Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034118.D
Acq On : 21 Sep 2024 11:14
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 22 23:57:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	5641	0.400	ng		0.00
7) Naphthalene-d8	10.180	136	16594	0.400	ng		#-0.02
13) Acenaphthene-d10	14.073	164	9245	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	20813	0.400	ng		0.00
29) Chrysene-d12	21.053	240	14539	0.400	ng		# 0.00
35) Perylene-d12	23.171	264	12395	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	6171	0.385	ng		0.00
5) Phenol-d6	6.622	99	7250	0.389	ng		-0.01
8) Nitrobenzene-d5	8.568	82	5125	0.404	ng		0.00
11) 2-Methylnaphthalene-d10	11.784	152	9591	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.580	330	1565	0.374	ng		0.00
15) 2-Fluorobiphenyl	12.683	172	15635	0.416	ng		-0.02
27) Fluoranthene-d10	18.876	212	20233	0.385	ng		-0.01
31) Terphenyl-d14	19.494	244	12944	0.446	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.068	88	2768	0.392	ng		88
3) n-Nitrosodimethylamine	3.372	42	3691	0.460	ng	#	82
6) bis(2-Chloroethyl)ether	6.874	93	6354	0.386	ng		96
9) Naphthalene	10.233	128	18201	0.400	ng		100
10) Hexachlorobutadiene	10.522	225	3544	0.413	ng	#	99
12) 2-Methylnaphthalene	11.859	142	11687	0.394	ng		99
16) Acenaphthylene	13.784	152	15863	0.401	ng		100
17) Acenaphthene	14.137	154	11844	0.417	ng		99
18) Fluorene	15.131	166	15356	0.412	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1066	0.414	ng	#	68
21) 4-Bromophenyl-phenylether	16.039	248	4615	0.394	ng		97
22) Hexachlorobenzene	16.138	284	5329	0.406	ng		93
23) Atrazine	16.324	200	3692	0.381	ng		99
24) Pentachlorophenol	16.486	266	1679	0.387	ng		99
25) Phenanthrene	16.870	178	24282	0.406	ng		100
26) Anthracene	16.957	178	19357	0.397	ng		99
28) Fluoranthene	18.904	202	27212	0.393	ng		99
30) Pyrene	19.271	202	27871	0.454	ng		100
32) Benzo(a)anthracene	21.035	228	18386	0.400	ng		99
33) Chrysene	21.089	228	23262	0.424	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	3057	0.160	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.259	276	18885	0.356	ng		99
37) Benzo(b)fluoranthene	22.549	252	20523	0.423	ng		99
38) Benzo(k)fluoranthene	22.590	252	22431	0.440	ng		98
39) Benzo(a)pyrene	23.081	252	16060	0.406	ng		99
40) Dibenzo(a,h)anthracene	25.273	278	14427	0.350	ng		97
41) Benzo(g,h,i)perylene	25.887	276	16050	0.346	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
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Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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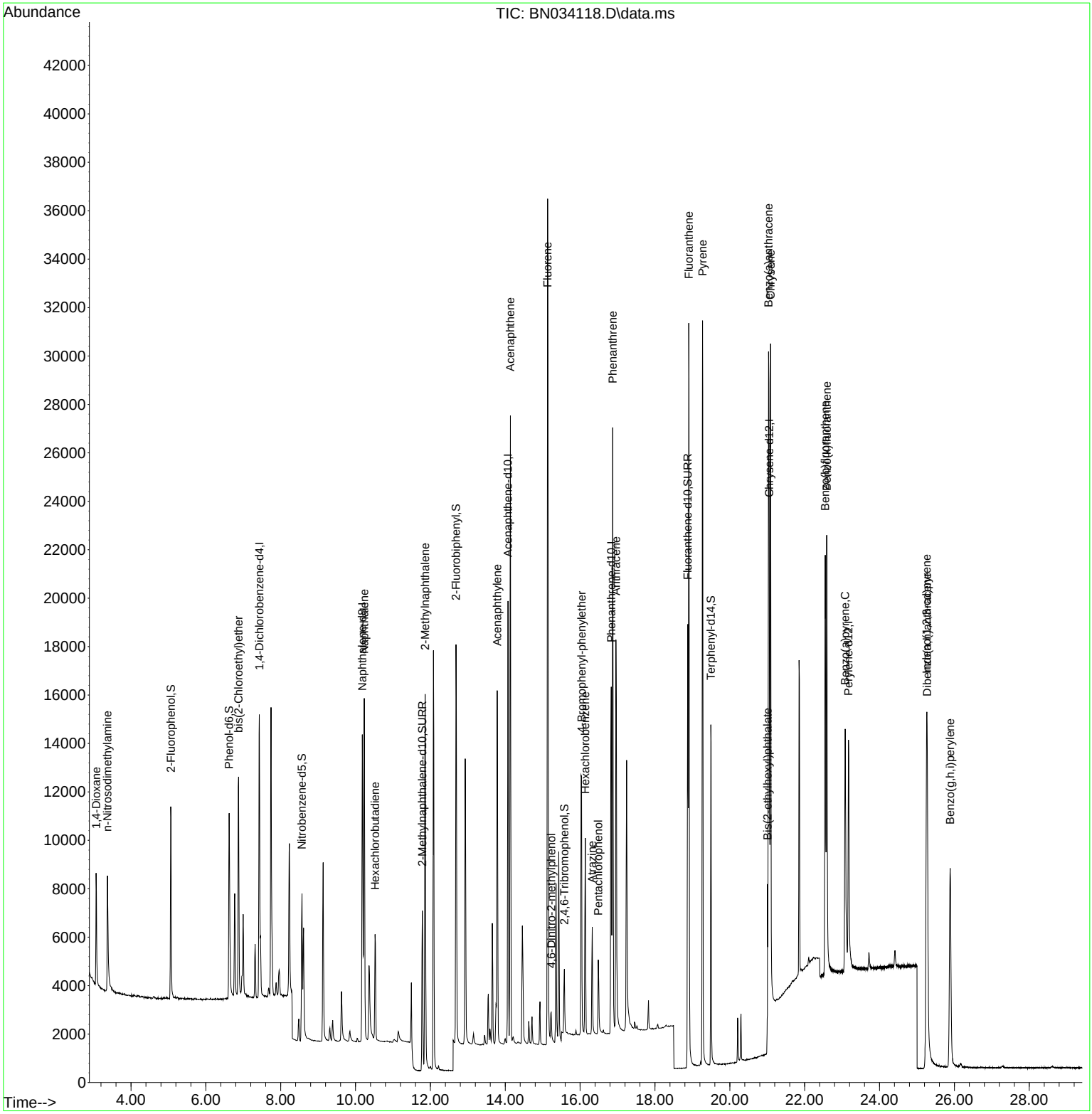
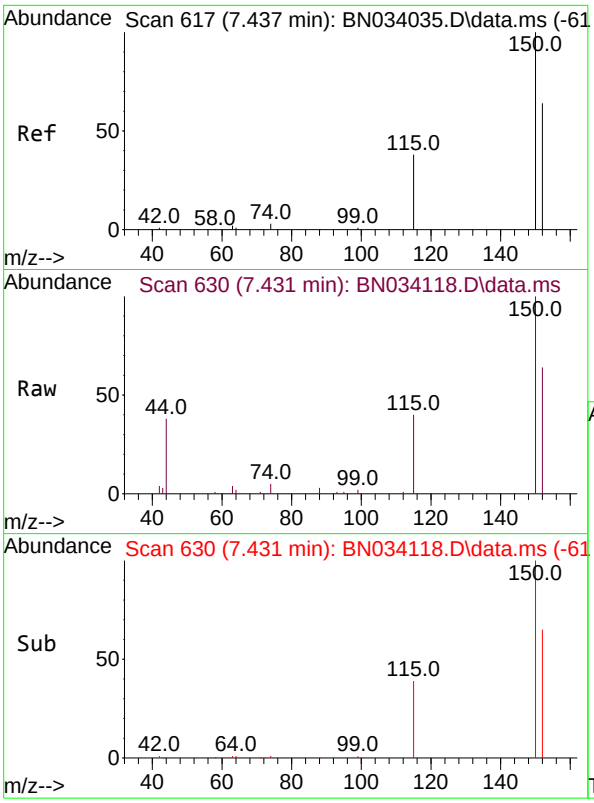
Quant Time: Sep 22 23:57:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration



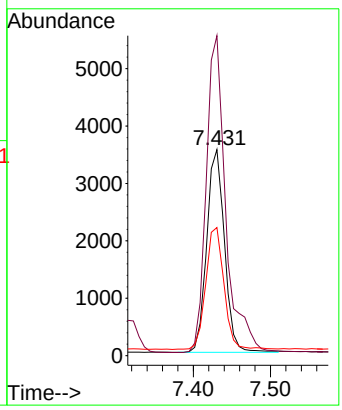


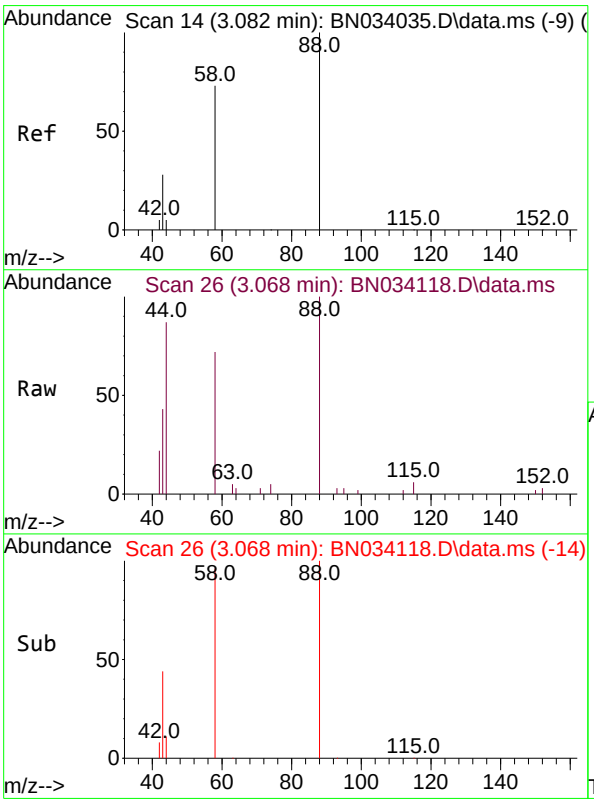
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5641

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	187.0
115	62.2	50.0	75.0

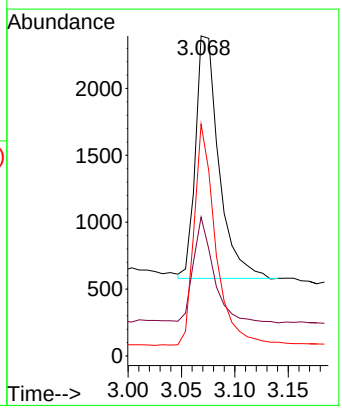


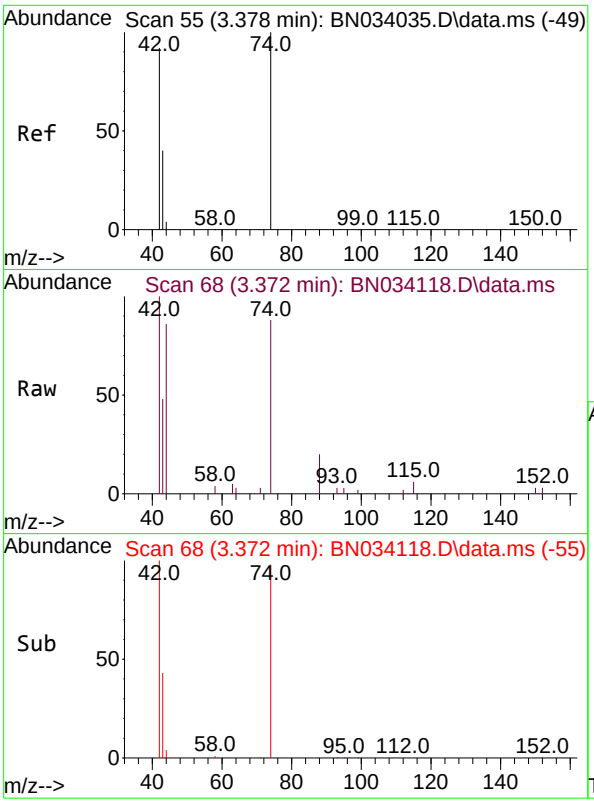


#2
1,4-Dioxane
Concen: 0.392 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion: 88 Resp: 2768

