Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
Data File : BN033839.D
Acq On : 10 Sep 2024 12:29
Operator : MA/JU
Sample : PB163188BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Quant Time: Sep 10 13:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

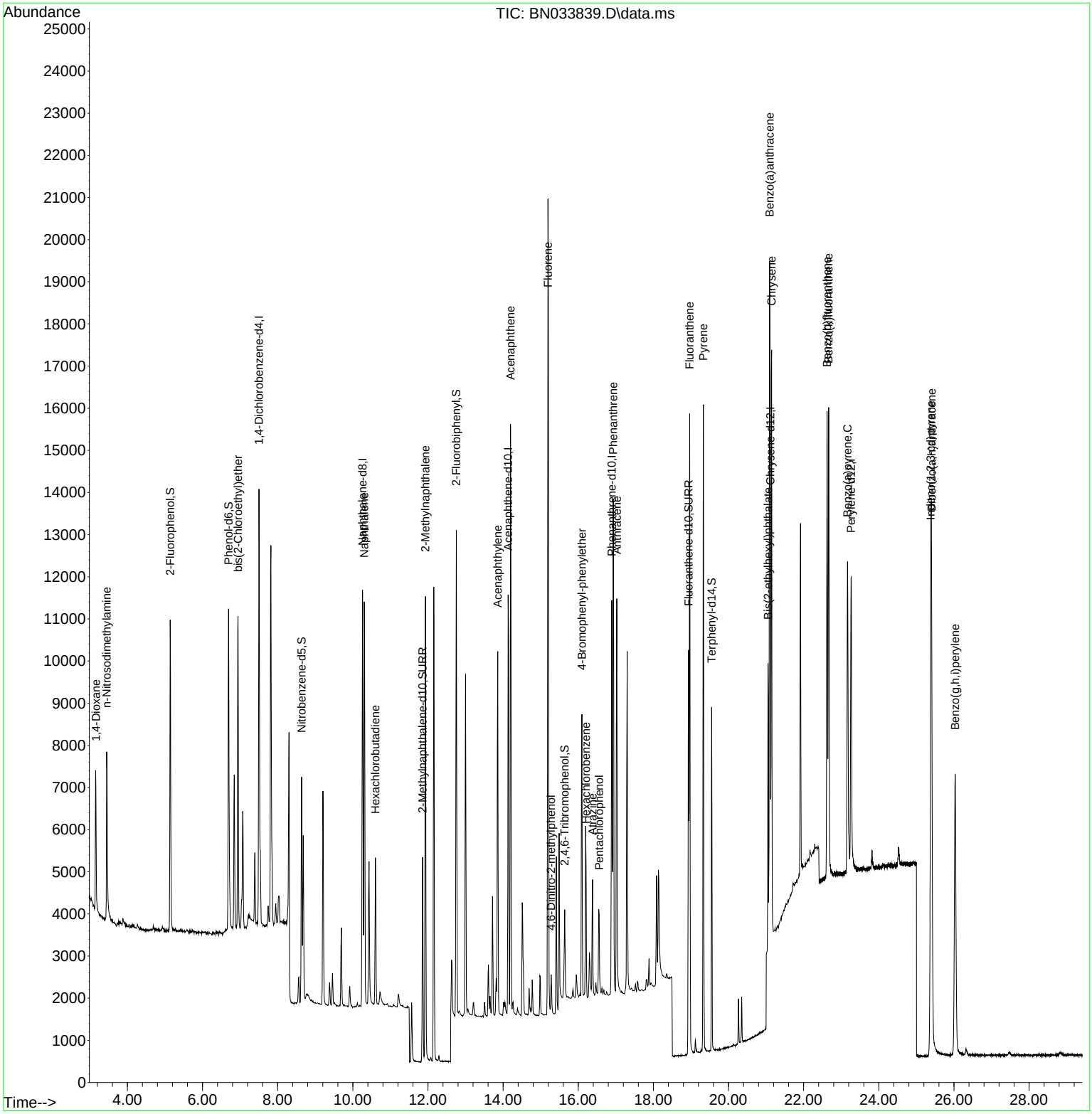
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.502	152	4763	0.400	ng		-0.01
7) Naphthalene-d8	10.261	136	12303	0.400	ng		#-0.01
13) Acenaphthene-d10	14.135	164	5800	0.400	ng		-0.02
19) Phenanthrene-d10	16.892	188	11594	0.400	ng		-0.01
29) Chrysene-d12	21.112	240	8473	0.400	ng		# 0.00
35) Perylene-d12	23.265	264	9138	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.140	112	5458	0.374	ng		-0.01
5) Phenol-d6	6.693	99	6404	0.371	ng		-0.01
8) Nitrobenzene-d5	8.638	82	3962	0.378	ng		-0.01
11) 2-Methylnaphthalene-d10	11.858	152	6706	0.386	ng		-0.02
14) 2,4,6-Tribromophenol	15.638	330	1095	0.374	ng		-0.01
15) 2-Fluorobiphenyl	12.756	172	9442	0.390	ng		-0.01
27) Fluoranthene-d10	18.938	212	10860	0.380	ng		0.00
31) Terphenyl-d14	19.551	244	7304	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2183	0.403	ng		97
3) n-Nitrosodimethylamine	3.450	42	2712	0.426	ng		92
6) bis(2-Chloroethyl)ether	6.945	93	5080	0.390	ng		99
9) Naphthalene	10.304	128	12698	0.386	ng		99
10) Hexachlorobutadiene	10.602	225	2684	0.392	ng	#	99
12) 2-Methylnaphthalene	11.933	142	7812	0.388	ng		99
16) Acenaphthylene	13.857	152	9423	0.376	ng		100
17) Acenaphthene	14.199	154	6785	0.395	ng		99
18) Fluorene	15.194	166	8508	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.279	198	681	0.372	ng		95
21) 4-Bromophenyl-phenylether	16.098	248	2561	0.381	ng		96
22) Hexachlorobenzene	16.209	284	2998	0.389	ng		96
23) Atrazine	16.383	200	2154	0.402	ng		97
24) Pentachlorophenol	16.557	266	1132	0.359	ng		99
25) Phenanthrene	16.929	178	12473	0.390	ng		100
26) Anthracene	17.029	178	10618	0.382	ng		100
28) Fluoranthene	18.965	202	13645	0.381	ng		99
30) Pyrene	19.333	202	14000	0.410	ng		100
32) Benzo(a)anthracene	21.094	228	11678	0.386	ng		99
33) Chrysene	21.148	228	12093	0.404	ng		97
34) Bis(2-ethylhexyl)phtha...	21.050	149	6443	0.391	ng		100
36) Indeno(1,2,3-cd)pyrene	25.384	276	15519	0.411	ng		99
37) Benzo(b)fluoranthene	22.624	252	12938	0.385	ng		98
38) Benzo(k)fluoranthene	22.665	252	13156	0.402	ng		100
39) Benzo(a)pyrene	23.168	252	10828	0.386	ng		98
40) Dibenzo(a,h)anthracene	25.405	278	12393	0.409	ng		98
41) Benzo(g,h,i)perylene	26.033	276	13288	0.405	ng		98

