Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035510.D
Acq On : 09 Dec 2024 17:07
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 09 17:33:24 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	7.300	152	1975	0.400	ng		0.00
7) Naphthalene-d8	10.041	136	5582	0.400	ng		#-0.01
13) Acenaphthene-d10	13.956	164	4021	0.400	ng		-0.01
19) Phenanthrene-d10	16.723	188	9077	0.400	ng		#-0.01
29) Chrysene-d12	20.965	240	8166	0.400	ng		0.00
35) Perylene-d12	23.059	264	8385	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.953	112	2063	0.417	ng		-0.01
5) Phenol-d6	6.506	99	2615	0.440	ng		0.00
8) Nitrobenzene-d5	8.429	82	1610	0.472	ng		-0.01
11) 2-Methylnaphthalene-d10	11.646	152	3499	0.401	ng		-0.01
14) 2,4,6-Tribromophenol	15.475	330	1103	0.386	ng		0.00
15) 2-Fluorobiphenyl	12.564	172	6086	0.400	ng		-0.01
27) Fluoranthene-d10	18.775	212	9358	0.364	ng		0.00
31) Terphenyl-d14	19.407	244	6666	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.996	88	717	0.380	ng		98
3) n-Nitrosodimethylamine	3.292	42	635	0.404	ng	#	98
6) bis(2-Chloroethyl)ether	6.752	93	1927	0.386	ng		98
9) Naphthalene	10.095	128	5725	0.389	ng		99
10) Hexachlorobutadiene	10.383	225	1406	0.414	ng	#	100
12) 2-Methylnaphthalene	11.722	142	4137	0.392	ng		99
16) Acenaphthylene	13.668	152	6383	0.378	ng		100
17) Acenaphthene	14.021	154	4360	0.389	ng		99
18) Fluorene	15.015	166	6050	0.377	ng		100
20) 4,6-Dinitro-2-methylph...	15.122	198	175	0.196	ng	#	56
21) 4-Bromophenyl-phenylether	15.929	248	2075	0.391	ng	#	90
22) Hexachlorobenzene	16.028	284	2587	0.415	ng		99
23) Atrazine	16.227	200	1463	0.387	ng		94
24) Pentachlorophenol	16.388	266	925	0.341	ng		86
25) Phenanthrene	16.760	178	9661	0.387	ng		100
26) Anthracene	16.860	178	8433	0.374	ng		100
28) Fluoranthene	18.808	202	12158	0.362	ng		99
30) Pyrene	19.175	202	12397	0.411	ng		100
32) Benzo(a)anthracene	20.947	228	10365	0.363	ng		99
33) Chrysene	21.000	228	11620	0.394	ng		100
34) Bis(2-ethylhexyl)phtha...	20.929	149	4418	0.392	ng		99
36) Indeno(1,2,3-cd)pyrene	25.102	276	12024	0.367	ng		97
37) Benzo(b)fluoranthene	22.447	252	13501	0.440	ng		98
38) Benzo(k)fluoranthene	22.488	252	11908	0.394	ng		99
39) Benzo(a)pyrene	22.968	252	9314	0.369	ng		97
40) Dibenzo(a,h)anthracene	25.114	278	9233	0.357	ng		97
41) Benzo(g,h,i)perylene	25.710	276	9987	0.369	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
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Misc :
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Instrument :
BNA_N
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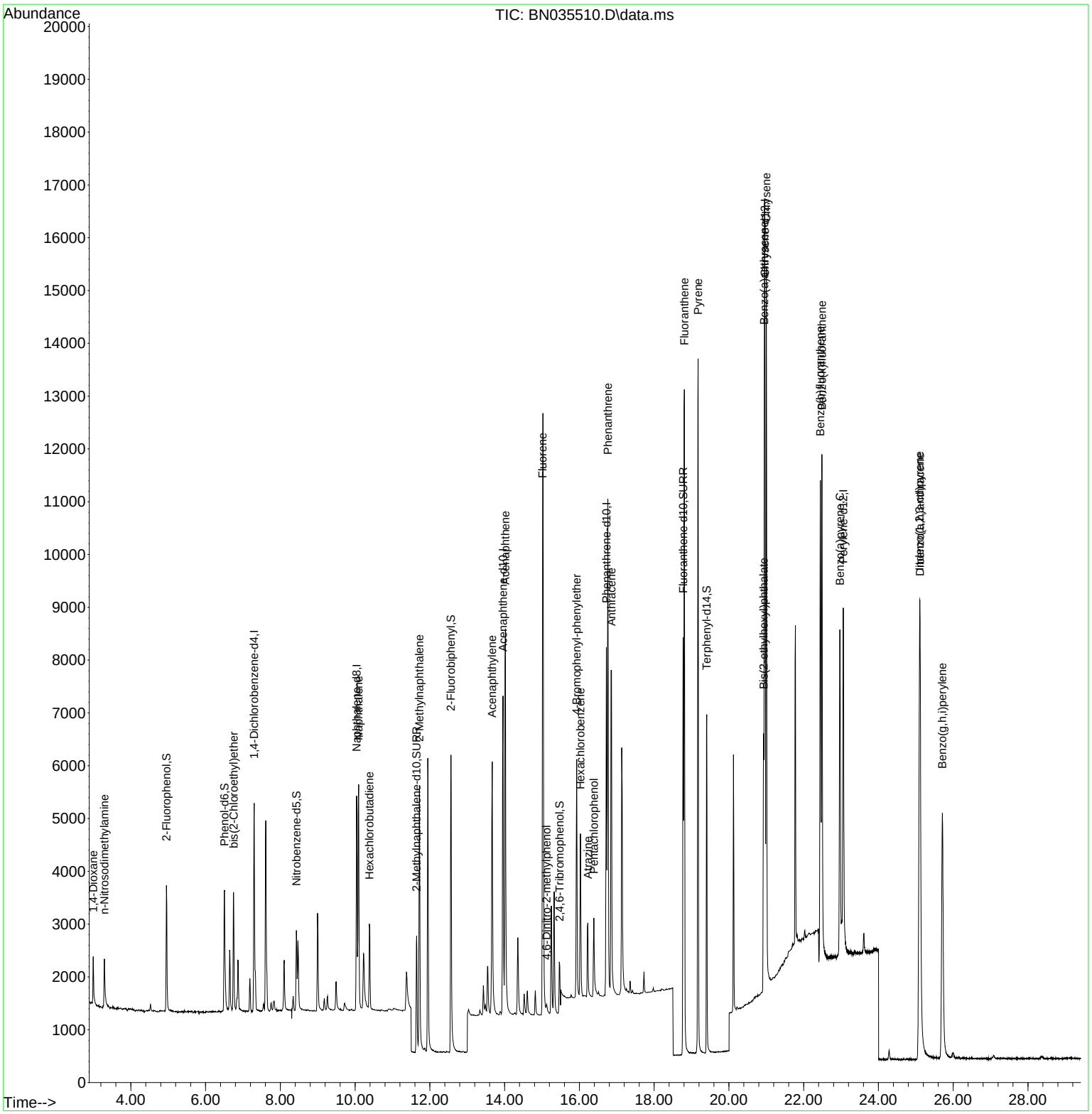
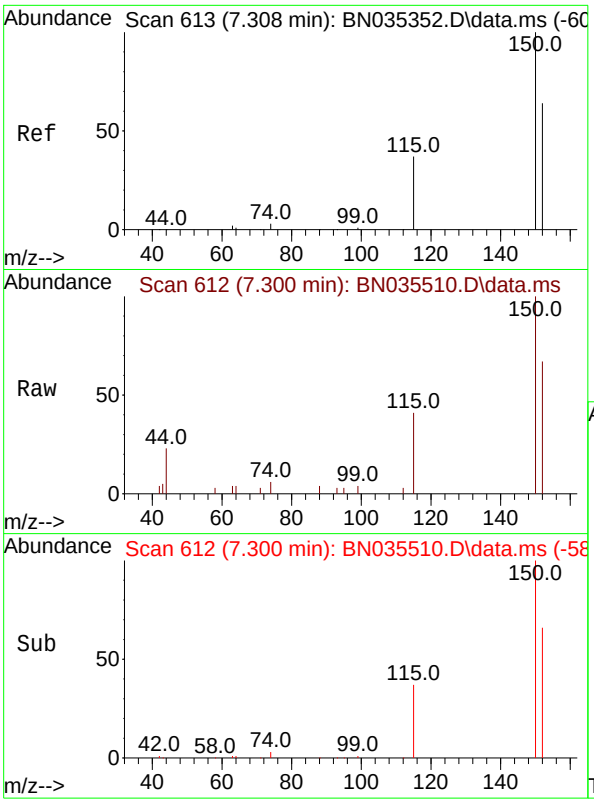
SSTDCCC0.4

Quant Time: Dec 09 17:33:24 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



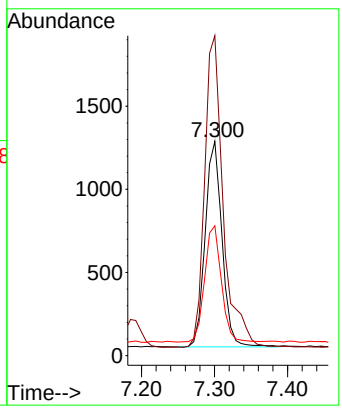


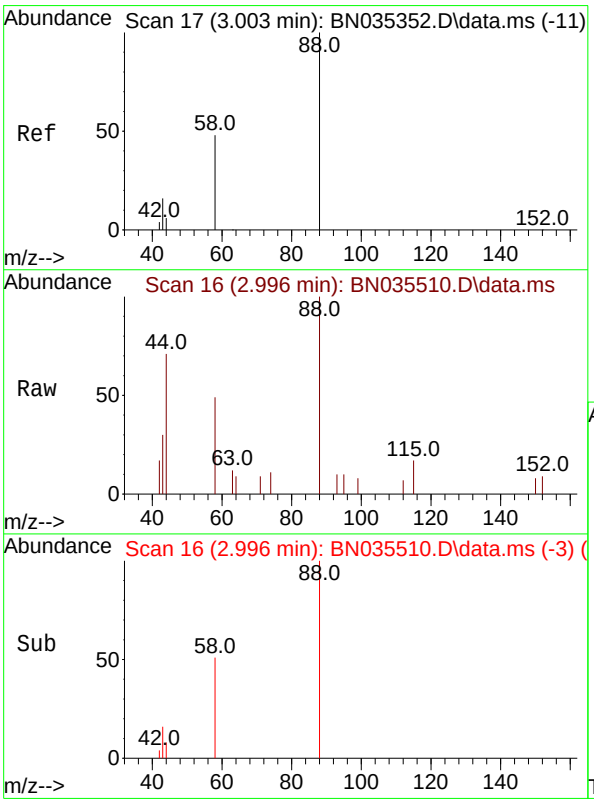
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.300 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1975

Ion	Ratio	Lower	Upper
152	100		
150	149.4	124.0	186.0
115	60.6	49.6	74.4

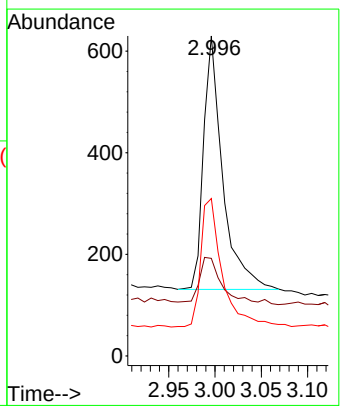


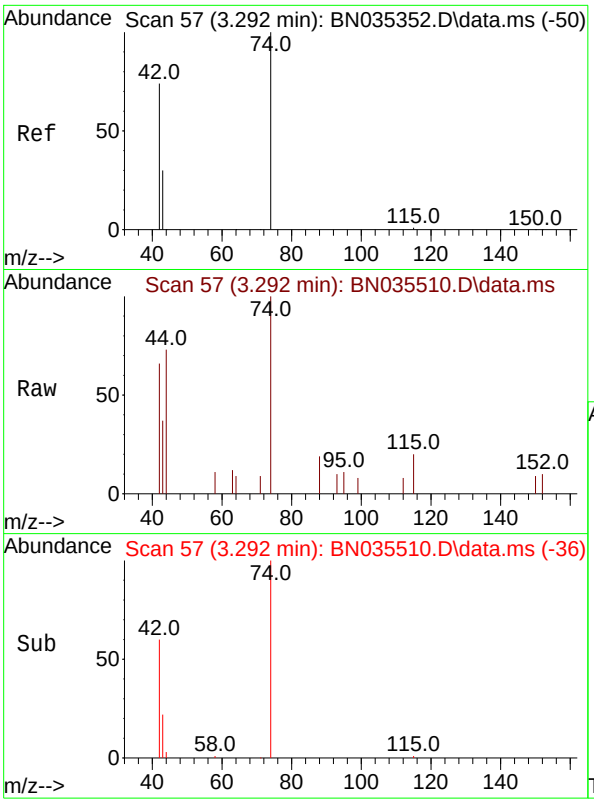


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 2.996 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion: 88 Resp: 717