Ion	Ratio	Lower	Upper
88	100		
43	38.3	25.8	38.8
58	84.2	58.8	88.2



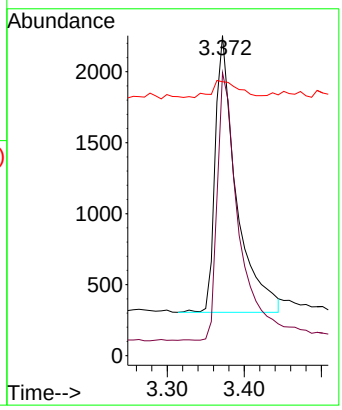


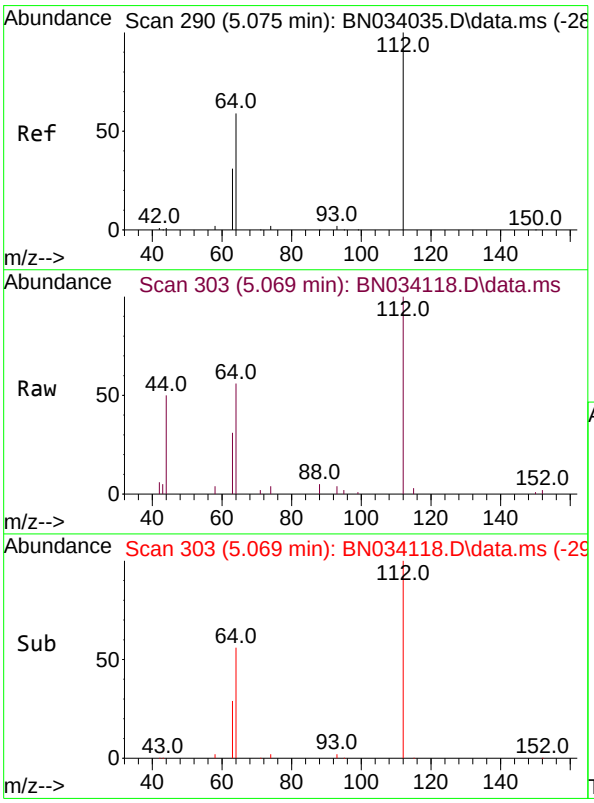
#3
n-Nitrosodimethylamine
Concen: 0.460 ng
RT: 3.372 min Scan# 6
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3691

Ion	Ratio	Lower	Upper
42	100		
74	98.9	94.6	142.0
44	7.8	12.4	18.6#

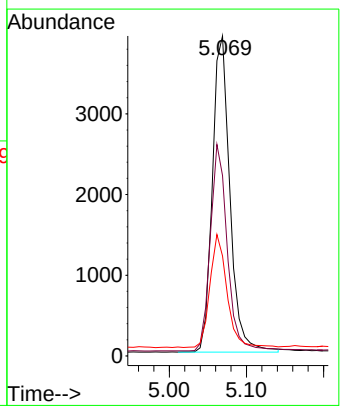


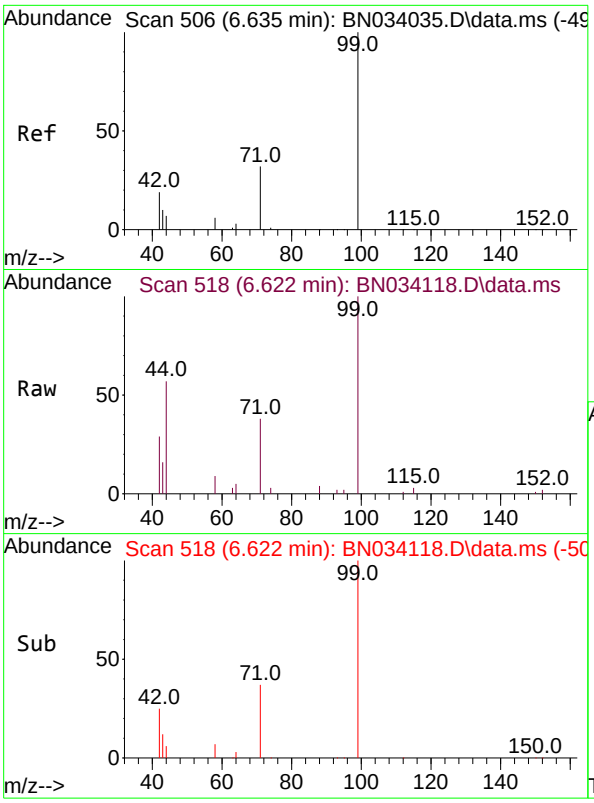


#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:112 Resp: 6171

Ion	Ratio	Lower	Upper
112	100		
64	63.3	48.6	72.8
63	34.7	25.6	38.4



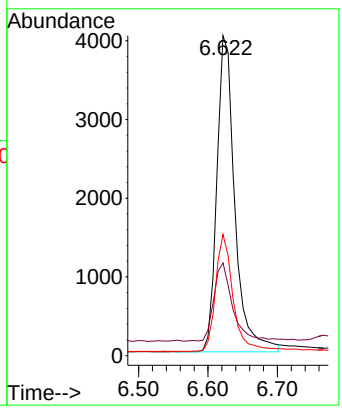


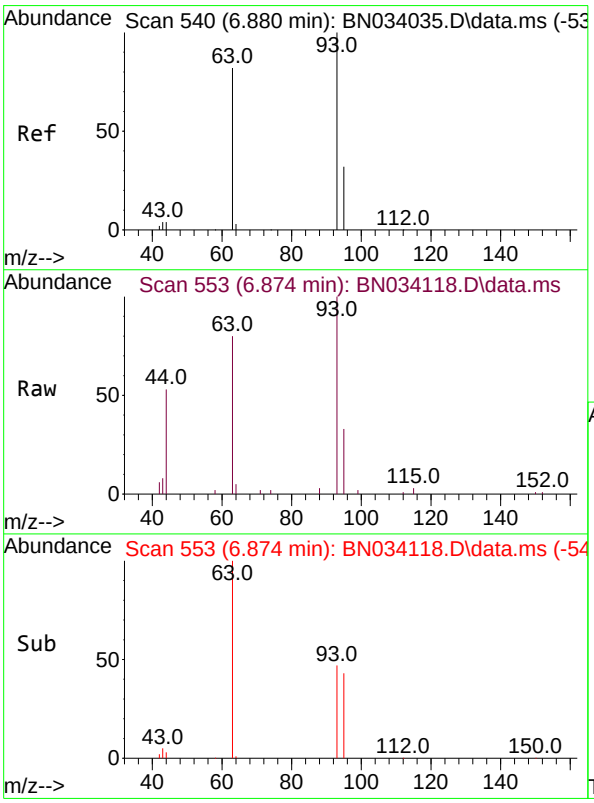
#5
Phenol-d6
Concen: 0.389 ng
RT: 6.622 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7250

Ion	Ratio	Lower	Upper
99	100		
42	25.4	17.8	26.8
71	36.0	26.2	39.2

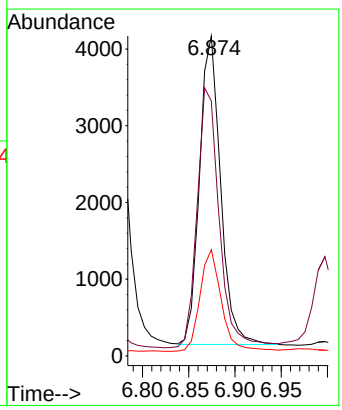


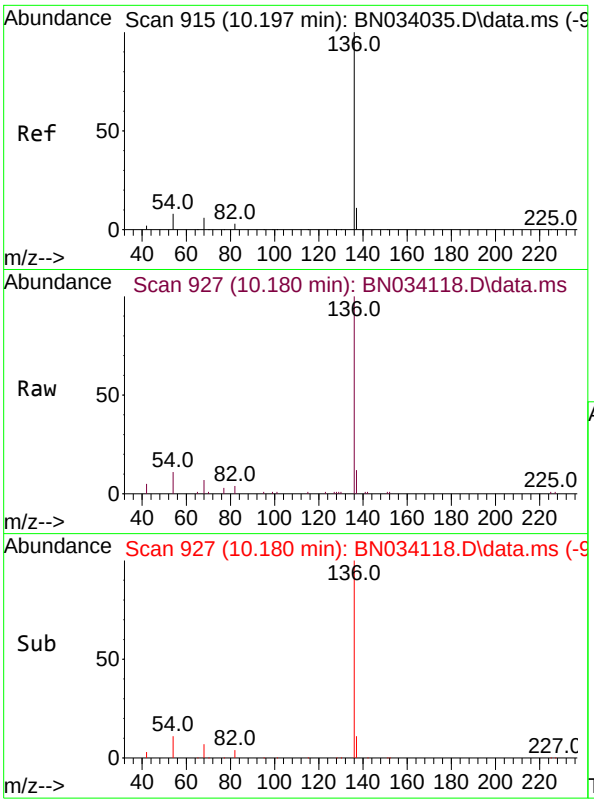


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 6.874 min Scan# 553
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion: 93 Resp: 6354

Ion	Ratio	Lower	Upper
93	100		
63	89.2	67.3	100.9
95	33.5	26.8	40.2



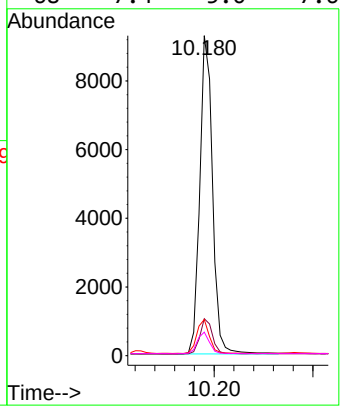


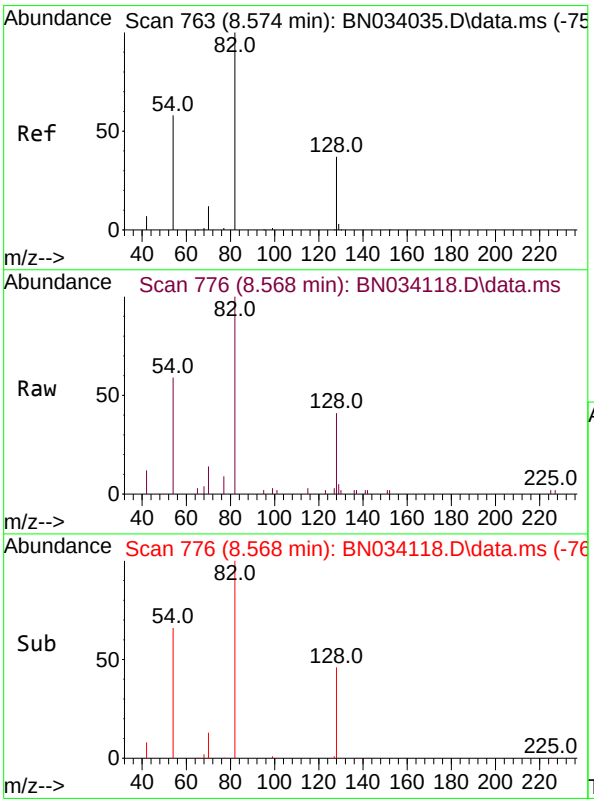
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 9
Delta R.T. -0.017 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 16594