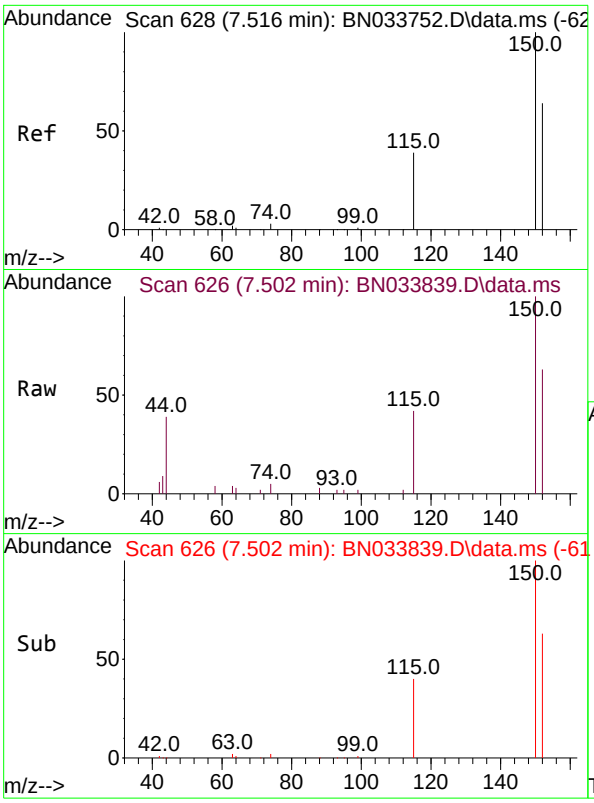
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
Data File : BN033839.D
Acq On : 10 Sep 2024 12:29
Operator : MA/JU
Sample : PB163188BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Quant Time: Sep 10 13:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration



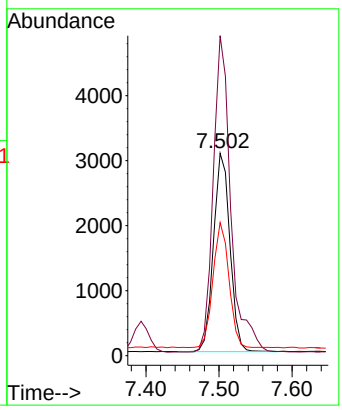


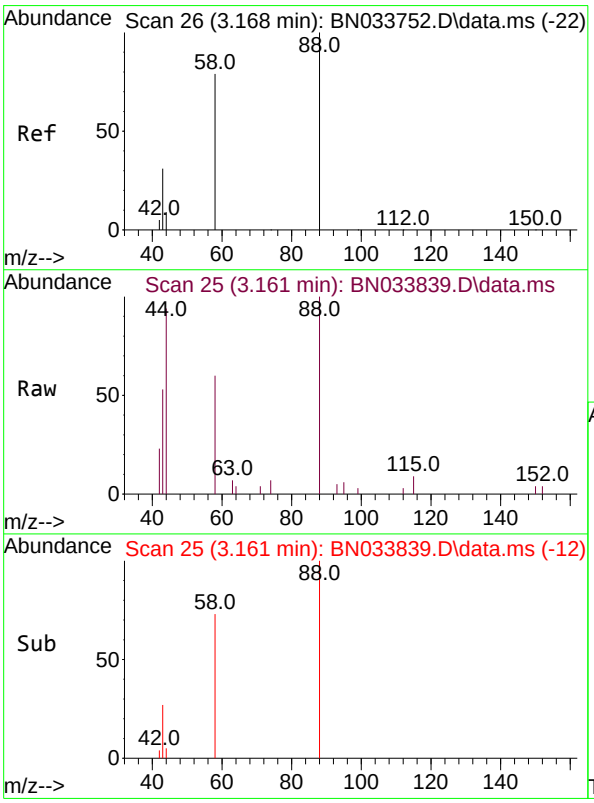
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.502 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:152 Resp: 4763

Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.3	184.9
115	65.8	51.0	76.4

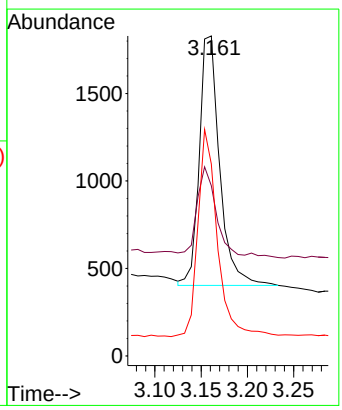


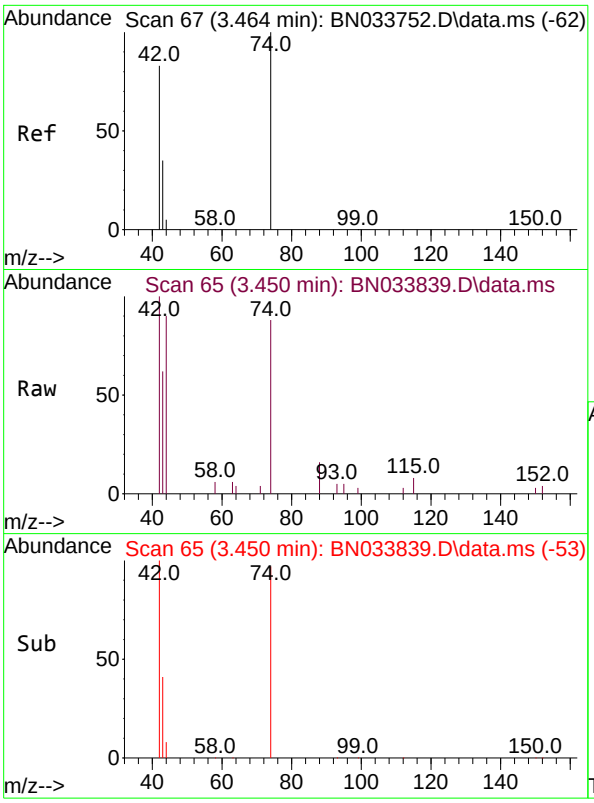


#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.161 min Scan# 25
Delta R.T. -0.007 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion: 88 Resp: 2183

Ion	Ratio	Lower	Upper
88	100		
43	31.9	29.0	43.4
58	78.9	64.1	96.1



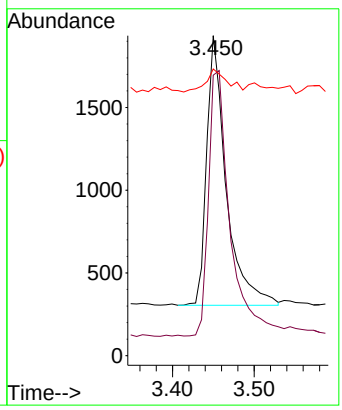


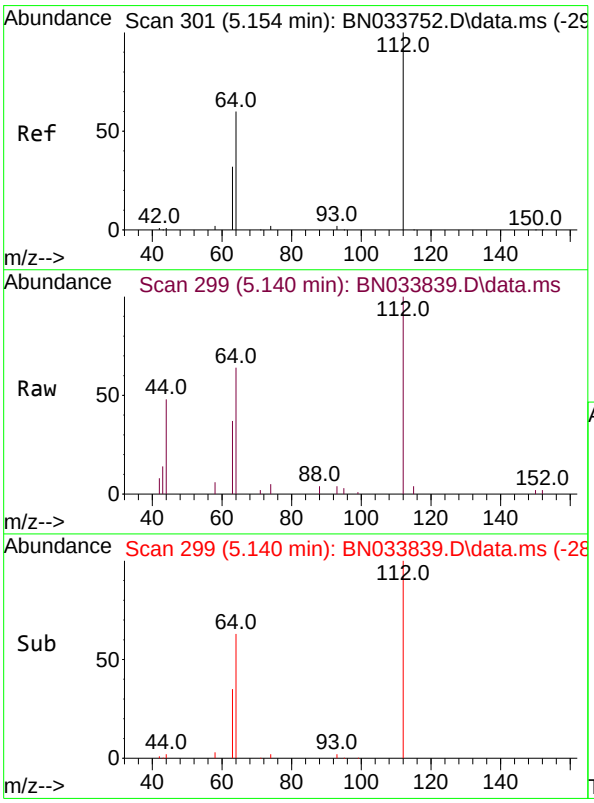
#3
n-Nitrosodimethylamine
Concen: 0.426 ng
RT: 3.450 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion: 42 Resp: 2712