Ion	Ratio	Lower	Upper
88	100		
43	23.3	17.2	25.8
58	56.8	44.5	66.7



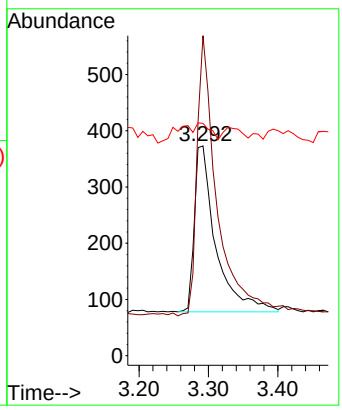


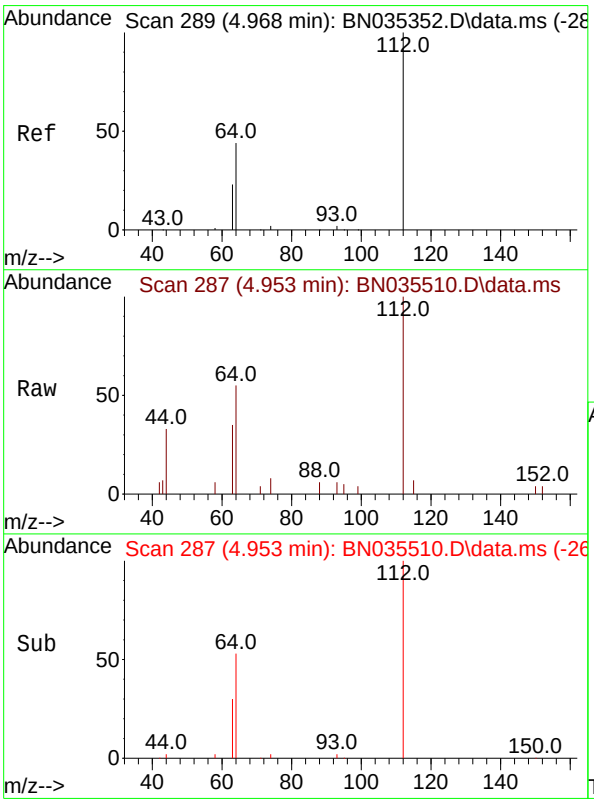
#3
n-Nitrosodimethylamine
Concen: 0.404 ng
RT: 3.292 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 635

Ion	Ratio	Lower	Upper
42	100		
74	159.1	124.9	187.3
44	6.5	2.2	3.4#

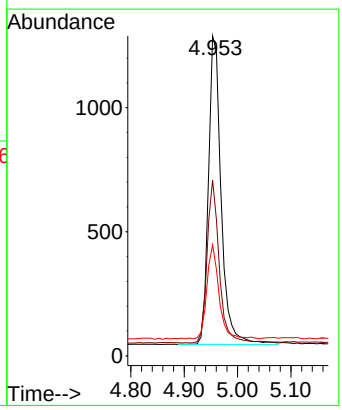


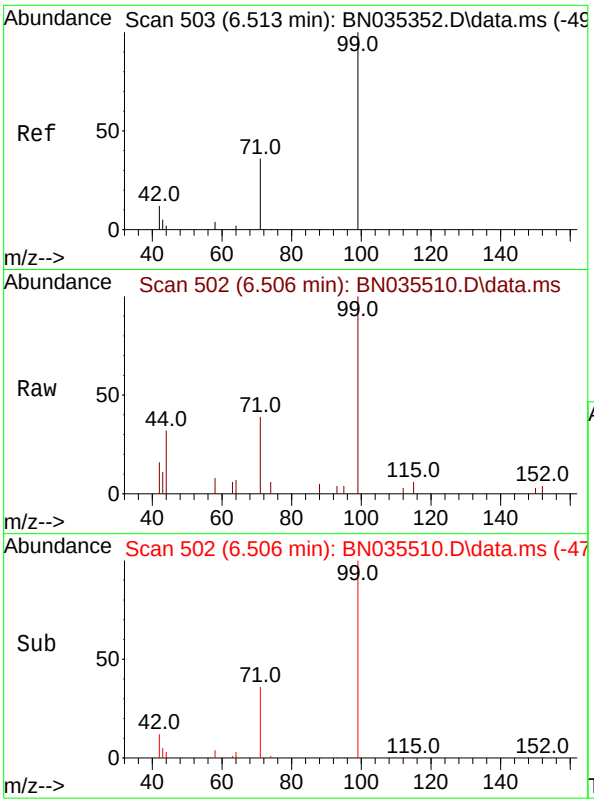


#4
2-Fluorophenol
Concen: 0.417 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.015 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:112 Resp: 2063

Ion	Ratio	Lower	Upper
112	100		
64	50.6	39.8	59.8
63	28.9	21.0	31.6



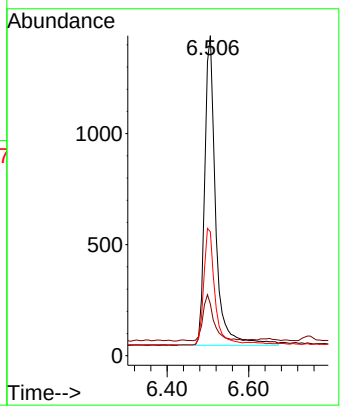


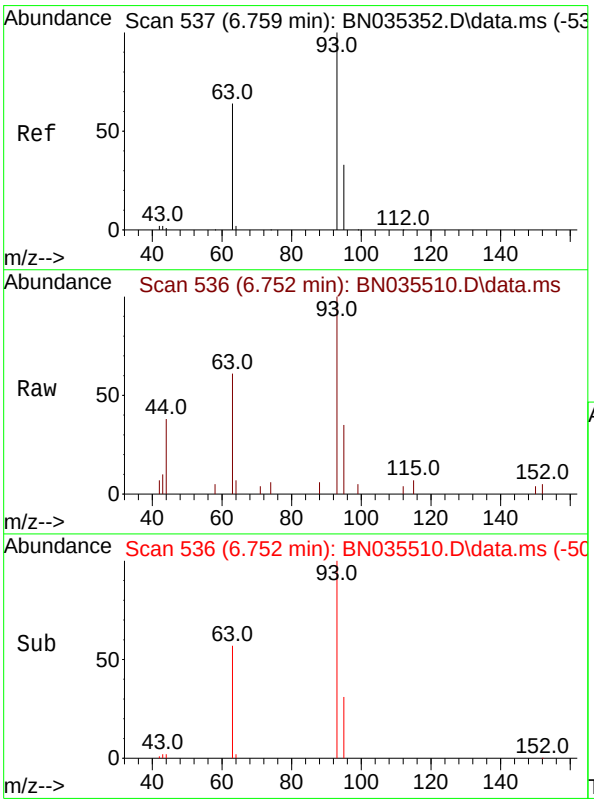
#5
Phenol-d6
Concen: 0.440 ng
RT: 6.506 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2615

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.4	17.2
71	37.6	29.3	43.9

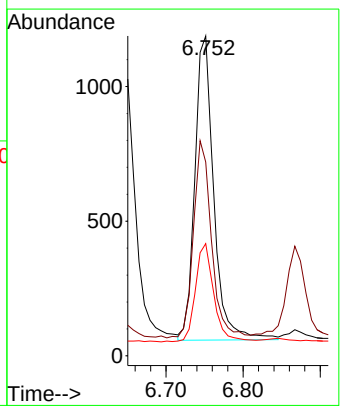


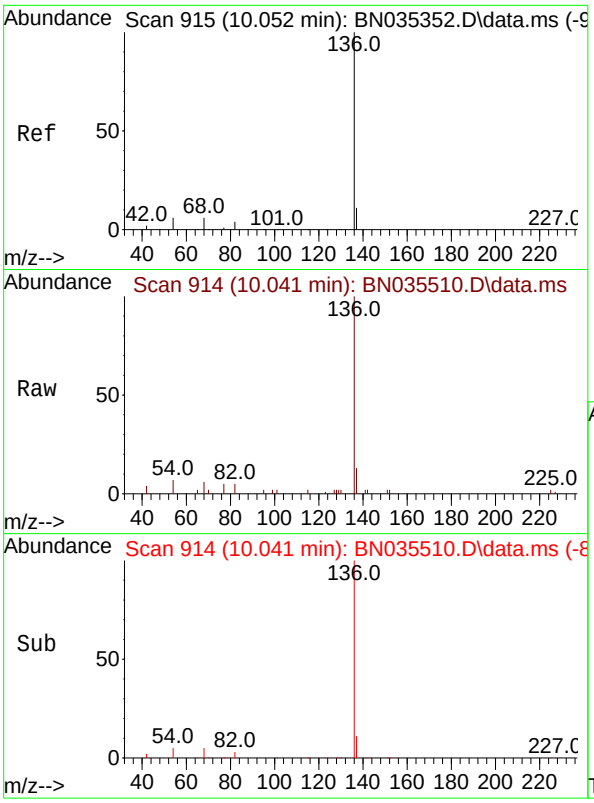


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 6.752 min Scan# 536
Delta R.T. -0.007 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion: 93 Resp: 1927

Ion	Ratio	Lower	Upper
93	100		
63	61.7	50.4	75.6
95	31.4	25.7	38.5



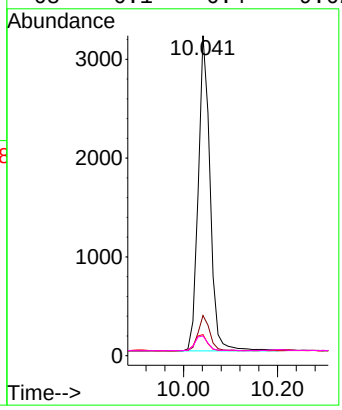


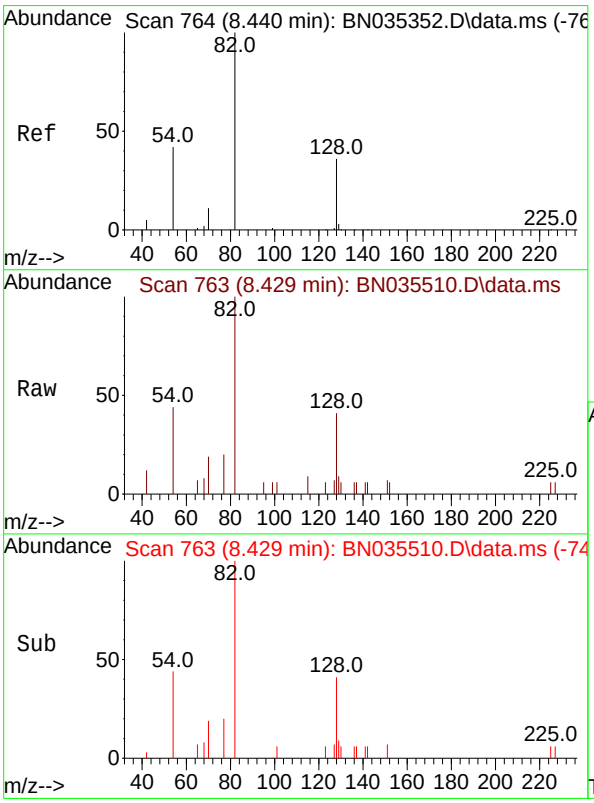
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5582