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.3	6.8	10.2#
68	7.4	5.0	7.6

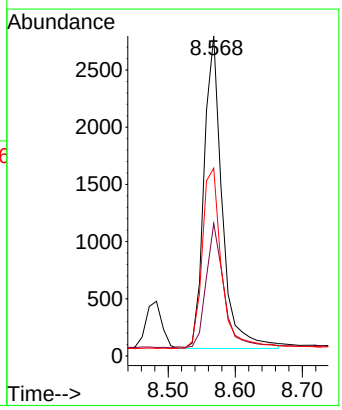


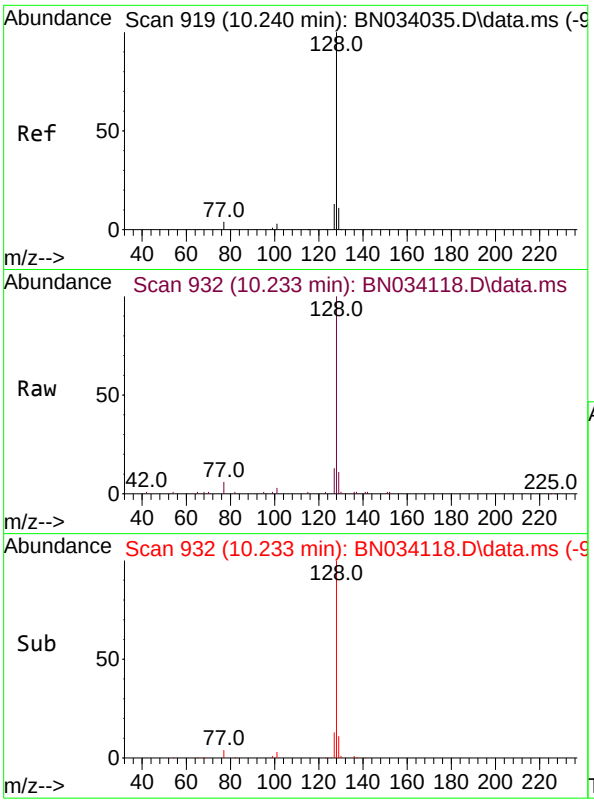


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion: 82 Resp: 5125

Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.4	47.2
54	58.7	47.4	71.0



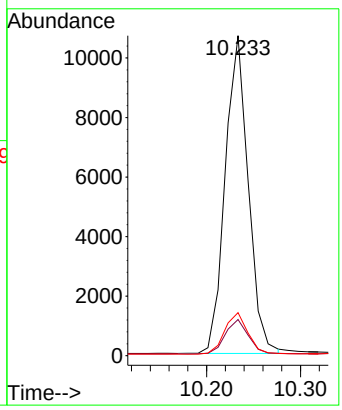


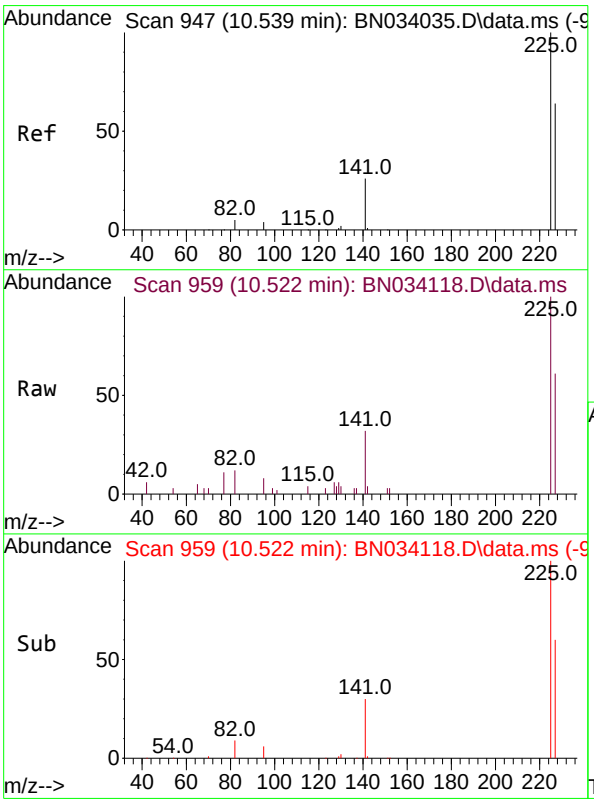
#9
Naphthalene
Concen: 0.400 ng
RT: 10.233 min Scan# 9
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18201

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.5	10.7	16.1

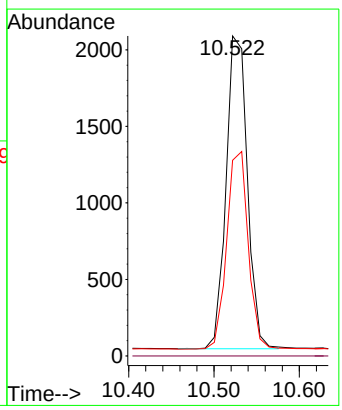


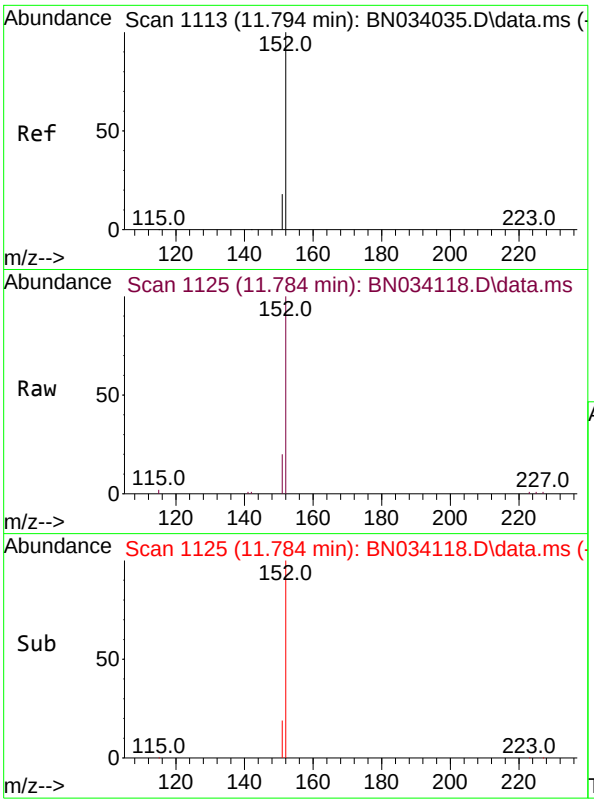


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.522 min Scan# 959
Delta R.T. -0.017 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:225 Resp: 3544

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



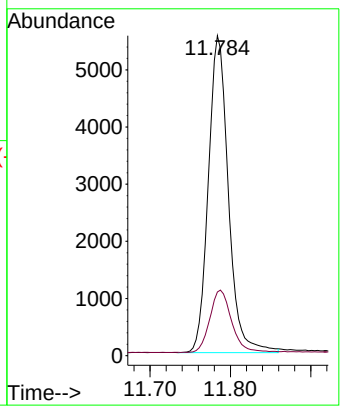


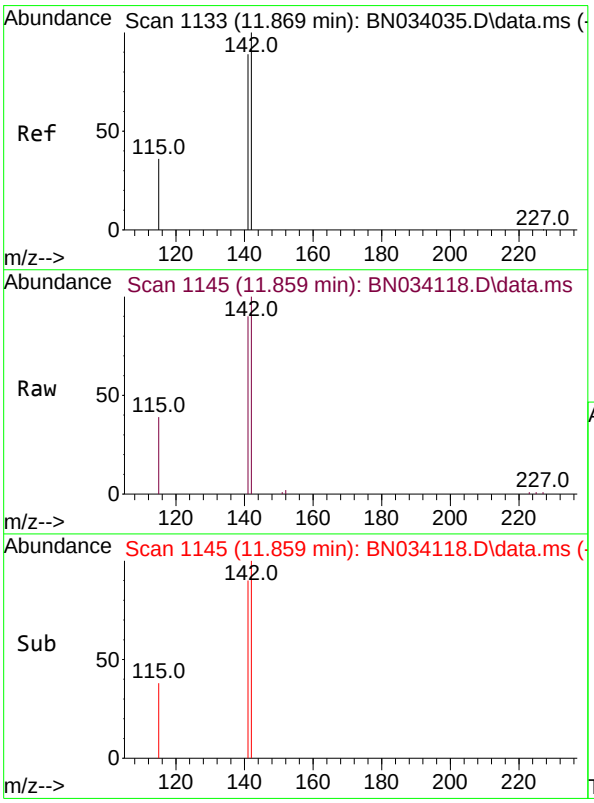
#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.784 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9591

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2

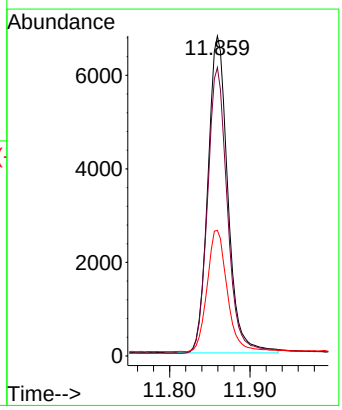


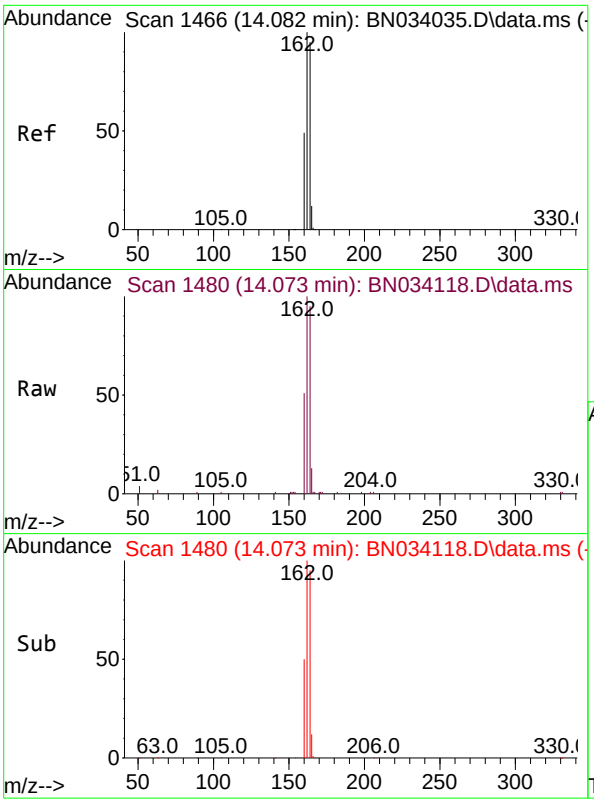


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 11.859 min Scan# 1145
Delta R.T. -0.010 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:142 Resp: 11687

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.6	107.4
115	39.3	30.0	45.0



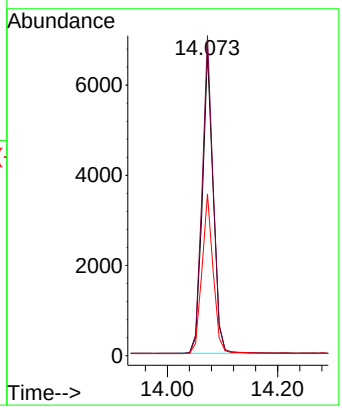


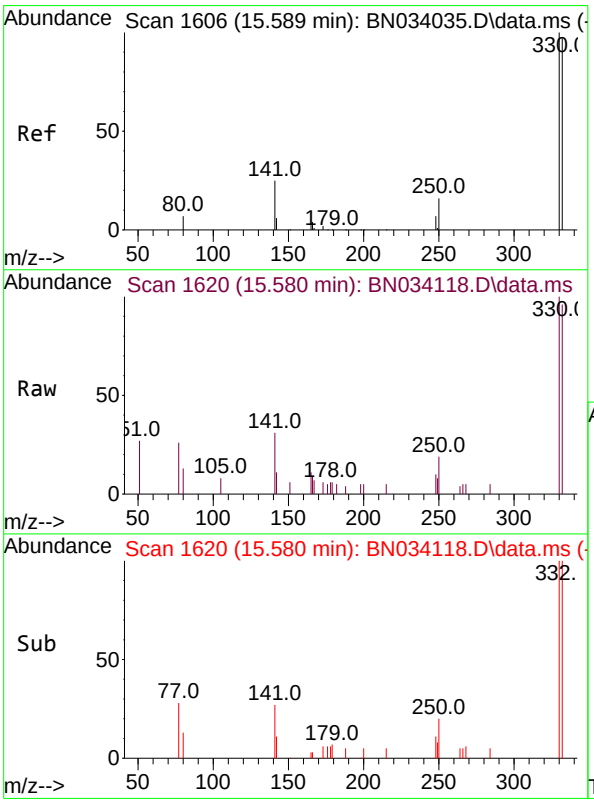
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.073 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9245