Ion	Ratio	Lower	Upper
42	100		
74	107.9	93.5	140.3
44	8.9	7.4	11.0

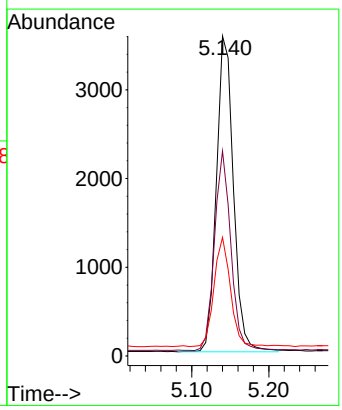


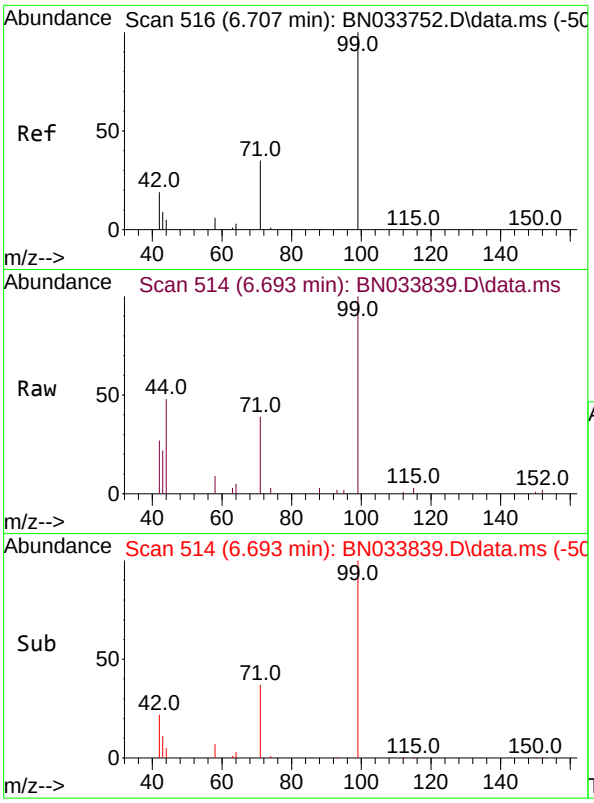


#4
2-Fluorophenol
Concen: 0.374 ng
RT: 5.140 min Scan# 299
Delta R.T. -0.015 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:112 Resp: 5458