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.2	15.2
54	6.6	6.1	9.1
68	6.1	6.4	9.6#

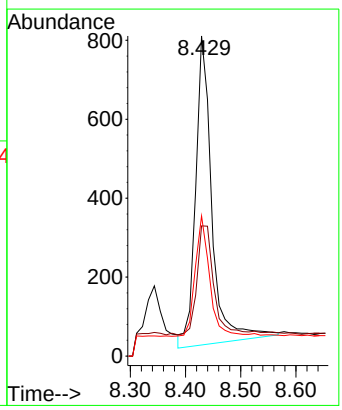


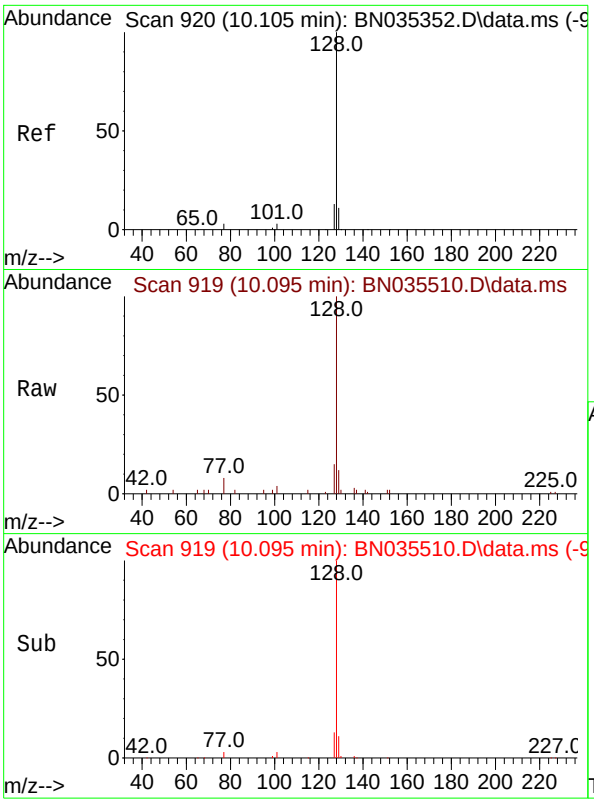


#8
Nitrobenzene-d5
Concen: 0.472 ng
RT: 8.429 min Scan# 763
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion: 82 Resp: 1610

Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.4	50.0
54	43.8	36.7	55.1



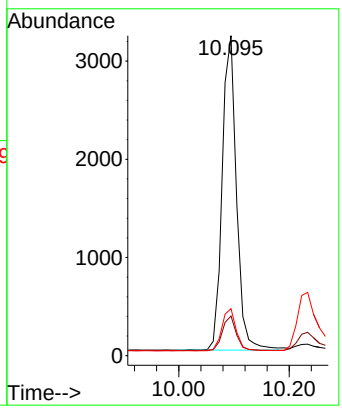


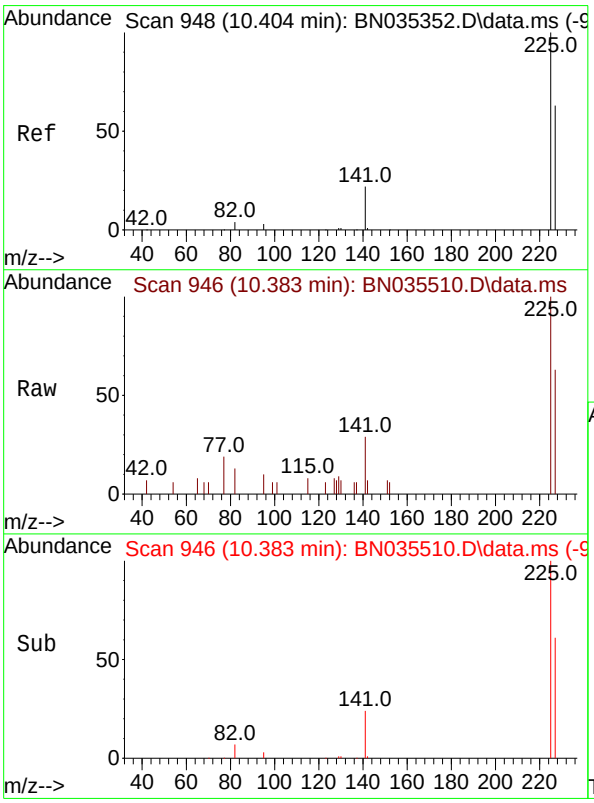
#9
Naphthalene
Concen: 0.389 ng
RT: 10.095 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 5725

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	14.7	11.4	17.2

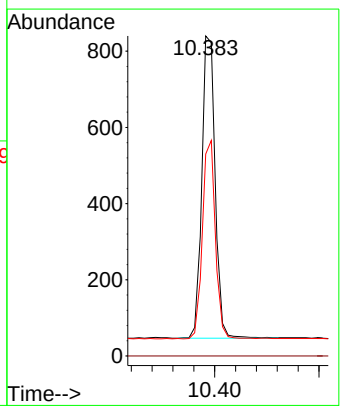


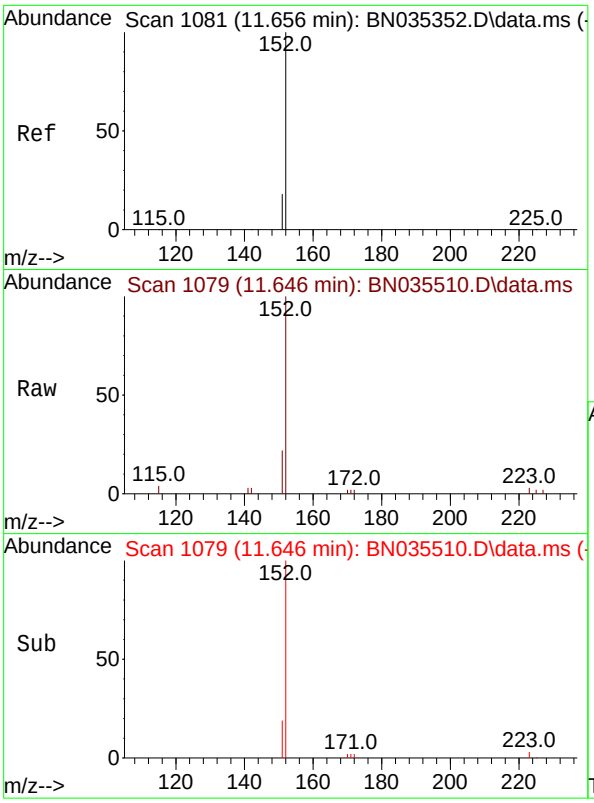


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 10.383 min Scan# 946
Delta R.T. -0.021 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:225 Resp: 1406

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.3	76.9



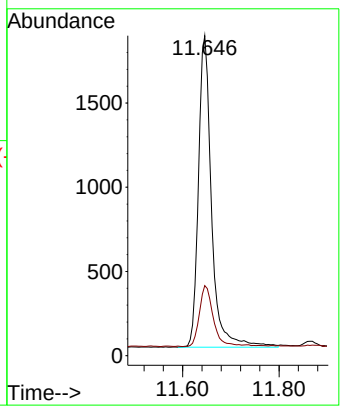


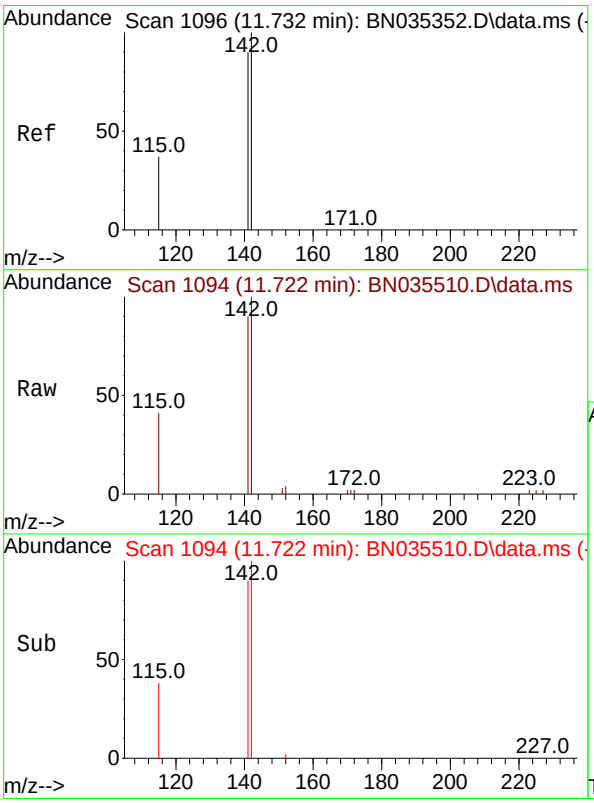
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 11.646 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3499

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0

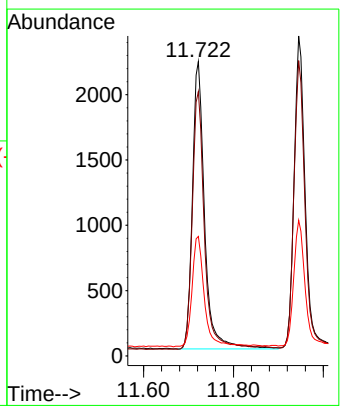


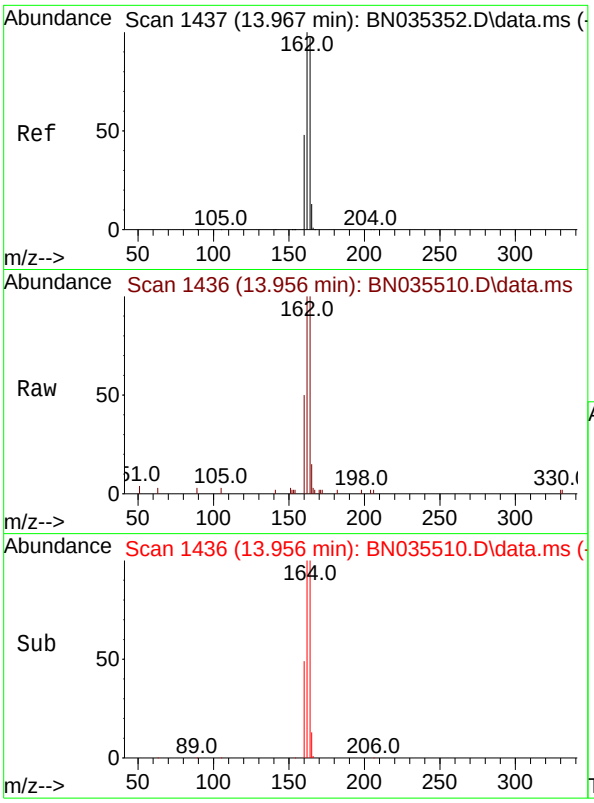


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 11.722 min Scan# 1094
Delta R.T. -0.010 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:142 Resp: 4137

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.2	108.4
115	40.6	31.4	47.0



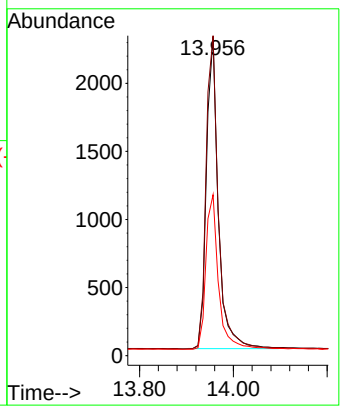


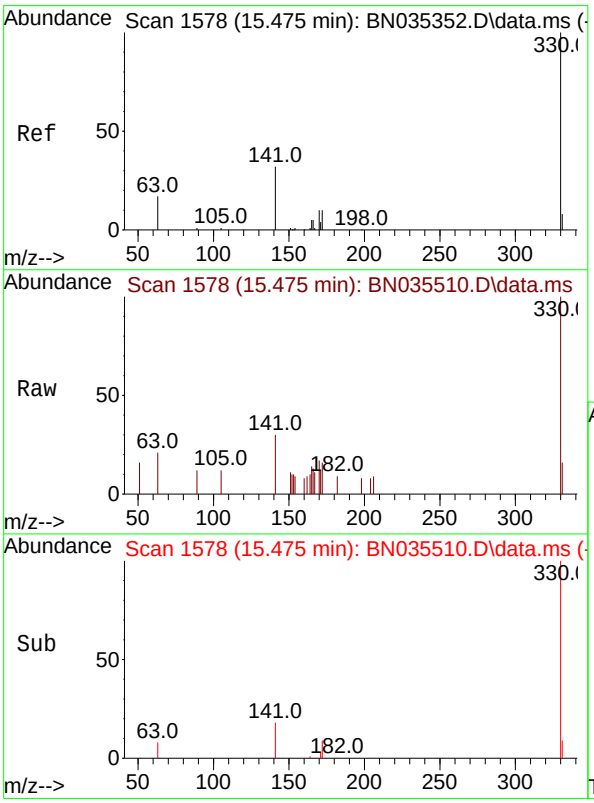
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.956 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 4021