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.2	126.2
160	53.3	41.7	62.5

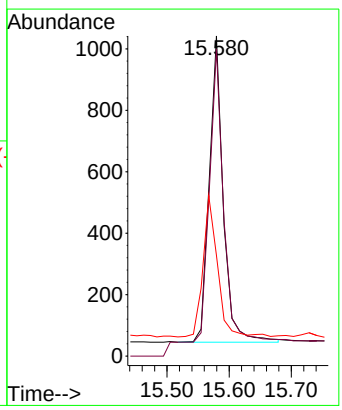


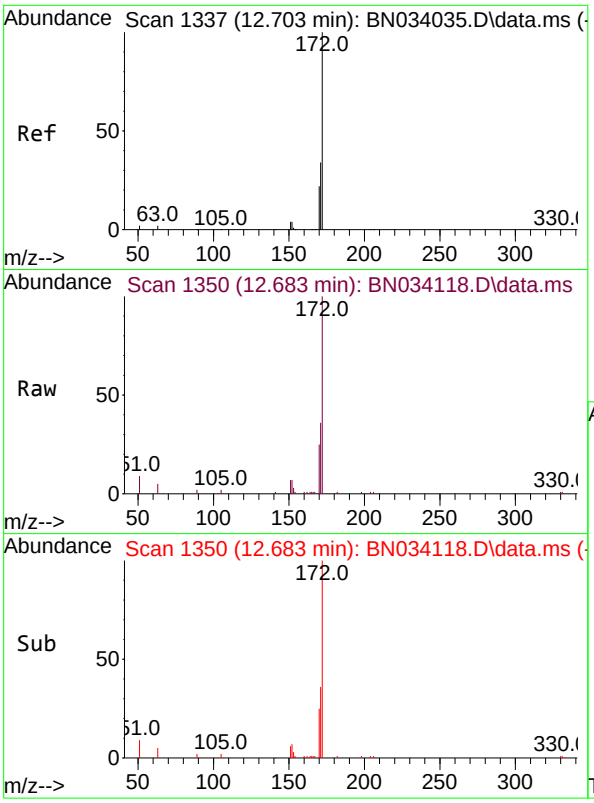


#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.580 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:330 Resp: 1565

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	47.9	35.9	53.9



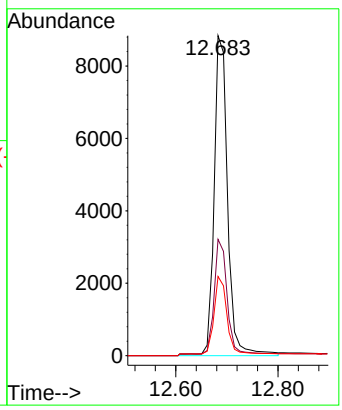


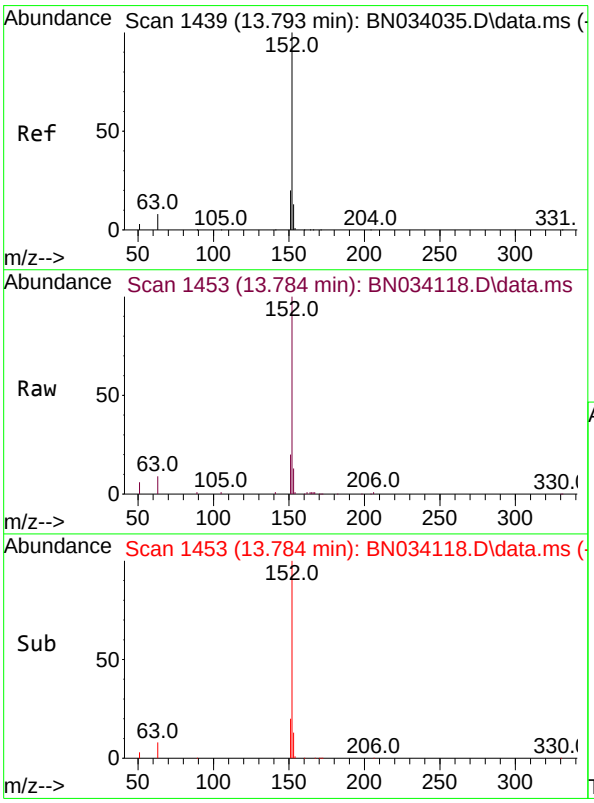
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.683 min Scan# 1
Delta R.T. -0.020 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15635

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.3	40.9
170	24.8	18.1	27.1

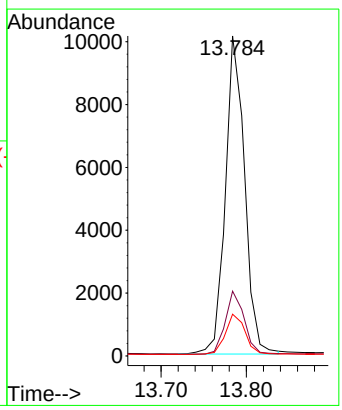


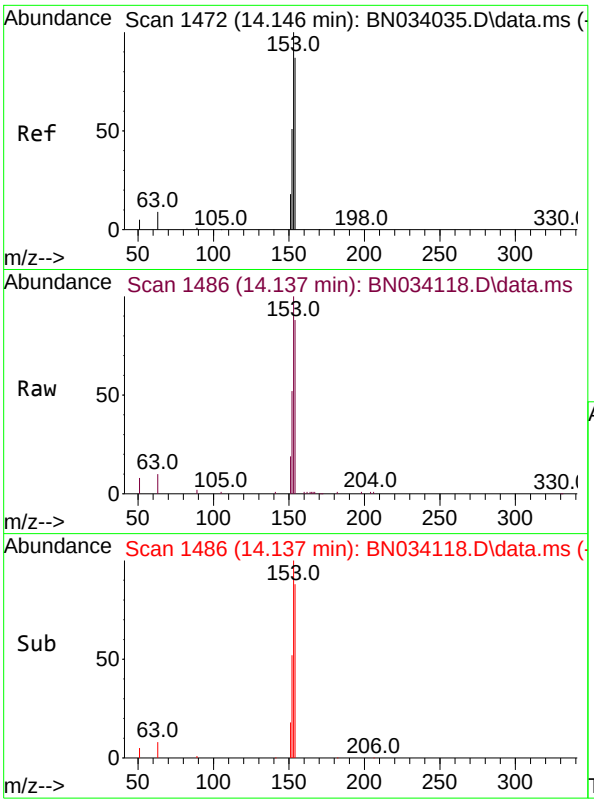


#16
Acenaphthylene
Concen: 0.401 ng
RT: 13.784 min Scan# 1453
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:152 Resp: 15863

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.9	10.3	15.5



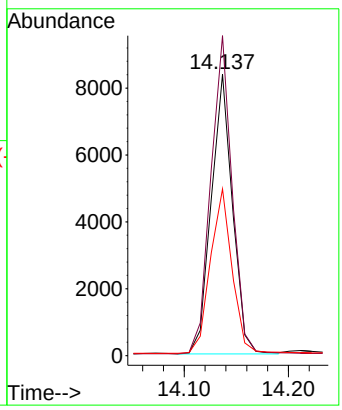


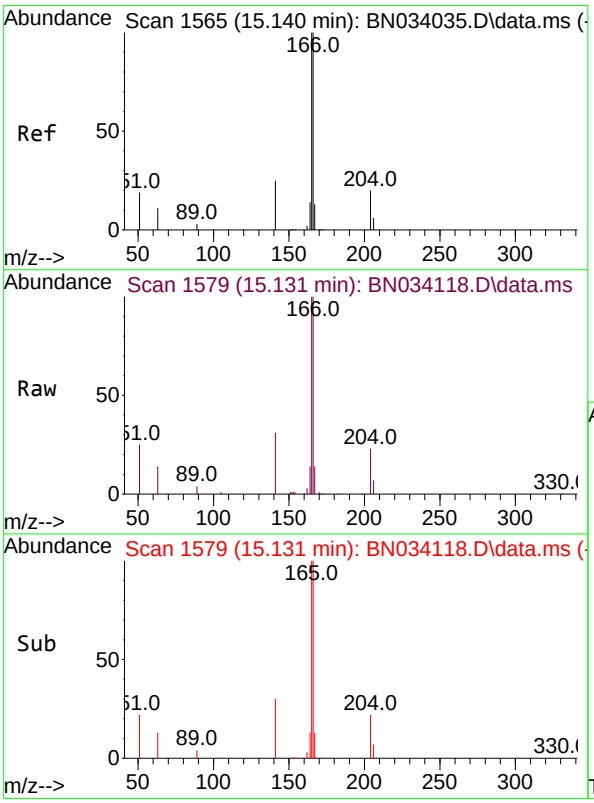
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.137 min Scan# 14
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11844

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.6	137.4
152	60.1	47.4	71.2

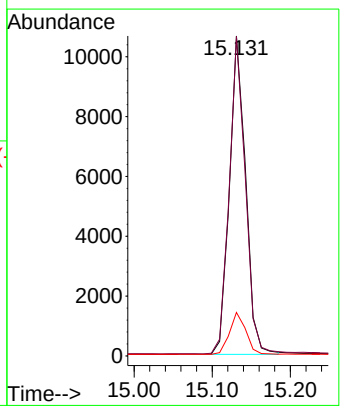


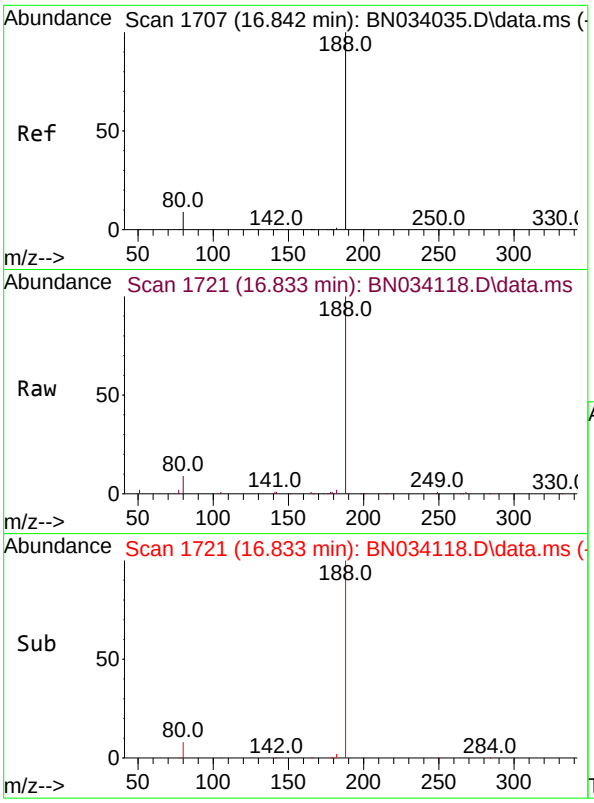


#18
Fluorene
Concen: 0.412 ng
RT: 15.131 min Scan# 1579
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:166 Resp: 15356

