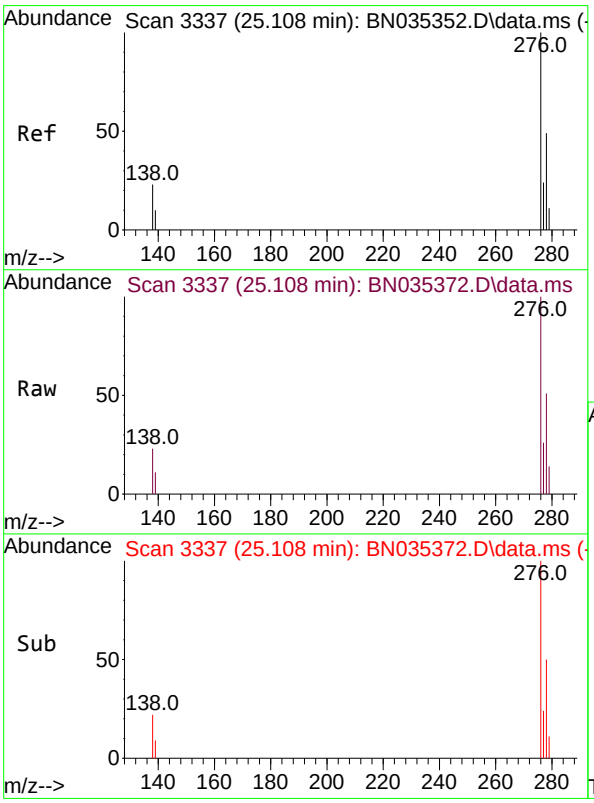
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.067 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:264 Resp: 7420

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.4	32.2
265	58.2	40.2	60.4

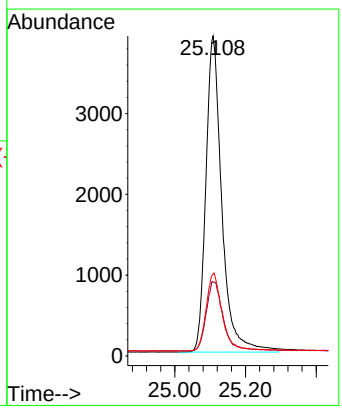


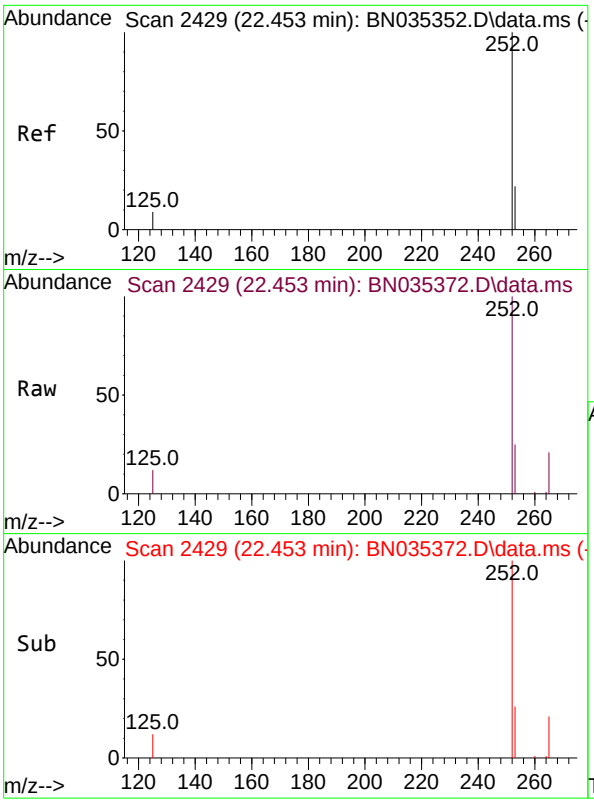


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 25.108 min Scan# 3337
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:276 Resp: 12267