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.2	123.2
160	50.5	40.1	60.1

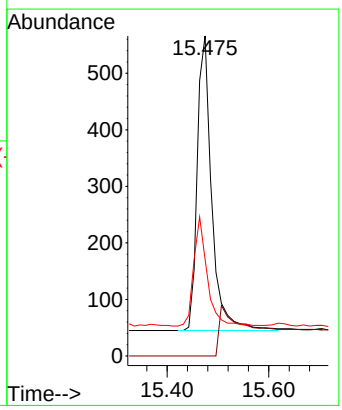


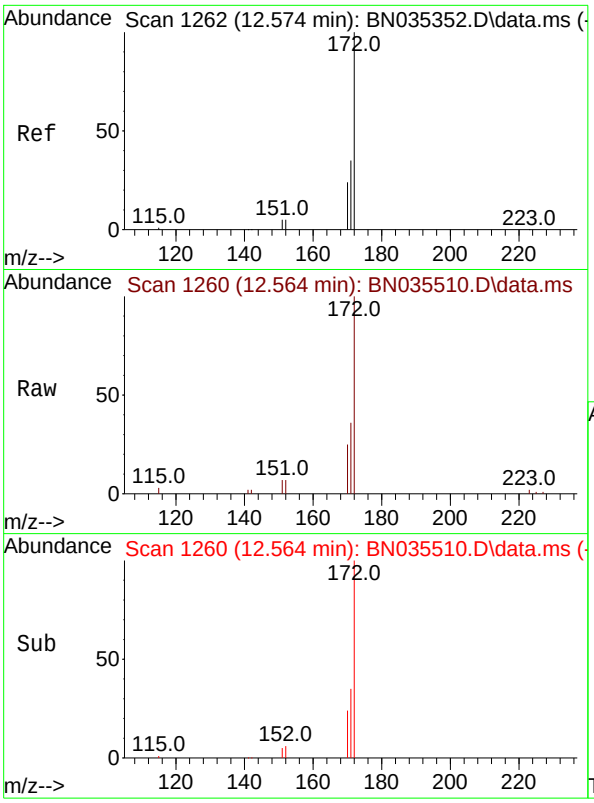


#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:330 Resp: 1103

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	26.6	40.0



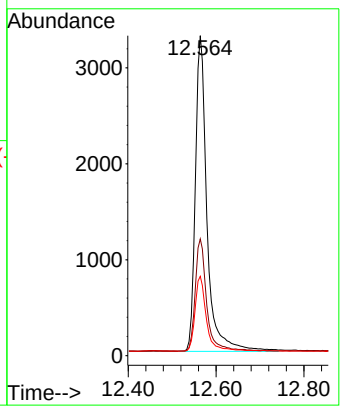


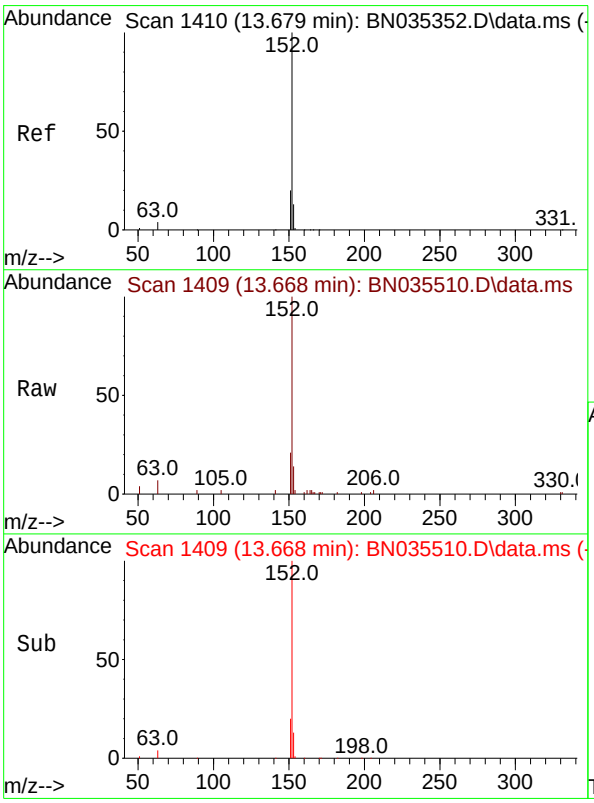
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.564 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6086

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.8	19.8	29.8

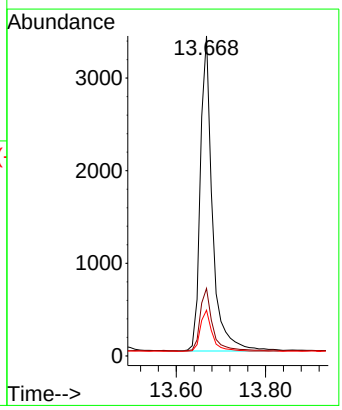


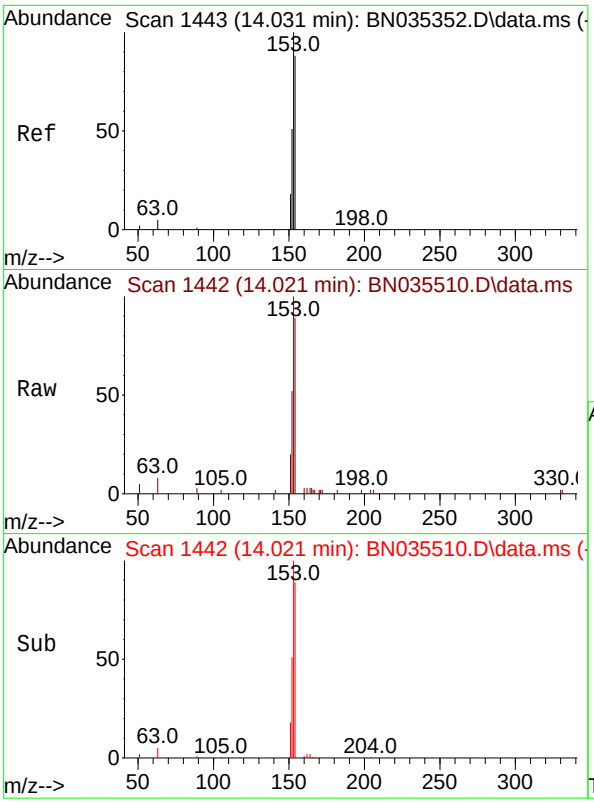


#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.668 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:152 Resp: 6383

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.3	10.4	15.6



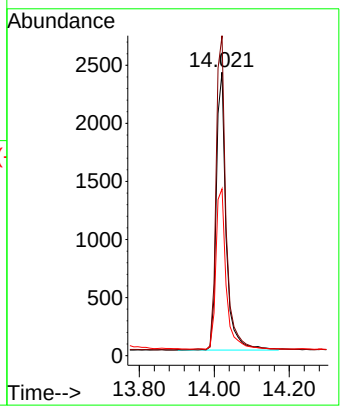


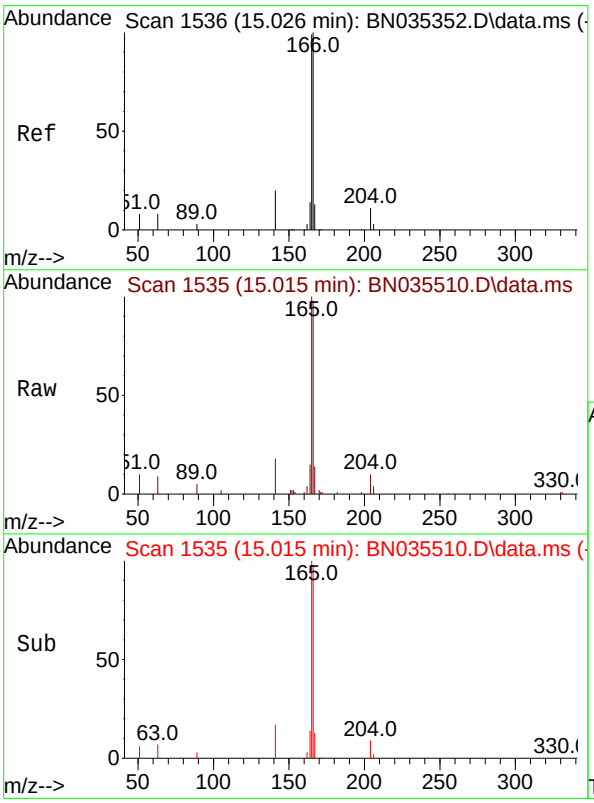
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.021 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4360

Ion	Ratio	Lower	Upper
154	100		
153	114.5	92.6	139.0
152	60.1	49.0	73.6

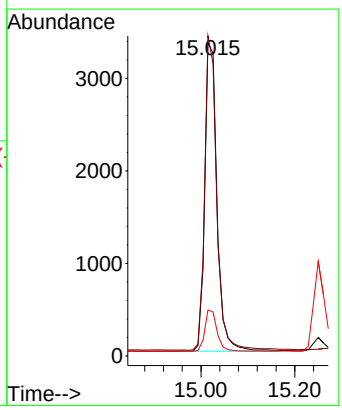


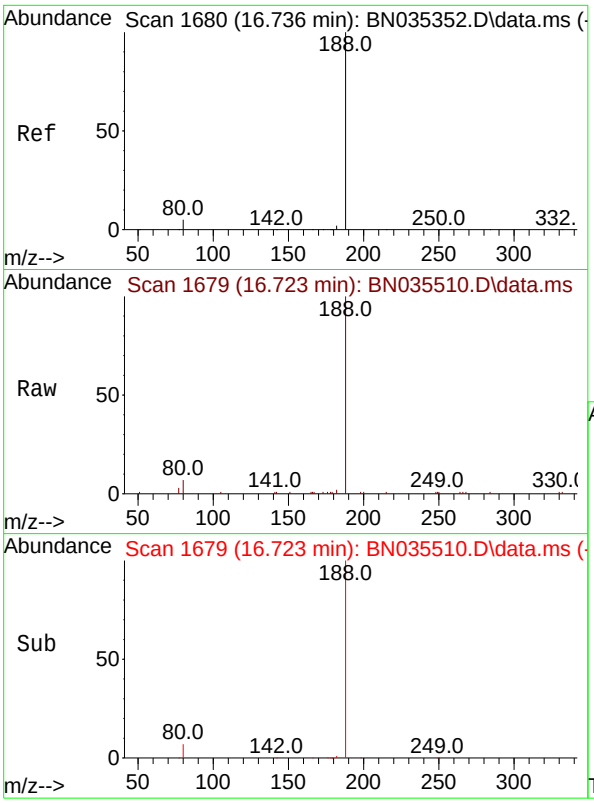


#18
Fluorene
Concen: 0.377 ng
RT: 15.015 min Scan# 1535
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:166 Resp: 6050

Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.7	119.5
167	13.6	10.8	16.2



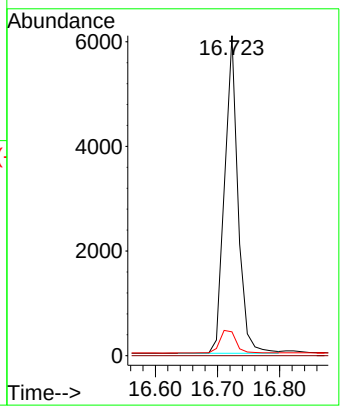


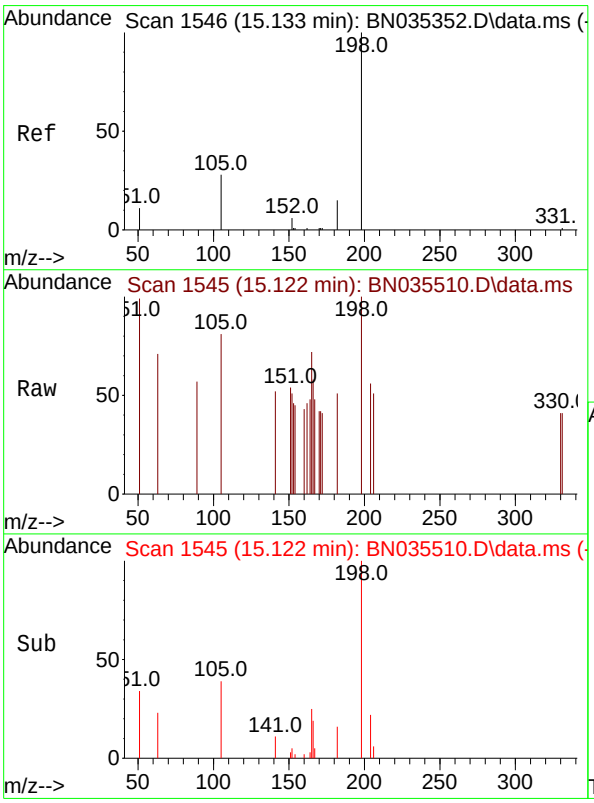
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 9077

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	4.6	6.8#

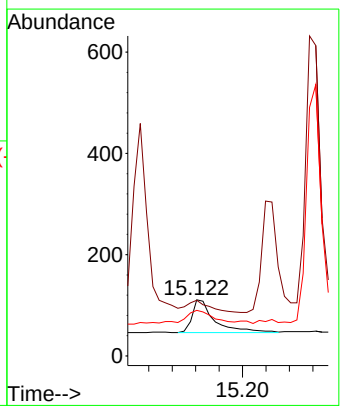


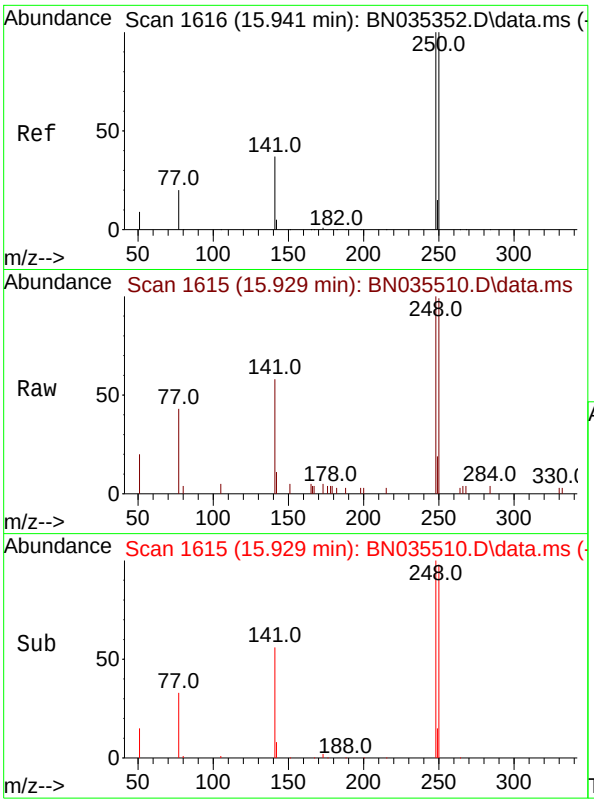


#20
4,6-Dinitro-2-methylphenol
Concen: 0.196 ng
RT: 15.122 min Scan# 1545
Delta R.T. -0.011 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:198 Resp: 175

Ion	Ratio	Lower	Upper
198	100		
51	99.1	46.5	69.7#
105	81.1	45.3	67.9#



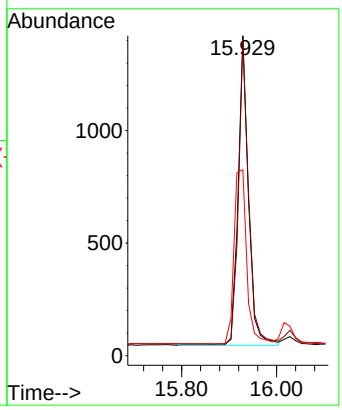


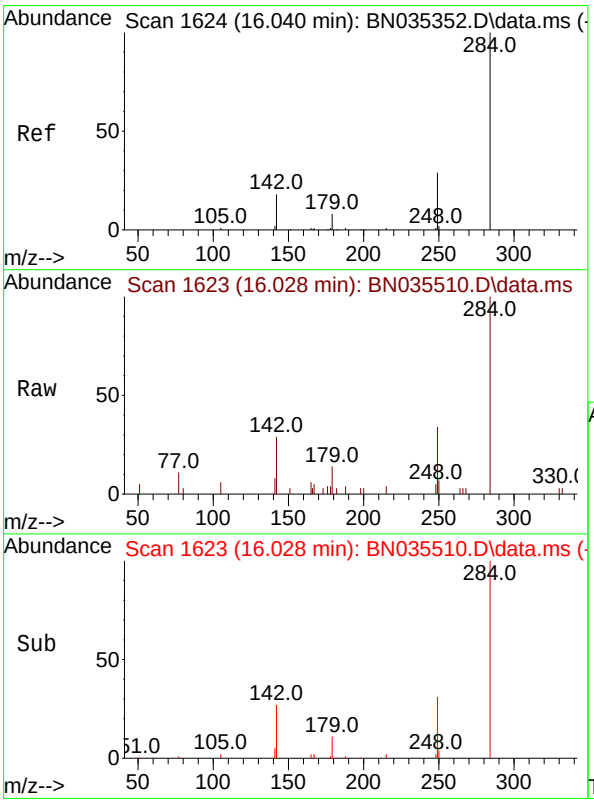
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 15.929 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 2075

Ion	Ratio	Lower	Upper
248	100		
250	98.6	80.6	120.8
141	58.1	31.5	47.3#

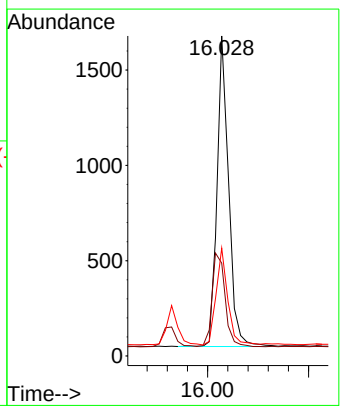


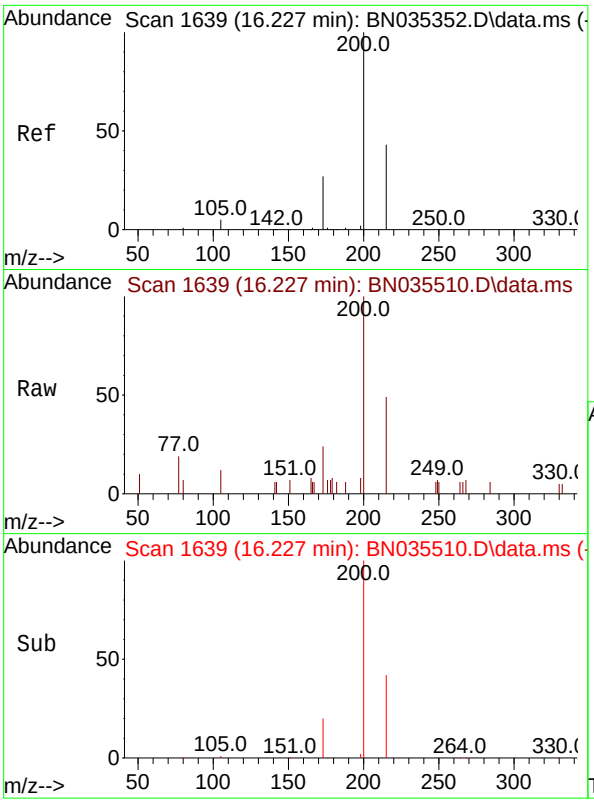


#22
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.028 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:284 Resp: 2587

Ion	Ratio	Lower	Upper
284	100		
142	34.1	26.7	40.1
249	31.2	24.6	36.8



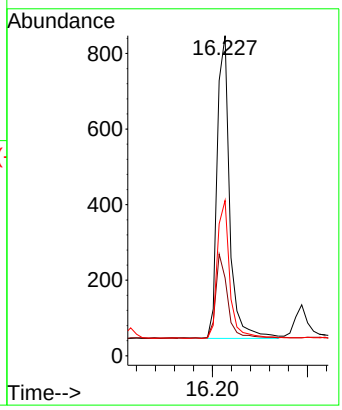


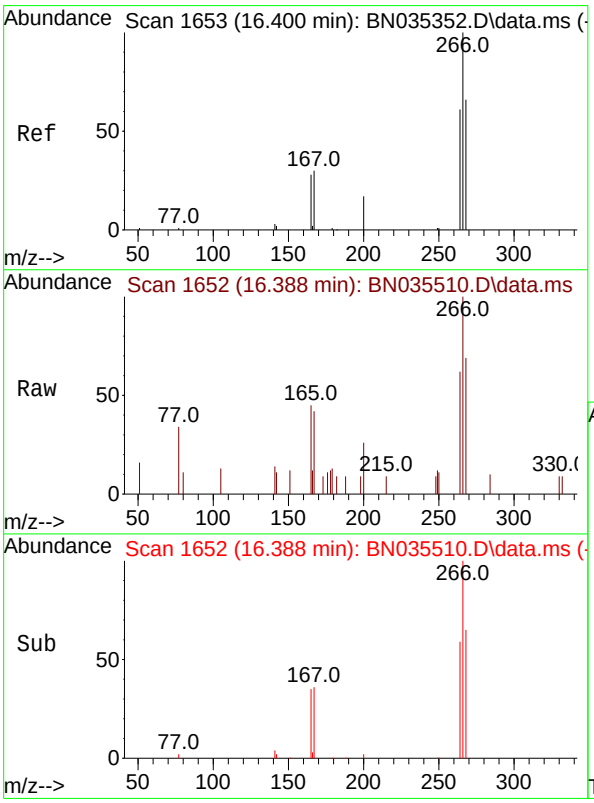
#23
Atrazine
Concen: 0.387 ng
RT: 16.227 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1463

Ion	Ratio	Lower	Upper
200	100		
173	24.3	24.1	36.1
215	48.5	36.9	55.3

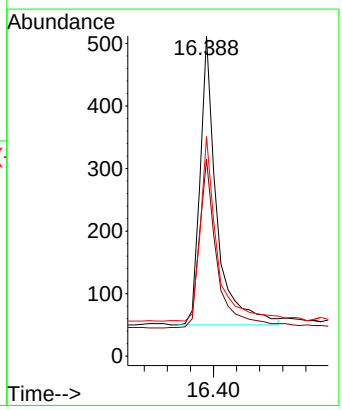


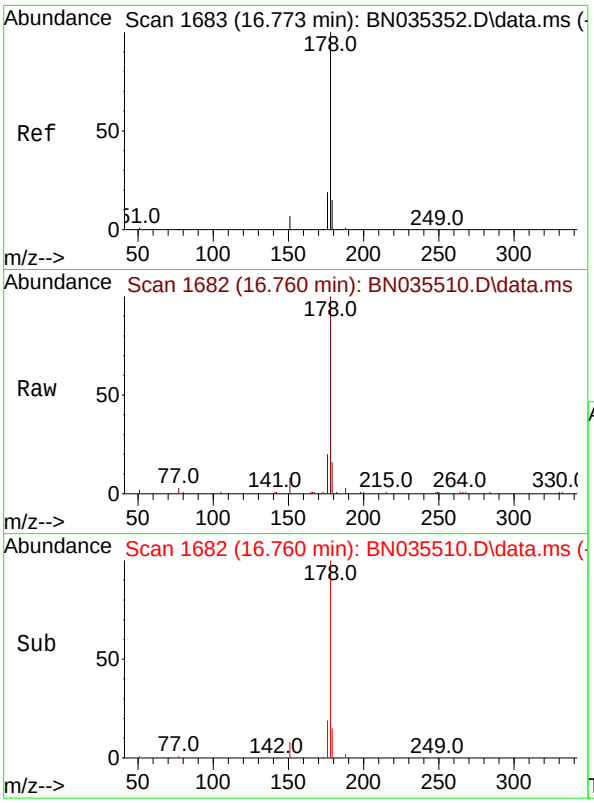


#24
Pentachlorophenol
Concen: 0.341 ng
RT: 16.388 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:266 Resp: 925