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.1	118.7
167	13.3	10.6	15.8



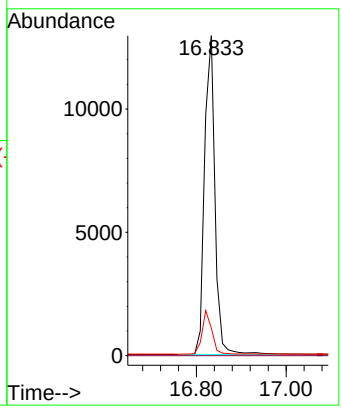


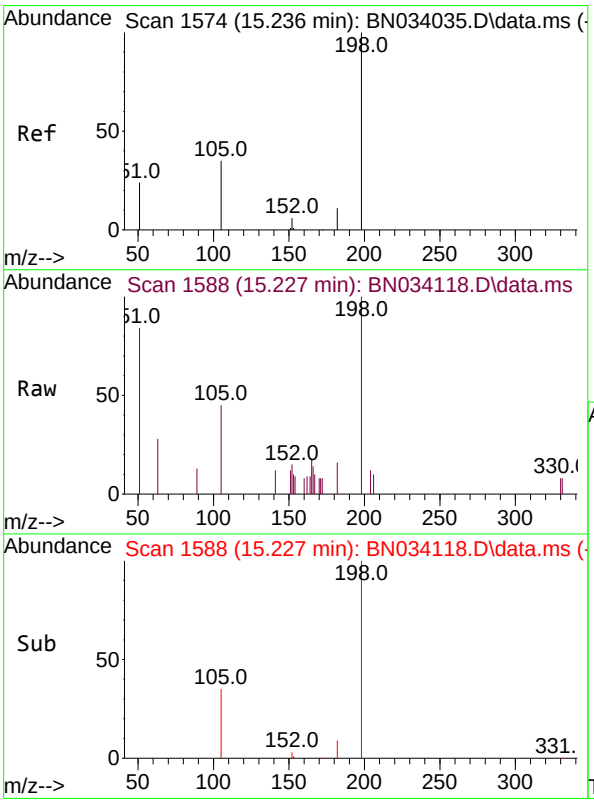
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20813

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	7.4	11.0

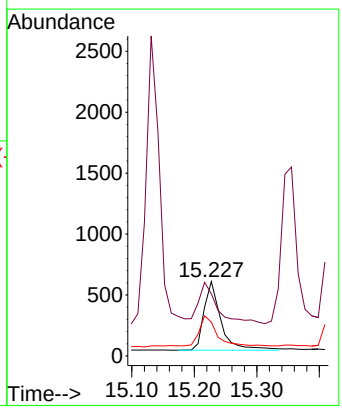


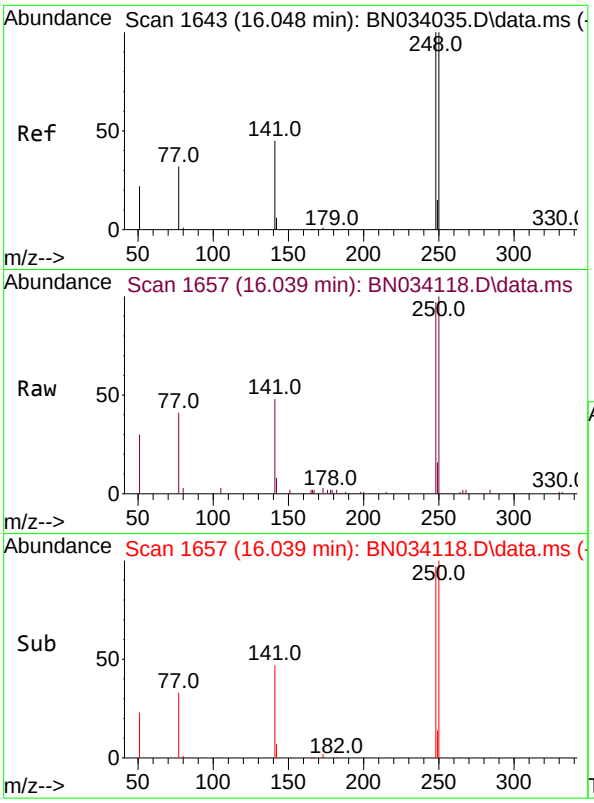


#20
4,6-Dinitro-2-methylphenol
Concen: 0.414 ng
RT: 15.227 min Scan# 1588
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:198 Resp: 1066

Ion	Ratio	Lower	Upper
198	100		
51	83.6	106.4	159.6#
105	45.5	38.5	57.7



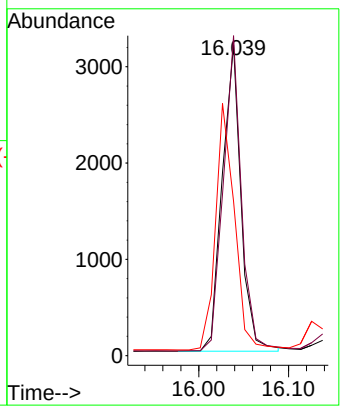


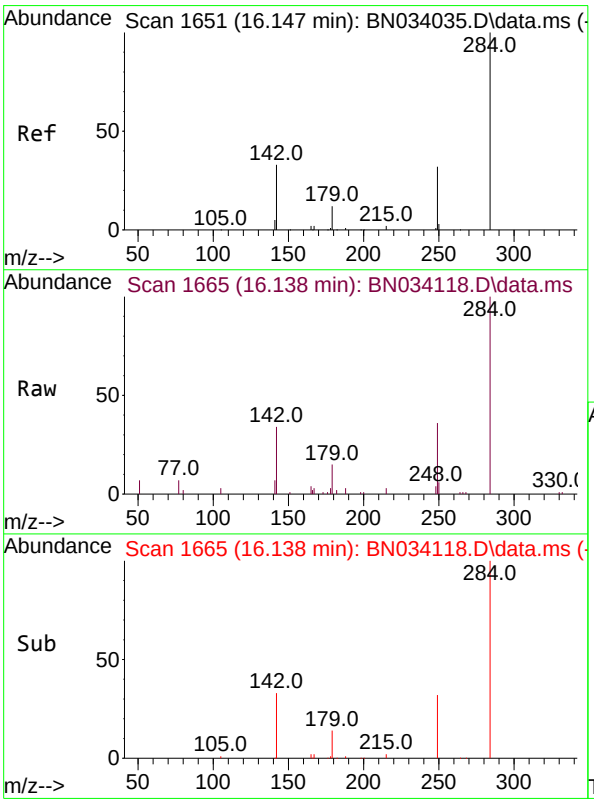
#21
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.039 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4615

Ion	Ratio	Lower	Upper
248	100		
250	103.0	80.5	120.7
141	49.7	37.1	55.7

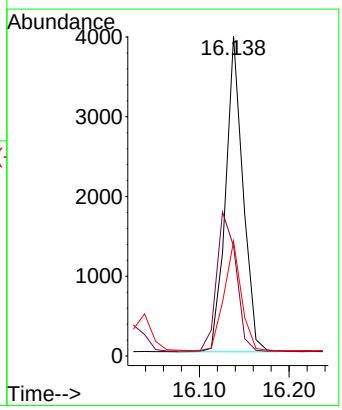


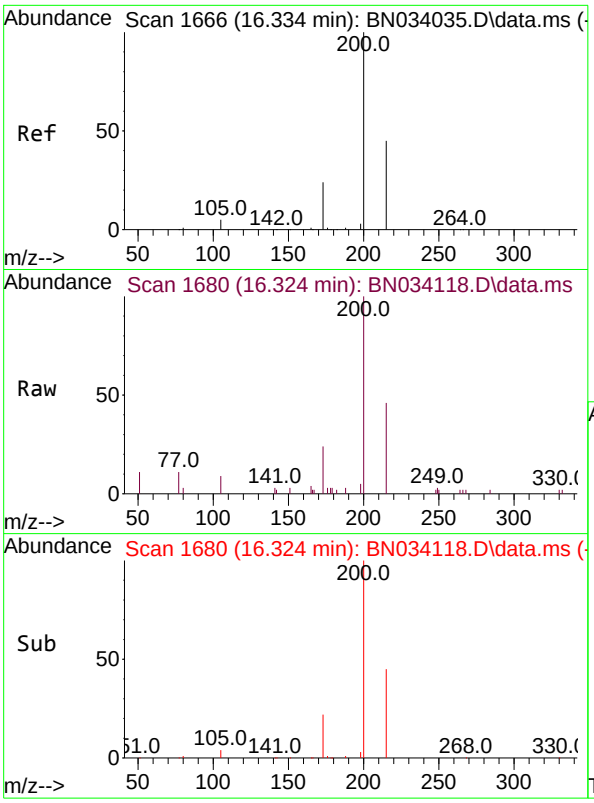


#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.138 min Scan# 1665
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:284 Resp: 5329

Ion	Ratio	Lower	Upper
284	100		
142	49.0	34.5	51.7
249	34.6	25.8	38.6



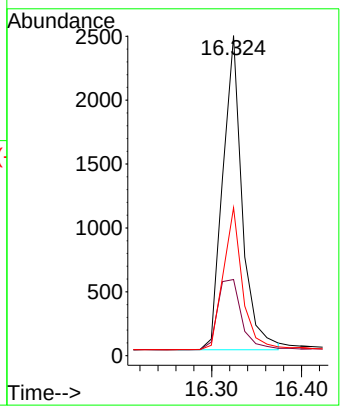


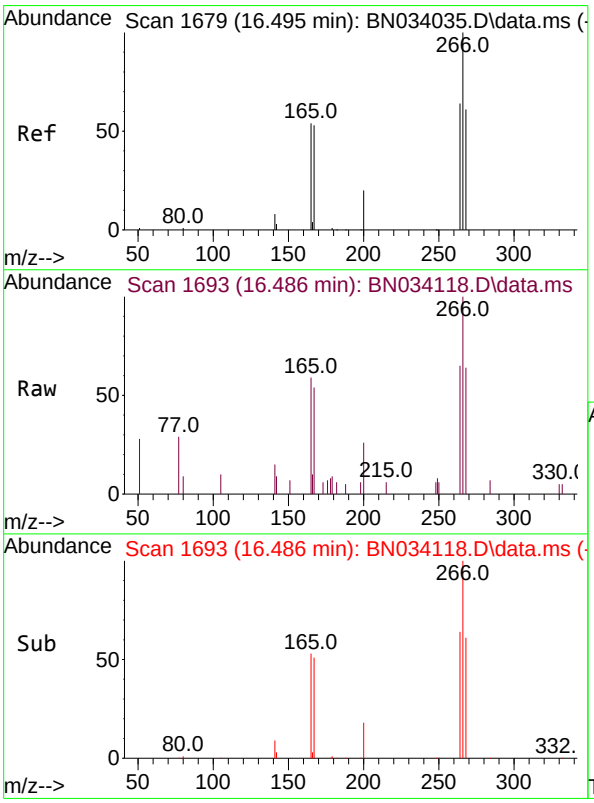
#23
Atrazine
Concen: 0.381 ng
RT: 16.324 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3692

Ion	Ratio	Lower	Upper
200	100		
173	23.8	20.1	30.1
215	46.3	37.0	55.6

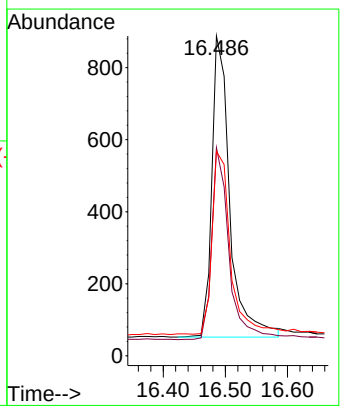


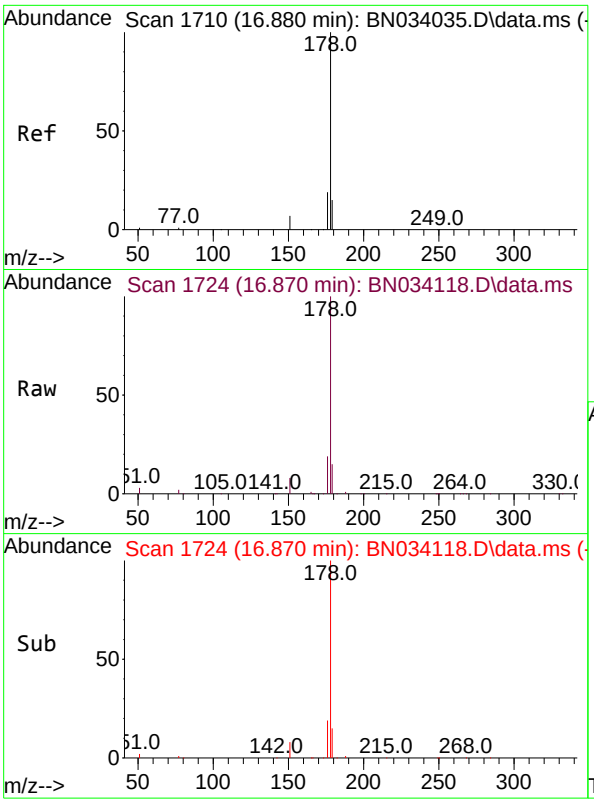


#24
Pentachlorophenol
Concen: 0.387 ng
RT: 16.486 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:266 Resp: 1679