Ion	Ratio	Lower	Upper
276	100		
138	22.8	19.4	29.0
277	24.4	19.8	29.6



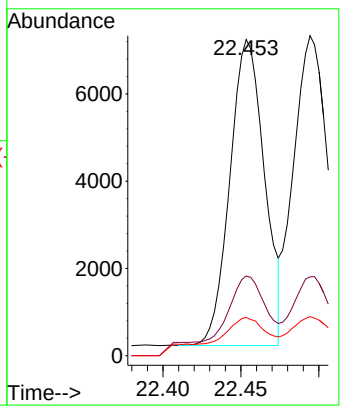


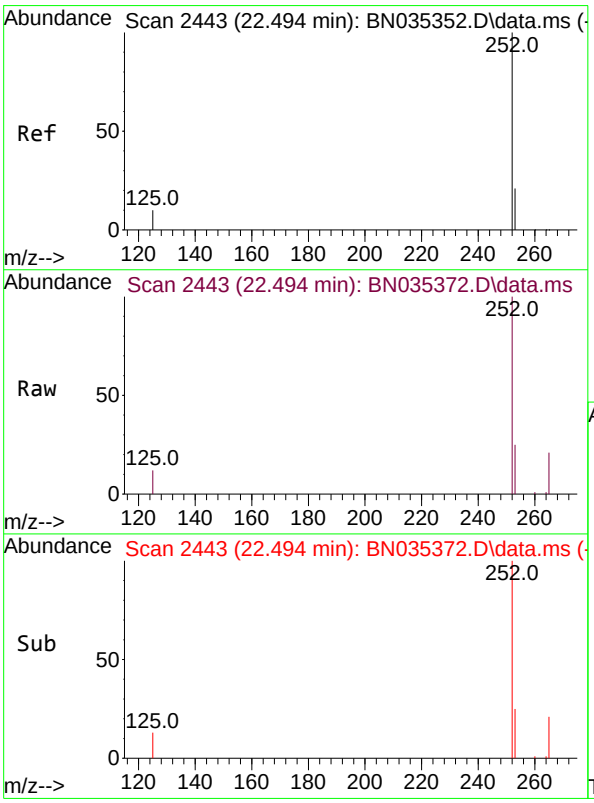
#37
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 22.453 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:252 Resp: 10820

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.6	29.4
125	12.1	9.6	14.4

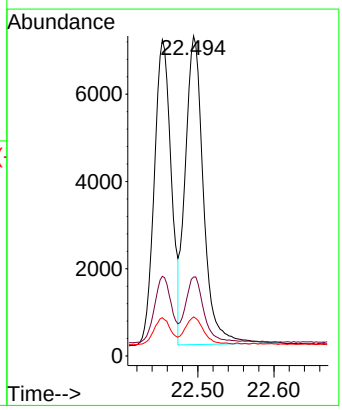


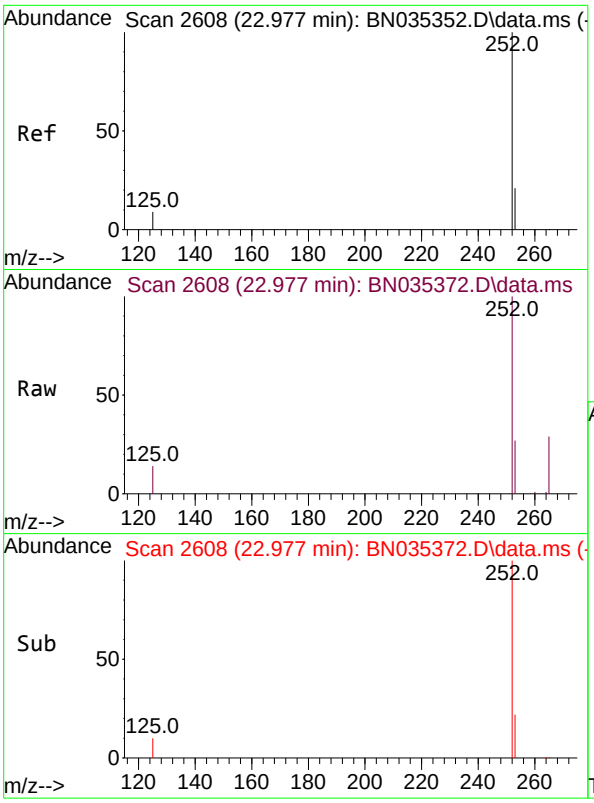


#38
Benzo(k)fluoranthene
Concen: 0.439 ng
RT: 22.494 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:252 Resp: 11732