Ion	Ratio	Lower	Upper
266	100		
264	63.2	42.3	63.5
268	64.3	43.3	64.9



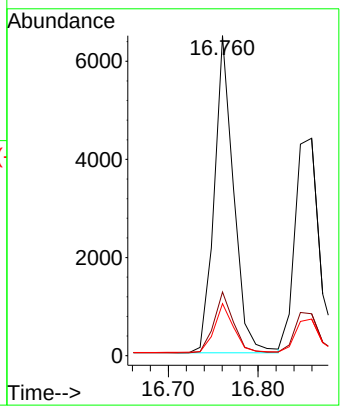


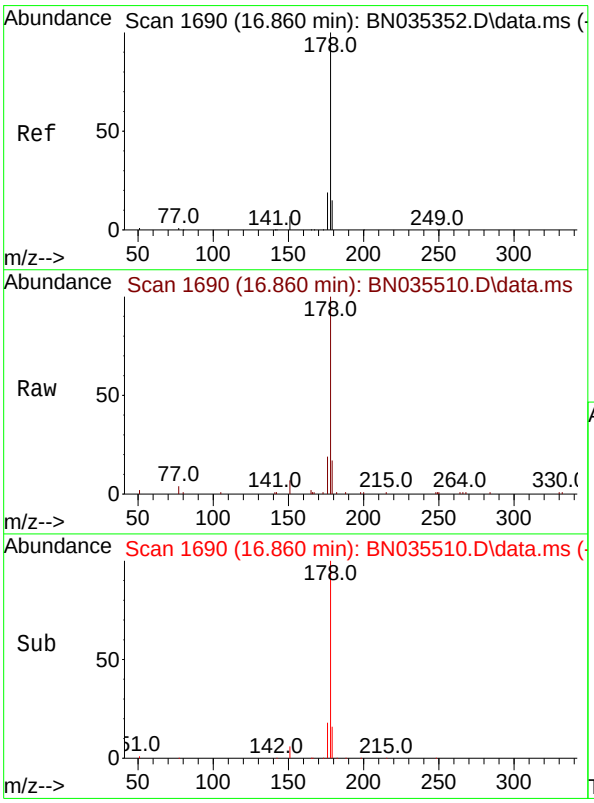
#25
Phenanthrene
Concen: 0.387 ng
RT: 16.760 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 9661

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.3	18.5

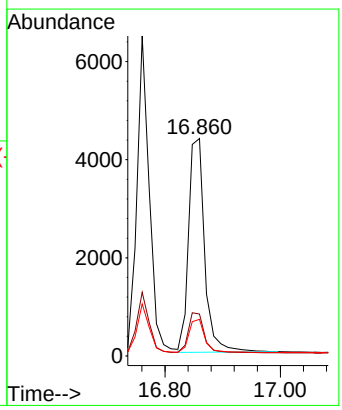


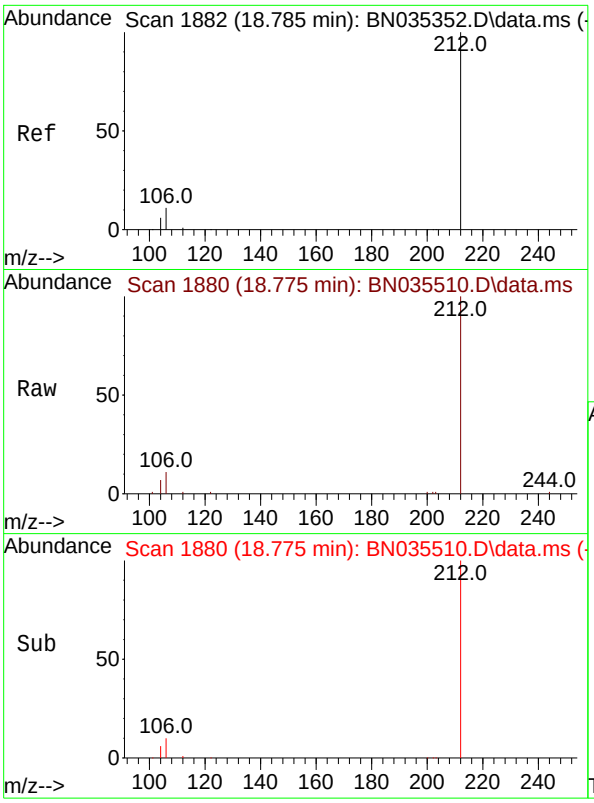


#26
Anthracene
Concen: 0.374 ng
RT: 16.860 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:178 Resp: 8433

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.6	18.8



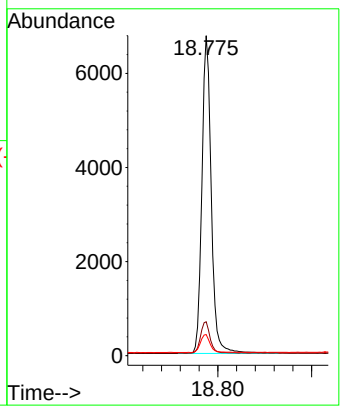


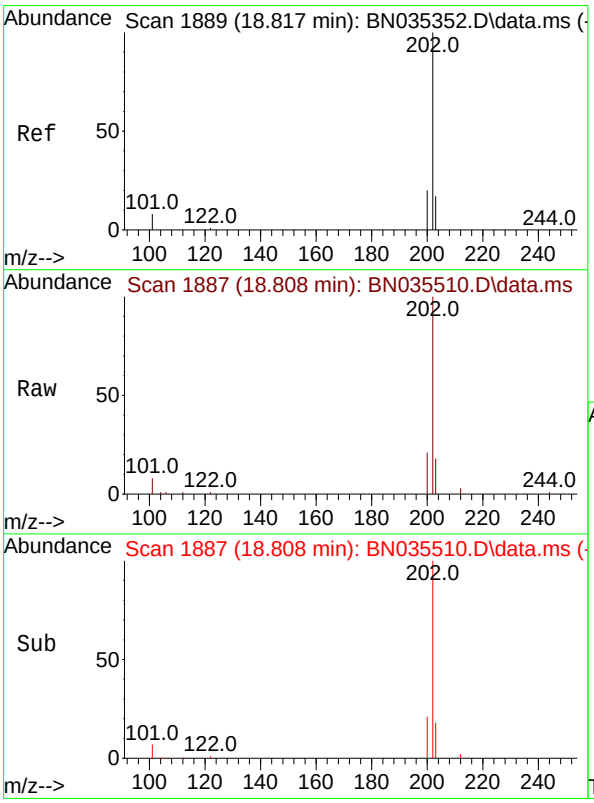
#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 18.775 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 9358

Ion	Ratio	Lower	Upper
212	100		
106	10.1	9.2	13.8
104	5.9	5.3	7.9

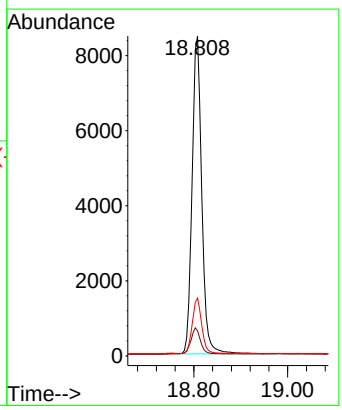


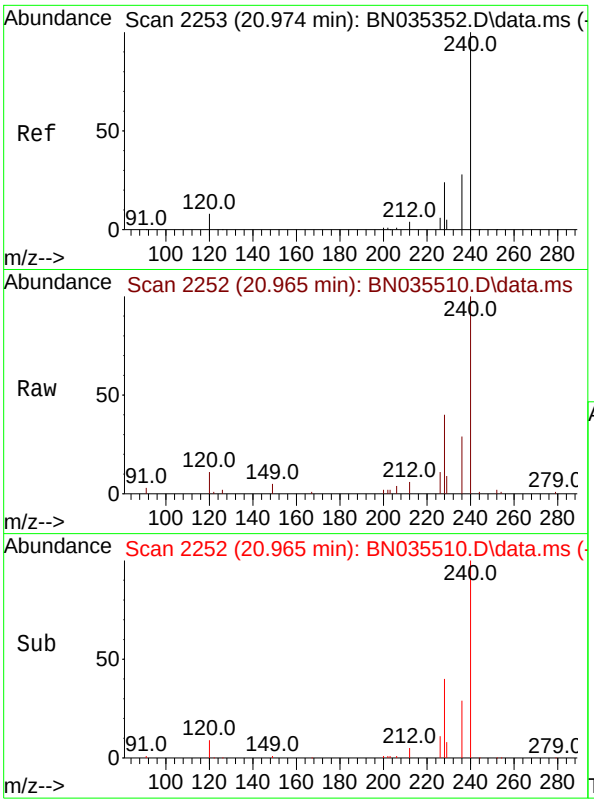


#28
Fluoranthene
Concen: 0.362 ng
RT: 18.808 min Scan# 1887
Delta R.T. -0.009 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:202 Resp: 12158

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.4	11.0
203	17.0	13.7	20.5



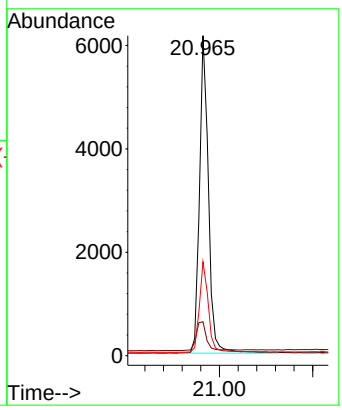


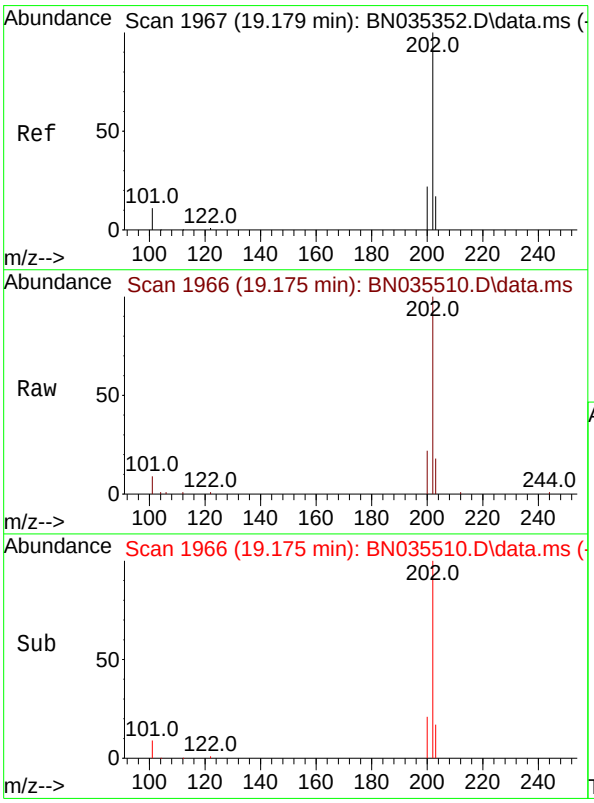
#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8166