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.2	75.2
268	63.1	51.0	76.4



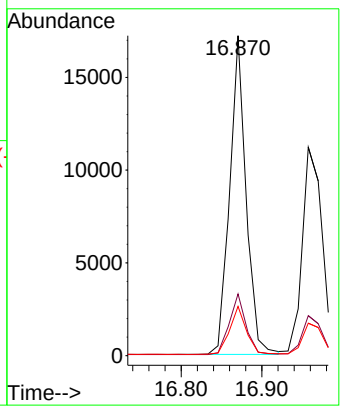


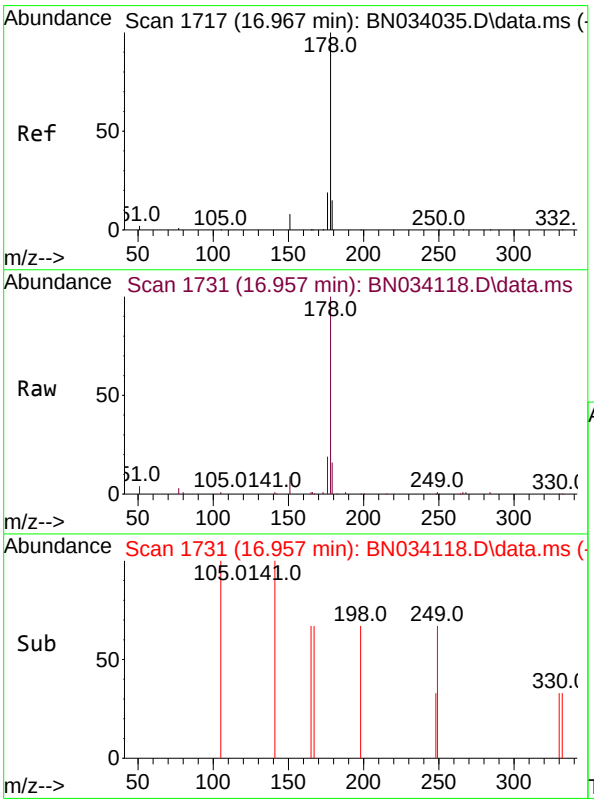
#25
Phenanthrene
Concen: 0.406 ng
RT: 16.870 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 24282

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.1	18.1

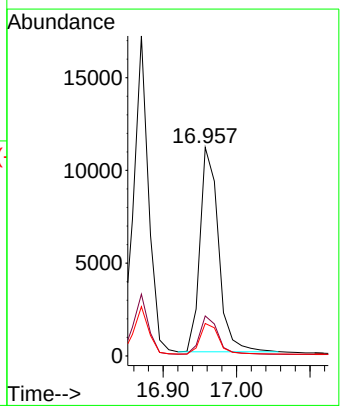


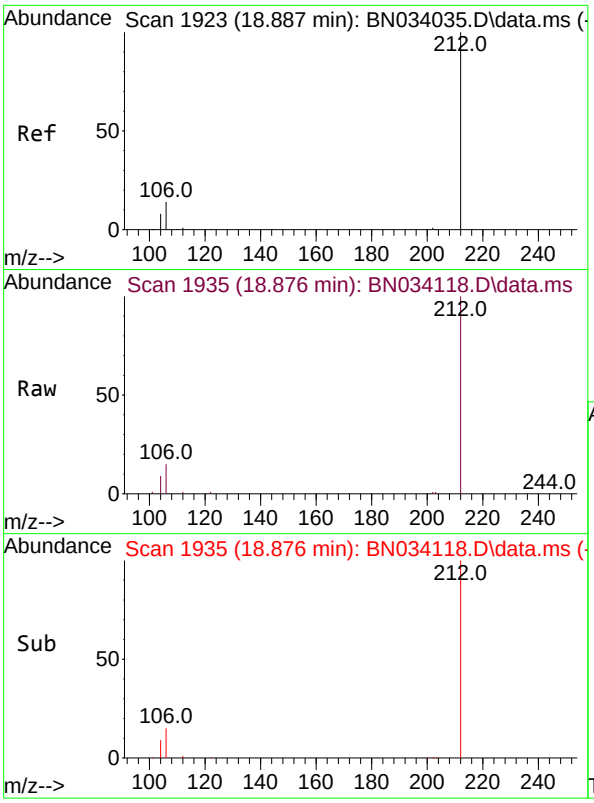


#26
Anthracene
Concen: 0.397 ng
RT: 16.957 min Scan# 1731
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:178 Resp: 19357

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.0	12.2	18.4



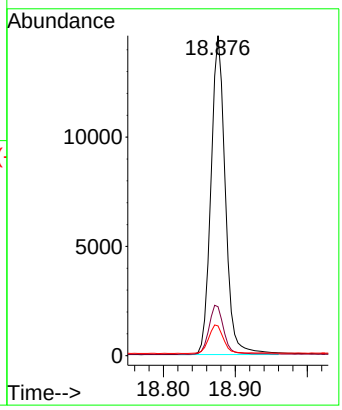


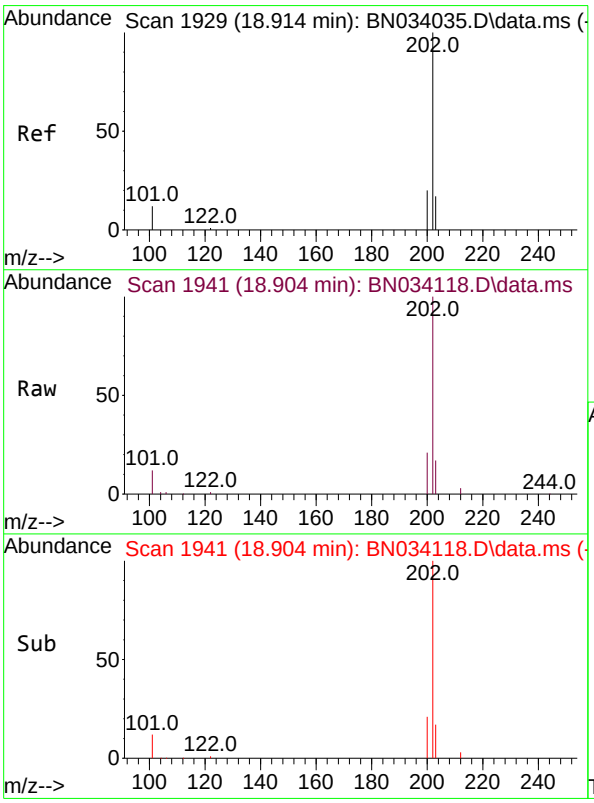
#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.876 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 20233

Ion	Ratio	Lower	Upper
212	100		
106	15.9	13.4	20.2
104	9.1	7.8	11.6

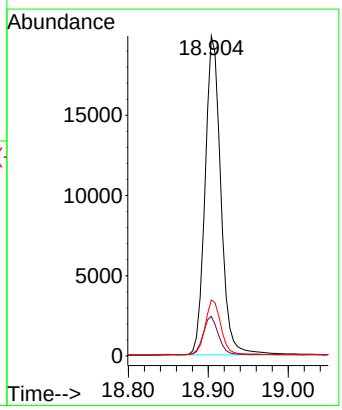


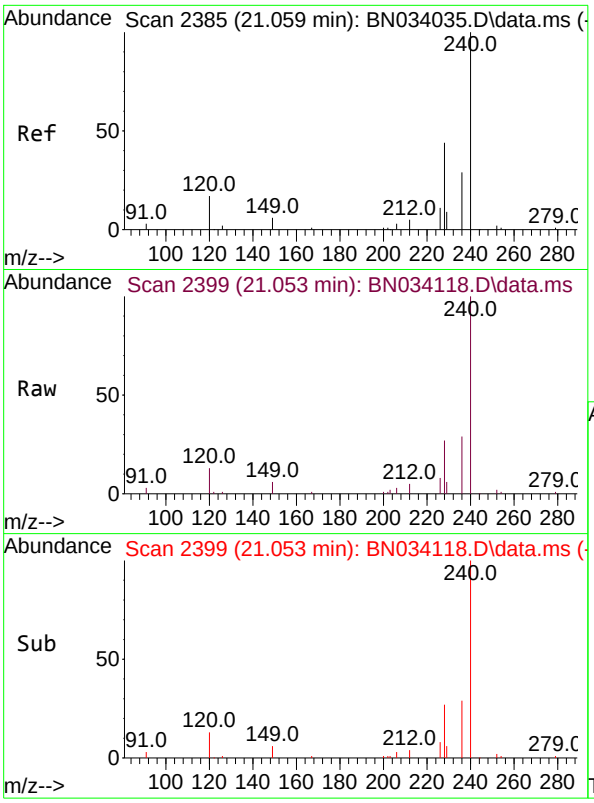


#28
Fluoranthene
Concen: 0.393 ng
RT: 18.904 min Scan# 1941
Delta R.T. -0.011 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:202 Resp: 27212

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.1	15.1
203	17.2	13.6	20.4



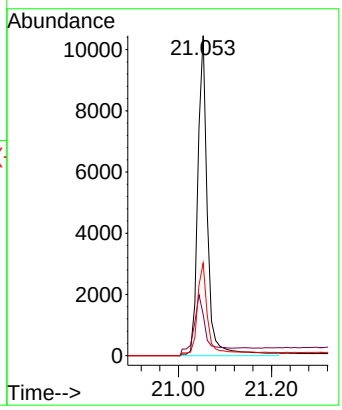


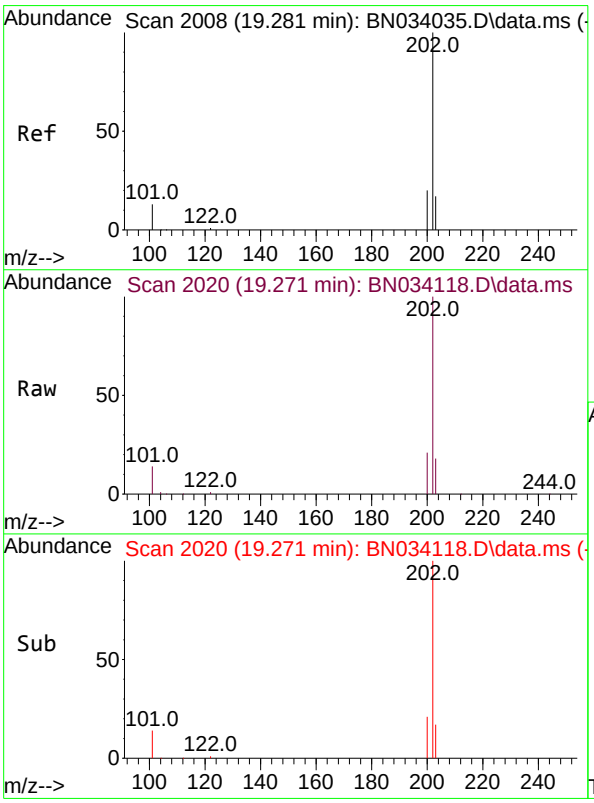
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 14539