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.5	29.3
125	12.2	10.2	15.4



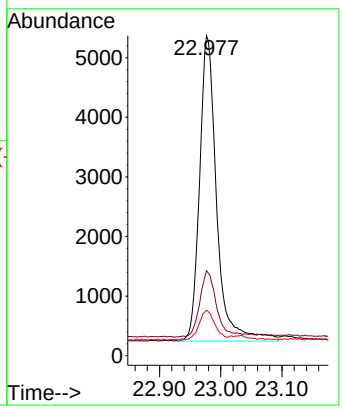


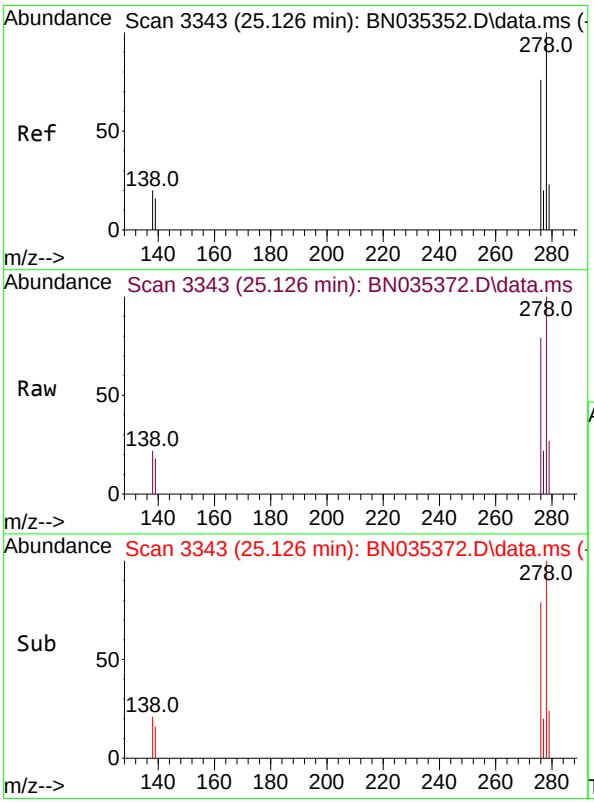
#39
Benzo(a)pyrene
Concen: 0.444 ng
RT: 22.977 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:252 Resp: 9926

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.2	30.4
125	14.2	10.9	16.3

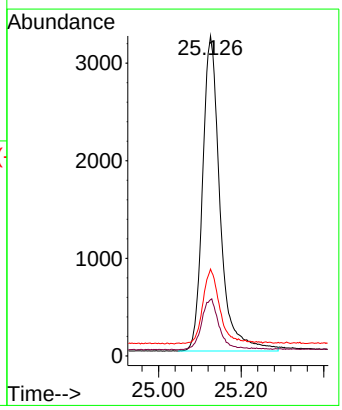


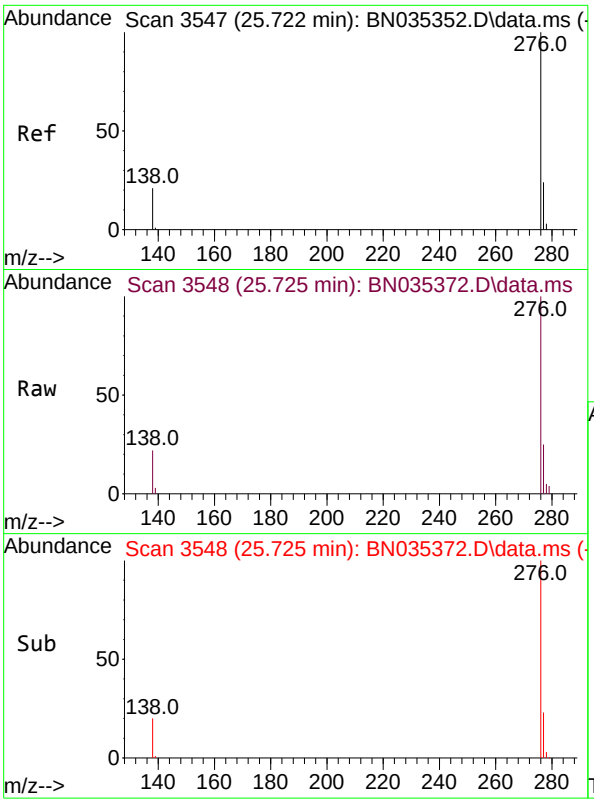


#40
Dibenzo(a,h)anthracene
Concen: 0.415 ng
RT: 25.126 min Scan# 3343
Delta R.T. 0.000 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Tgt Ion:278 Resp: 9496

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.4
279	27.1	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.394 ng
RT: 25.725 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN035372.D
Acq: 28 Nov 2024 07:15

Instrument :
BNA_N
ClientSampleId :
PB165266BS

Tgt Ion:276 Resp: 9431

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.9	29.9
138	22.2	17.8	26.8