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.9	11.9
236	29.4	22.9	34.3

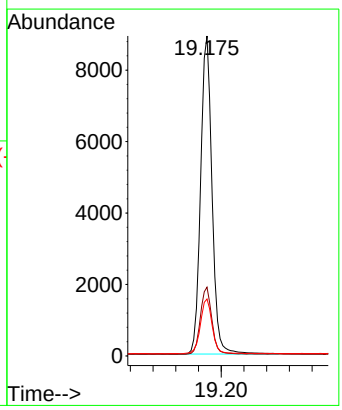


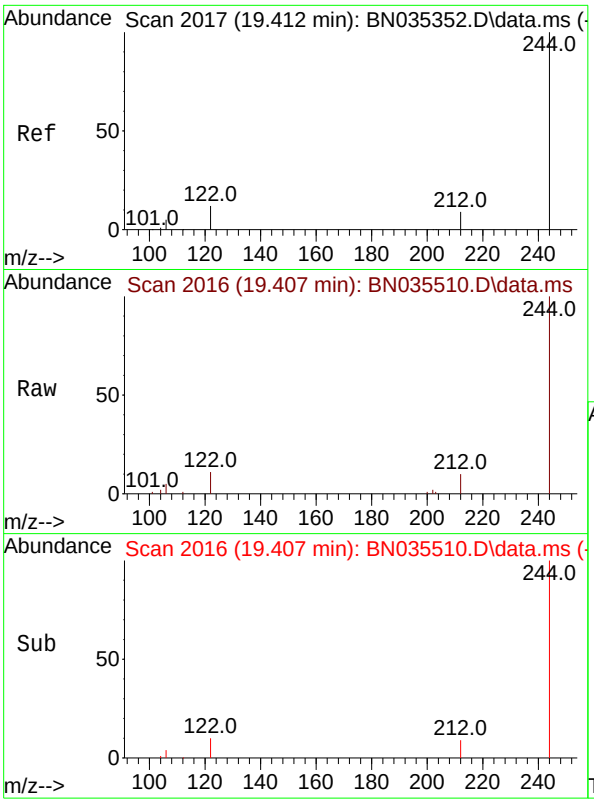


#30
Pyrene
Concen: 0.411 ng
RT: 19.175 min Scan# 1966
Delta R.T. -0.005 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:202 Resp: 12397

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.7	14.3	21.5



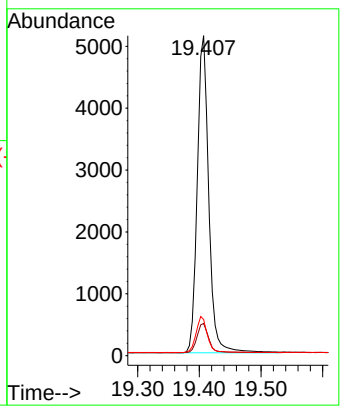


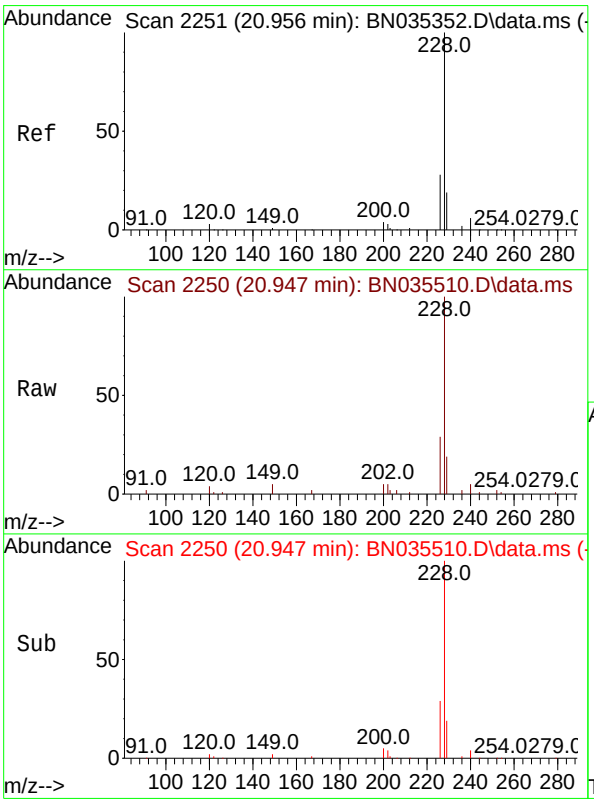
#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.407 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 6666

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.1	12.1
122	11.3	10.3	15.5

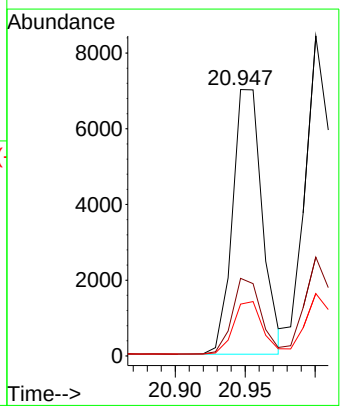


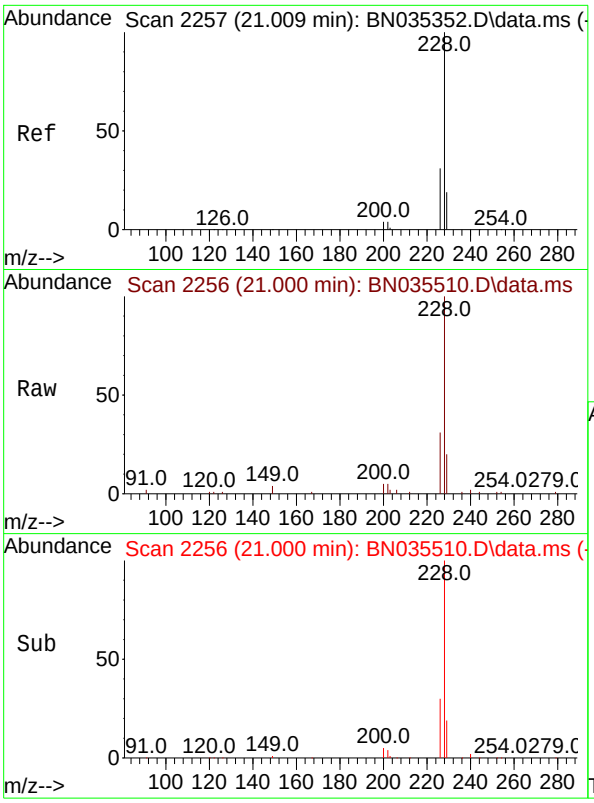


#32
Benzo(a)anthracene
Concen: 0.363 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:228 Resp: 10365

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	19.5	15.8	23.8



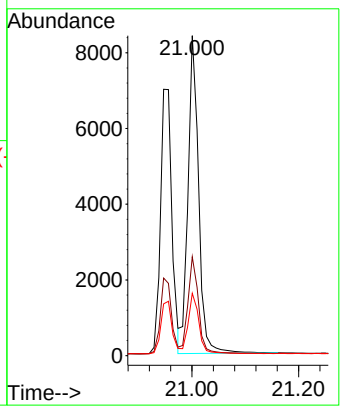


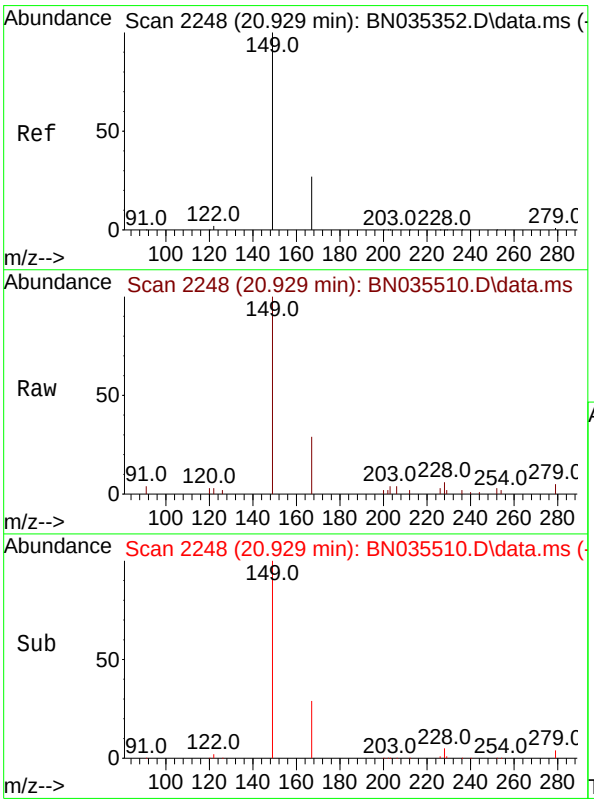
#33
Chrysene
Concen: 0.394 ng
RT: 21.000 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 11620

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.5	15.9	23.9

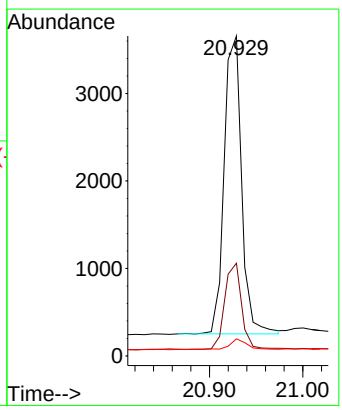


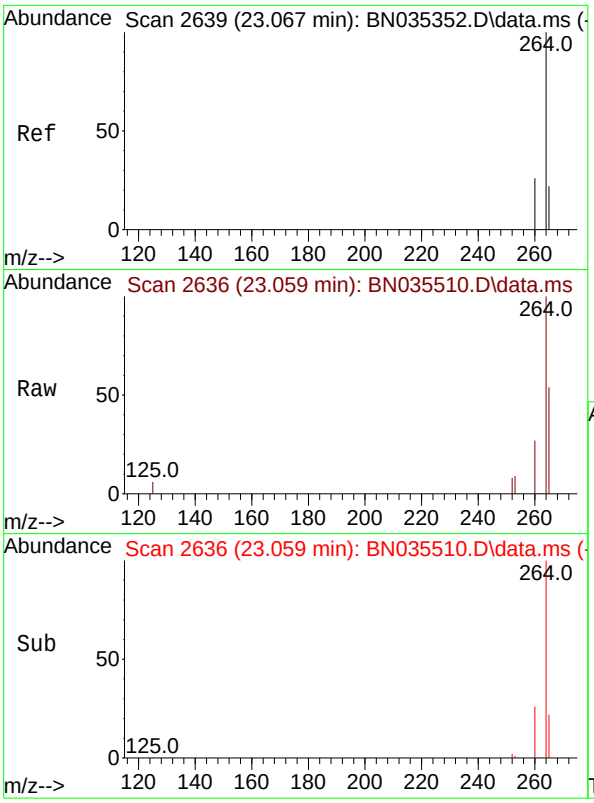


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.392 ng
RT: 20.929 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:149 Resp: 4418

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



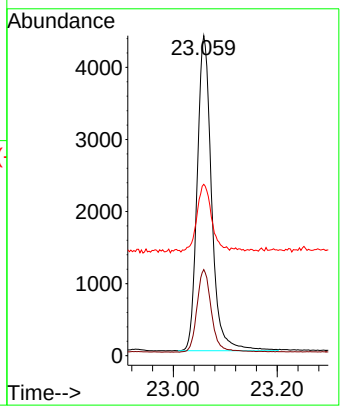


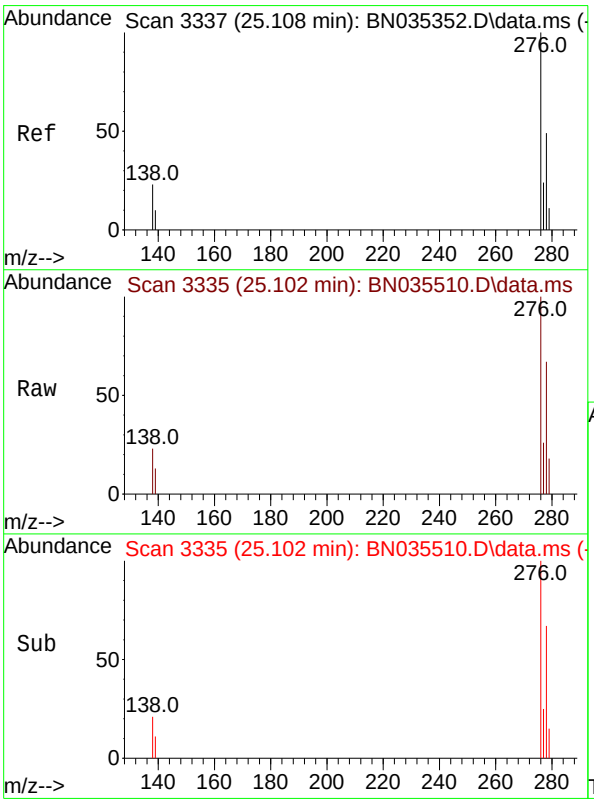
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.059 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 8385