Ion	Ratio	Lower	Upper
240	100		
120	12.9	13.5	20.3#
236	29.0	23.4	35.0

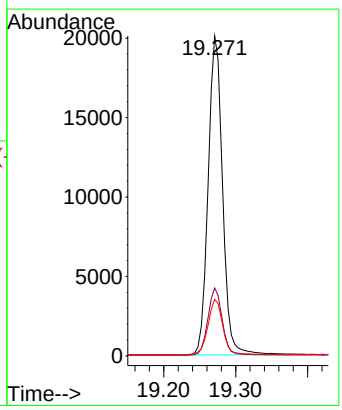


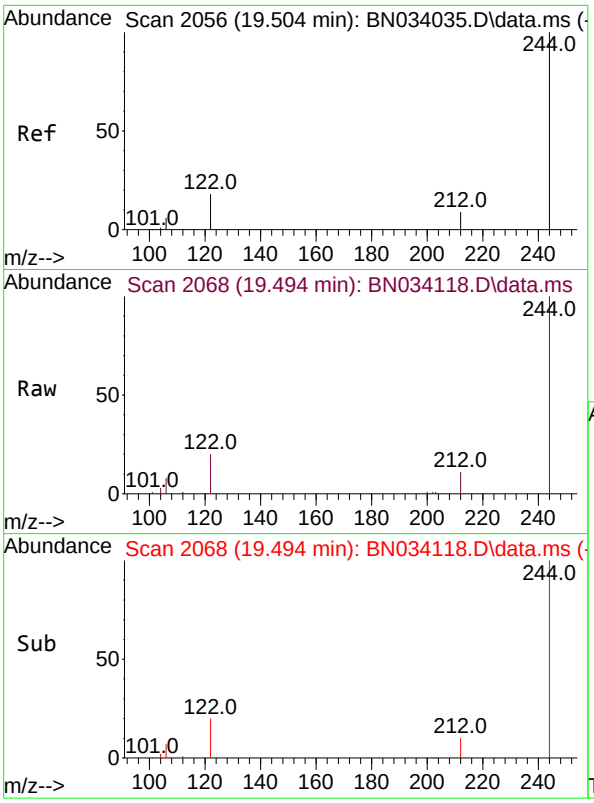


#30
Pyrene
Concen: 0.454 ng
RT: 19.271 min Scan# 2020
Delta R.T. -0.011 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:202 Resp: 27871

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.9	14.3	21.5



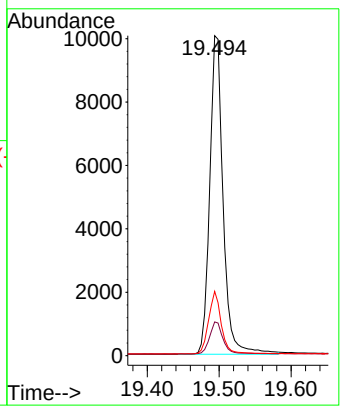


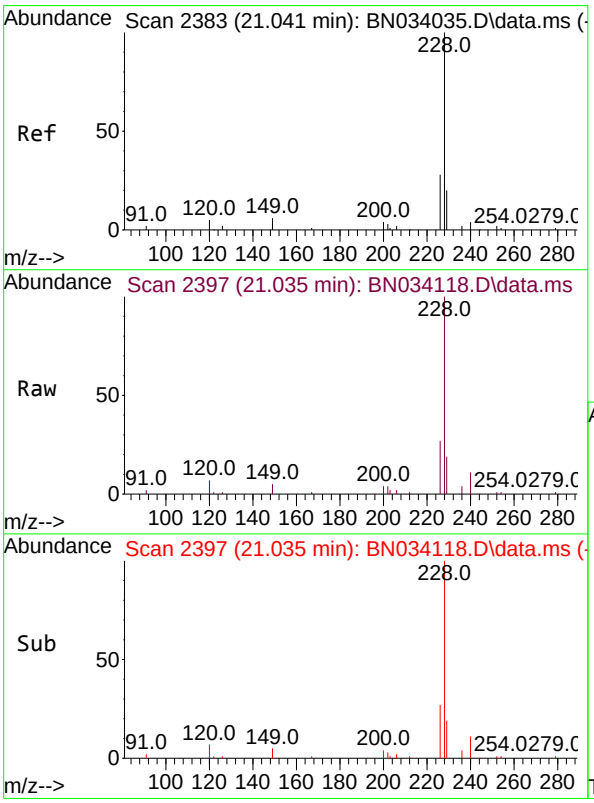
#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.494 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12944

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.8	11.6
122	20.1	14.8	22.2

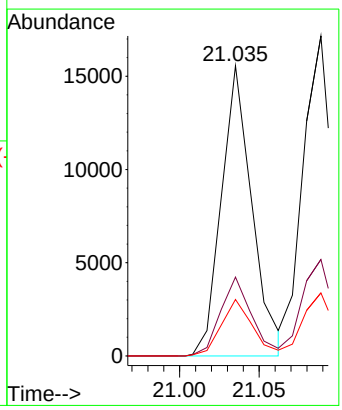


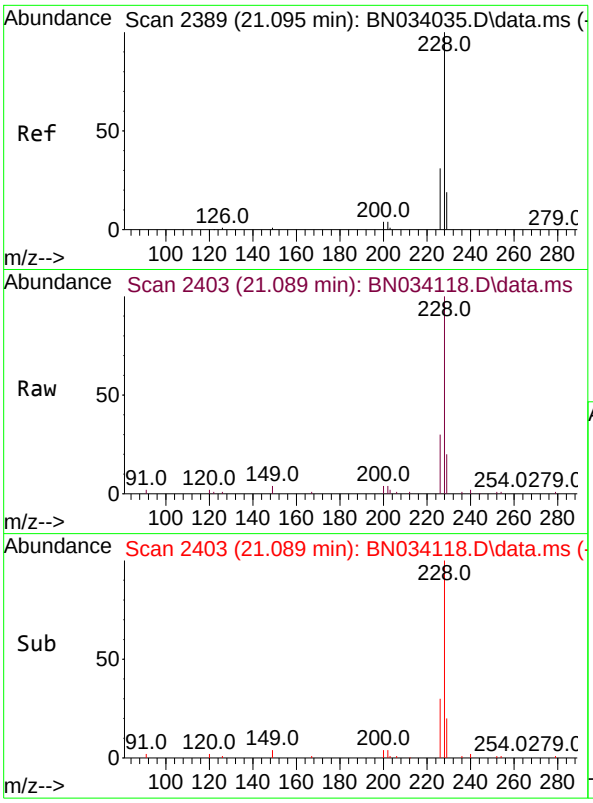


#32
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.035 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:228 Resp: 18386

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.4	15.7	23.5



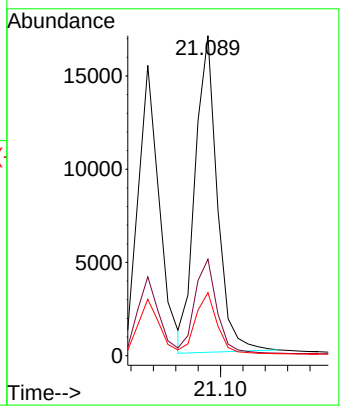


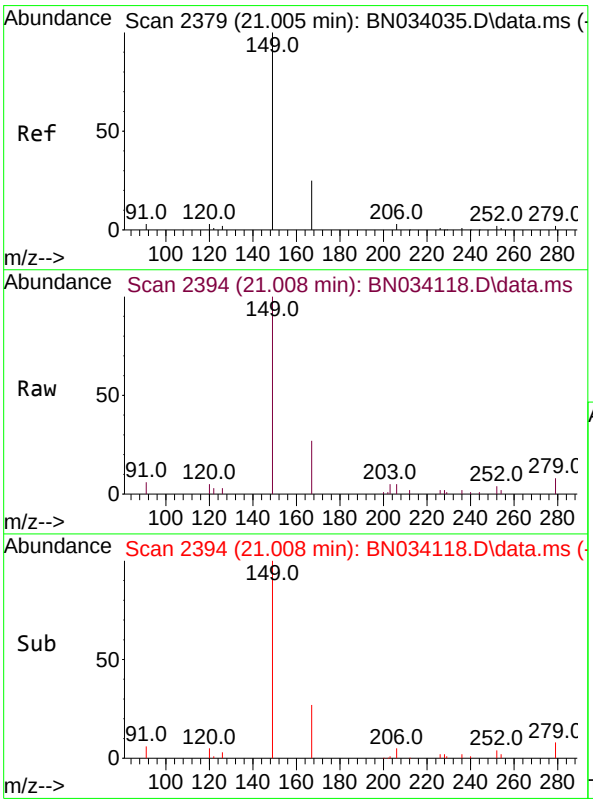
#33
Chrysene
Concen: 0.424 ng
RT: 21.089 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23262

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	19.7	15.5	23.3

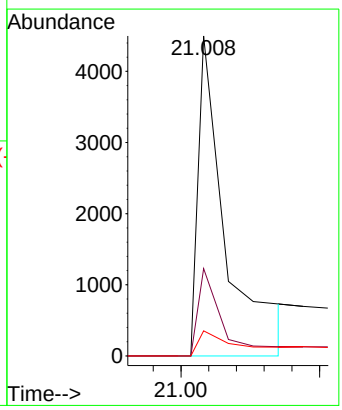


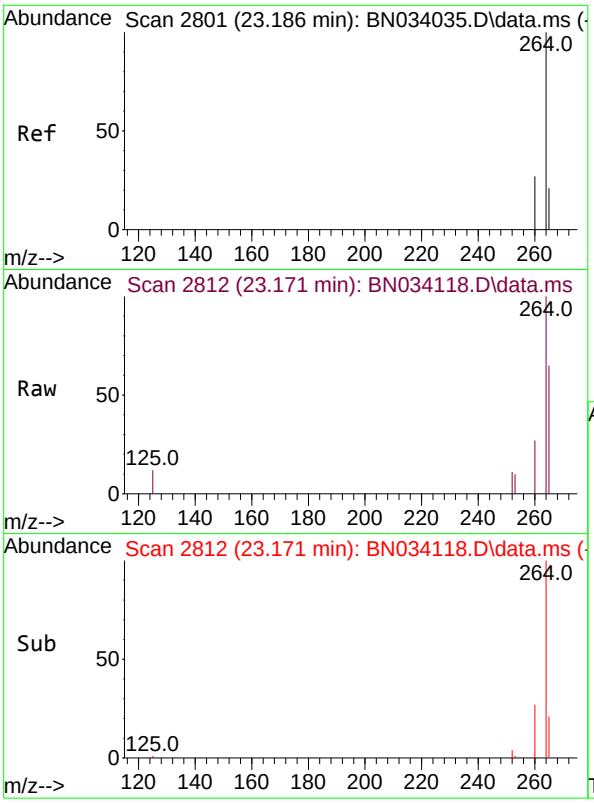


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.160 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.003 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:149 Resp: 3057

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.9	29.9
279	11.1	4.6	6.8#



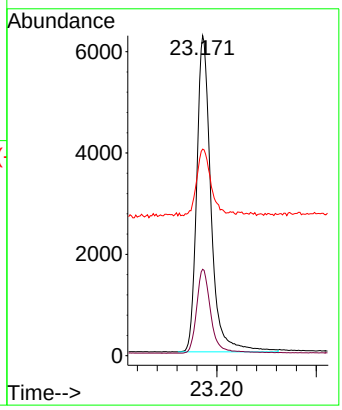


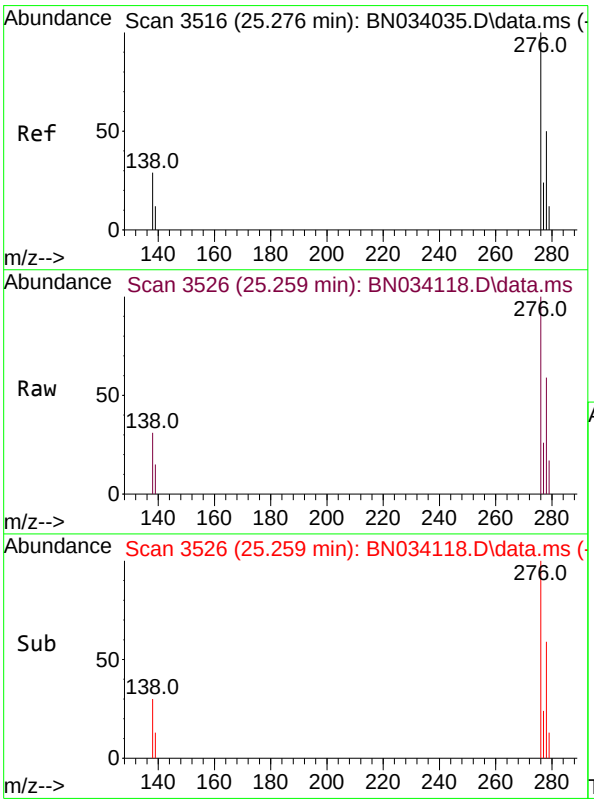
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.171 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 12395

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	64.6	52.1	78.1

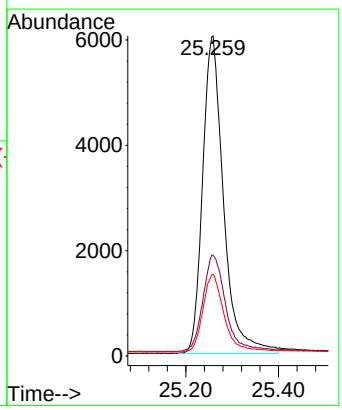


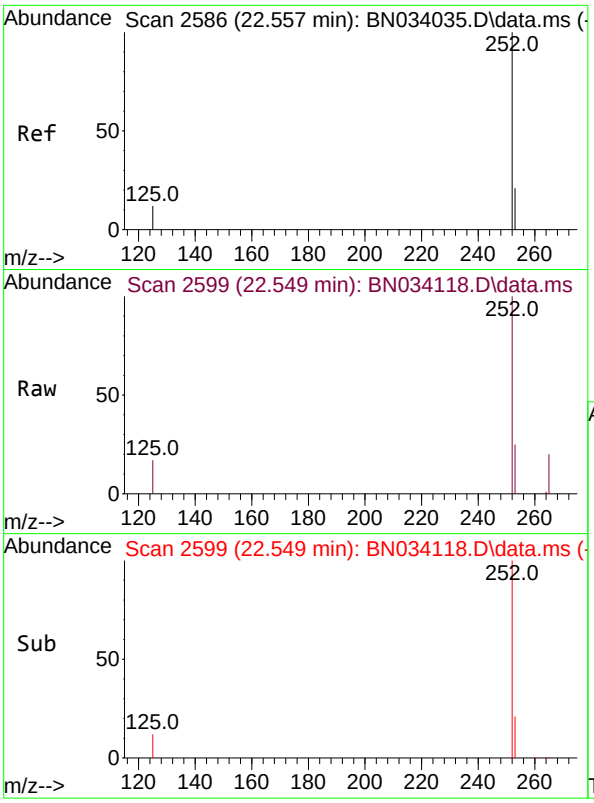


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng
RT: 25.259 min Scan# 3526
Delta R.T. -0.017 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:276 Resp: 18885

Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.9	38.9
277	24.8	19.7	29.5



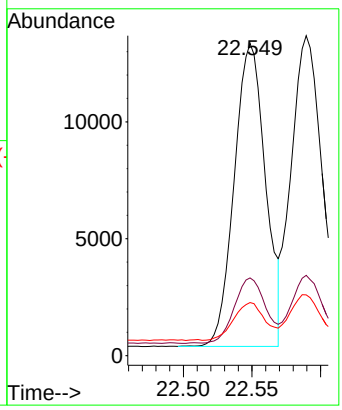


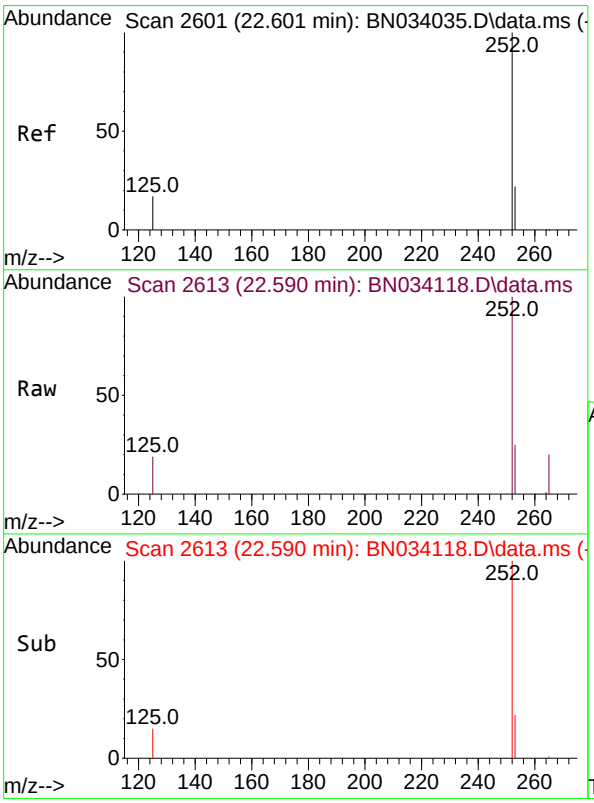
#37
Benzo(b)fluoranthene
Concen: 0.423 ng
RT: 22.549 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 20523

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.6	29.4
125	17.0	13.8	20.8

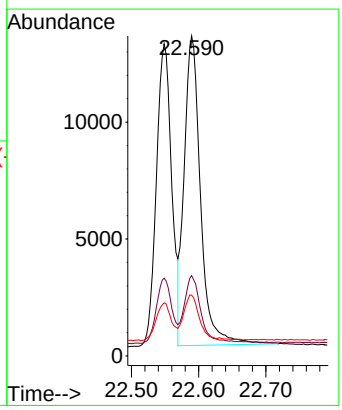


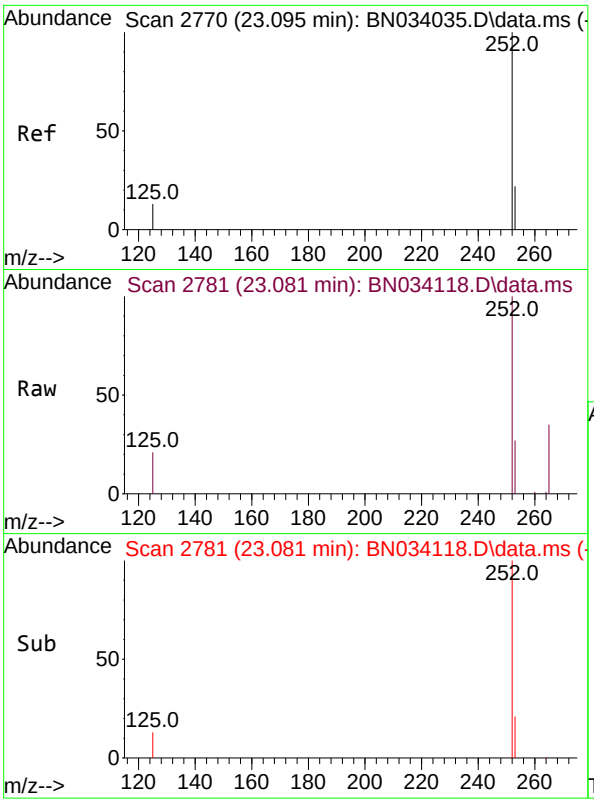


#38
Benzo(k)fluoranthene
Concen: 0.440 ng
RT: 22.590 min Scan# 2613
Delta R.T. -0.012 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:252 Resp: 22431

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	19.0	16.8	25.2



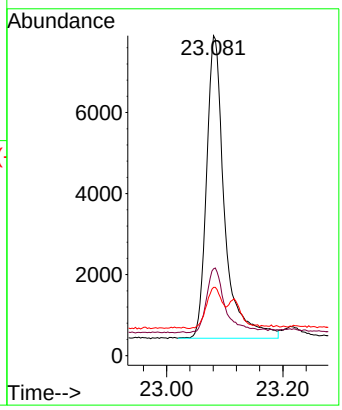


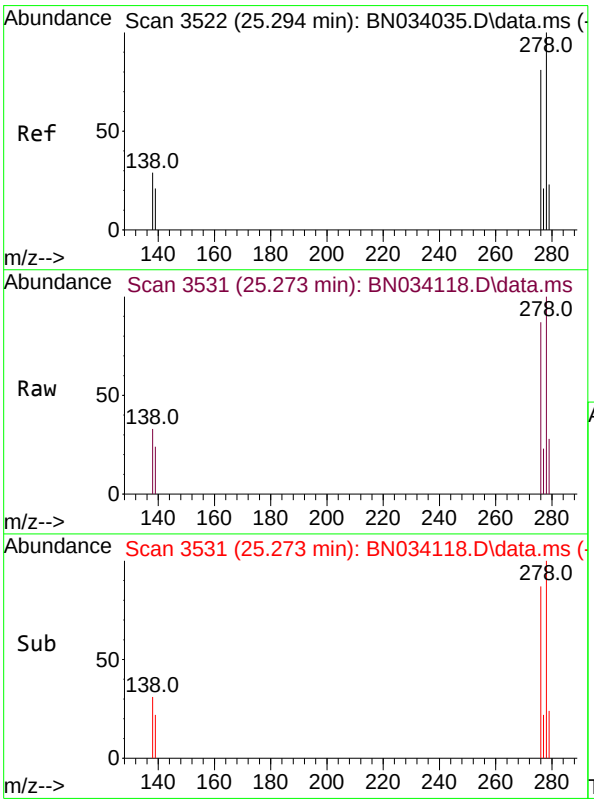
#39
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.081 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 16060

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.8	32.8
125	21.3	17.5	26.3

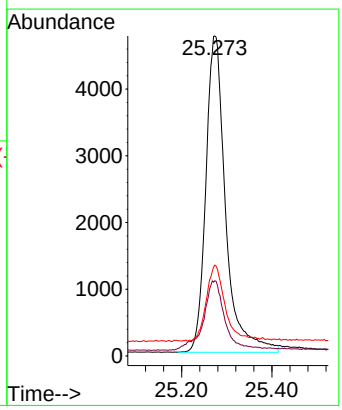


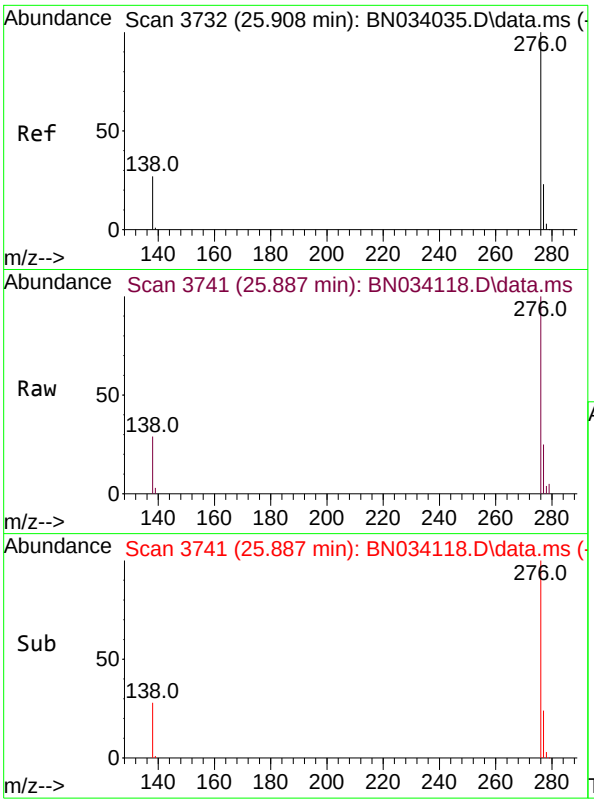


#40
Dibenzo(a,h)anthracene
Concen: 0.350 ng
RT: 25.273 min Scan# 3531
Delta R.T. -0.020 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Tgt Ion:278 Resp: 14427

Ion	Ratio	Lower	Upper
278	100		
139	23.5	17.8	26.8
279	28.4	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 0.346 ng
RT: 25.887 min Scan# 3
Delta R.T. -0.020 min
Lab File: BN034118.D
Acq: 21 Sep 2024 11:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 16050

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.3	28.9
138	29.0	22.6	34.0