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.4	32.2
265	53.6	40.2	60.4

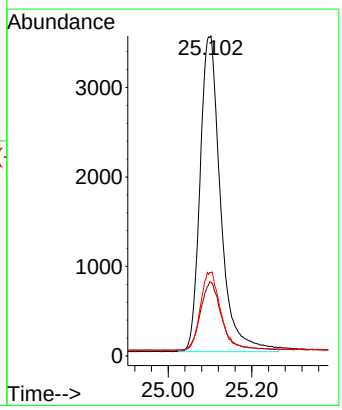


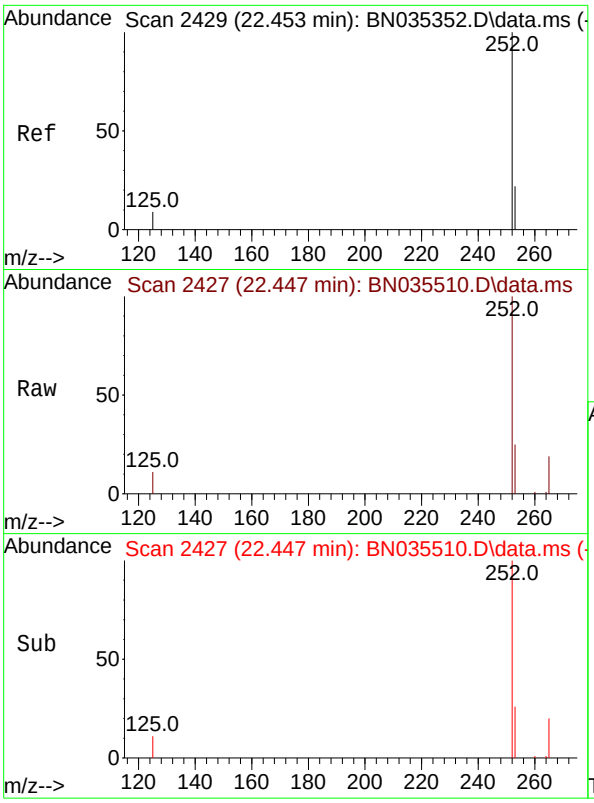


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 25.102 min Scan# 3335
Delta R.T. -0.006 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:276 Resp: 12024

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.4	29.0
277	24.6	19.8	29.6



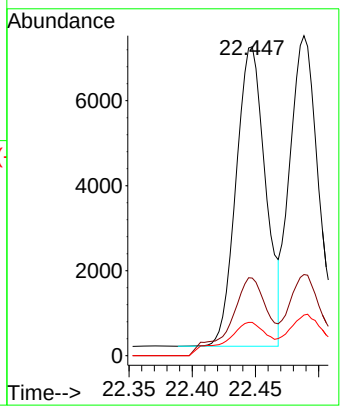


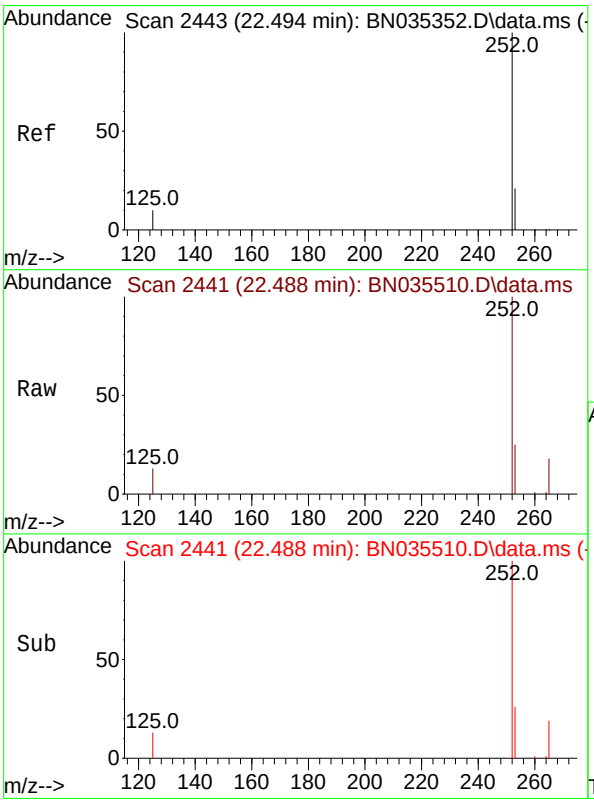
#37
Benzo(b)fluoranthene
Concen: 0.440 ng
RT: 22.447 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 13501

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.6	29.4
125	10.8	9.6	14.4

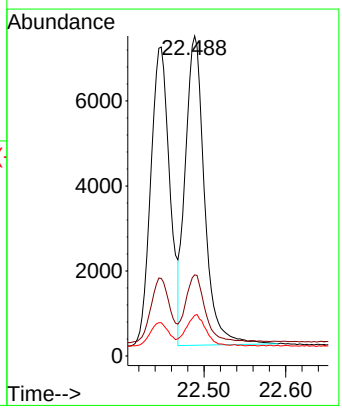


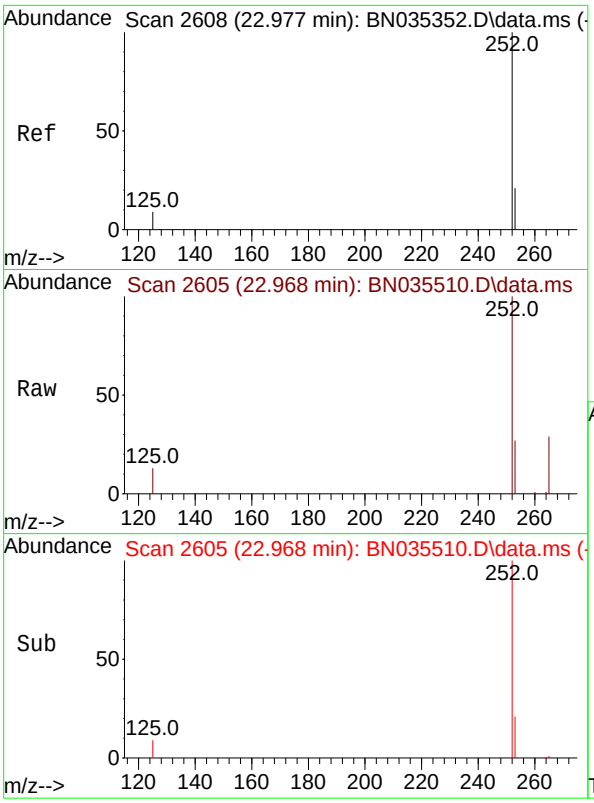


#38
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 22.488 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:252 Resp: 11908

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.5	29.3
125	12.7	10.2	15.4



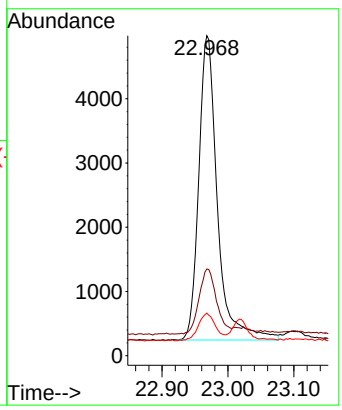


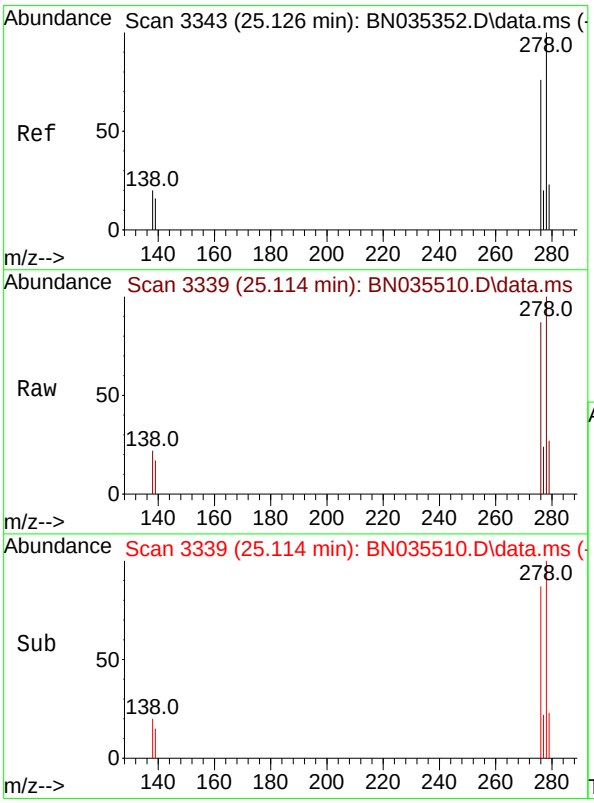
#39
Benzo(a)pyrene
Concen: 0.369 ng
RT: 22.968 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 9314

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.2	30.4
125	13.3	10.9	16.3

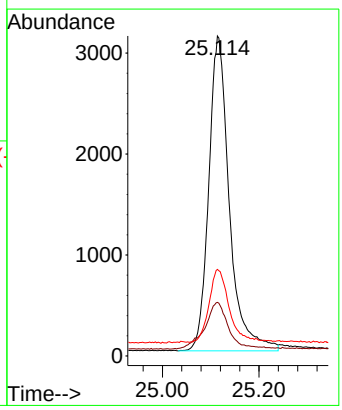


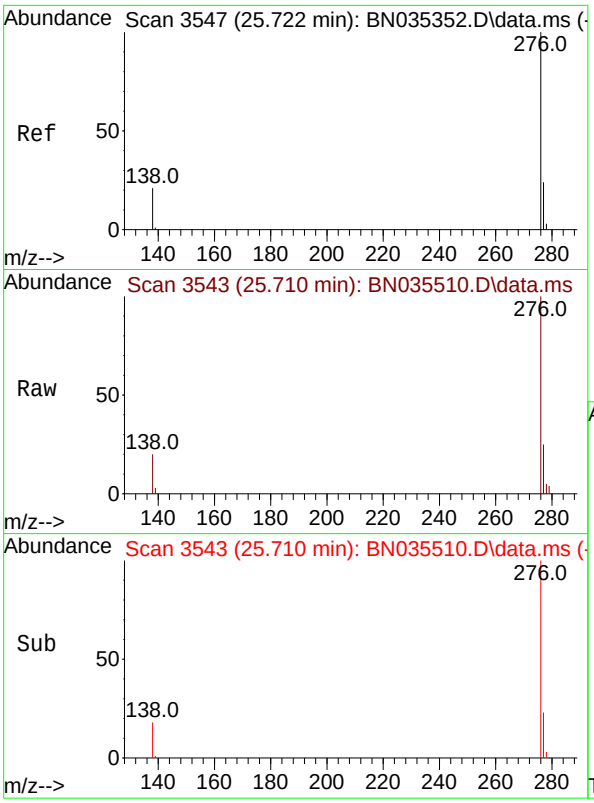


#40
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.114 min Scan# 3339
Delta R.T. -0.012 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Tgt Ion:278 Resp: 9233

Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.2	21.4
279	27.0	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.369 ng
RT: 25.710 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN035510.D
Acq: 09 Dec 2024 17:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9987

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.9	29.9
138	19.9	17.8	26.8