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.6	71.4
63	33.3	25.9	38.9



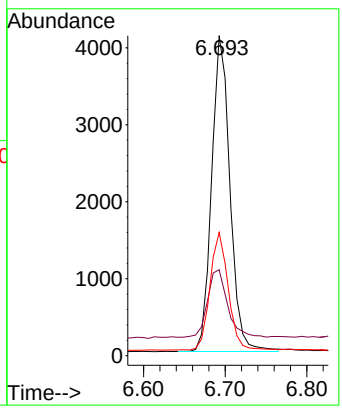


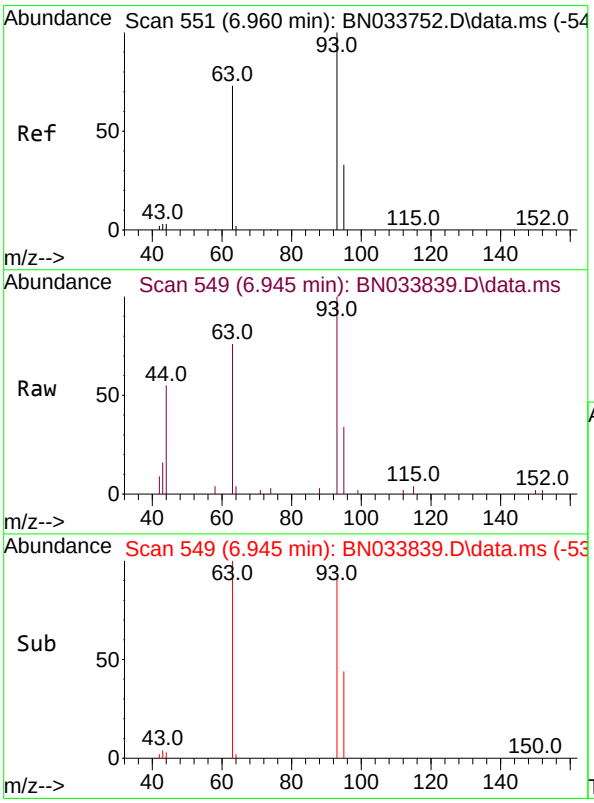
#5
Phenol-d6
Concen: 0.371 ng
RT: 6.693 min Scan# 5
Delta R.T. -0.015 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion: 99 Resp: 6404

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.0	27.0
71	37.0	28.7	43.1

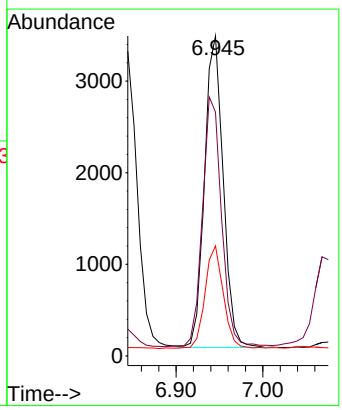


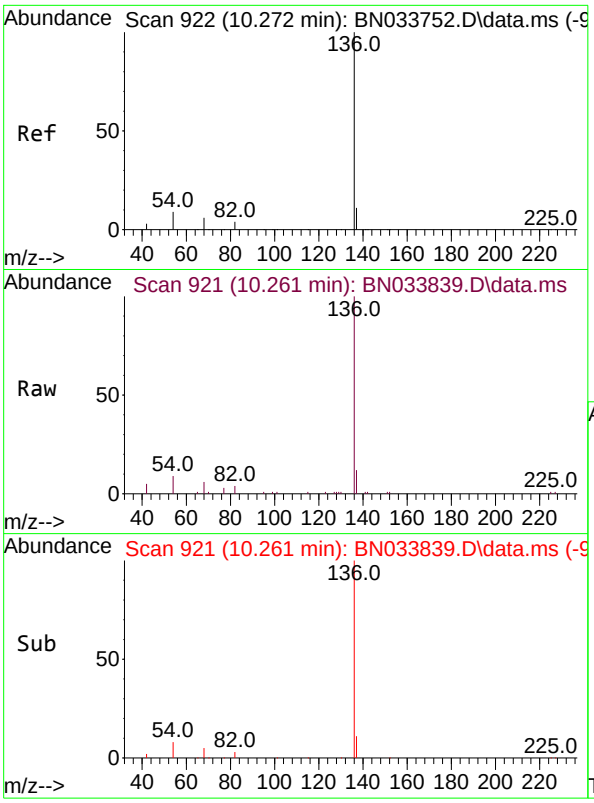


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 6.945 min Scan# 549
Delta R.T. -0.015 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion: 93 Resp: 5080

Ion	Ratio	Lower	Upper
93	100		
63	81.8	64.4	96.6
95	32.7	26.5	39.7



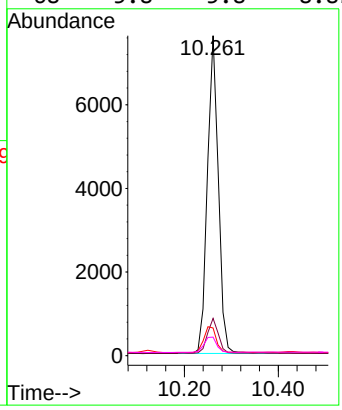


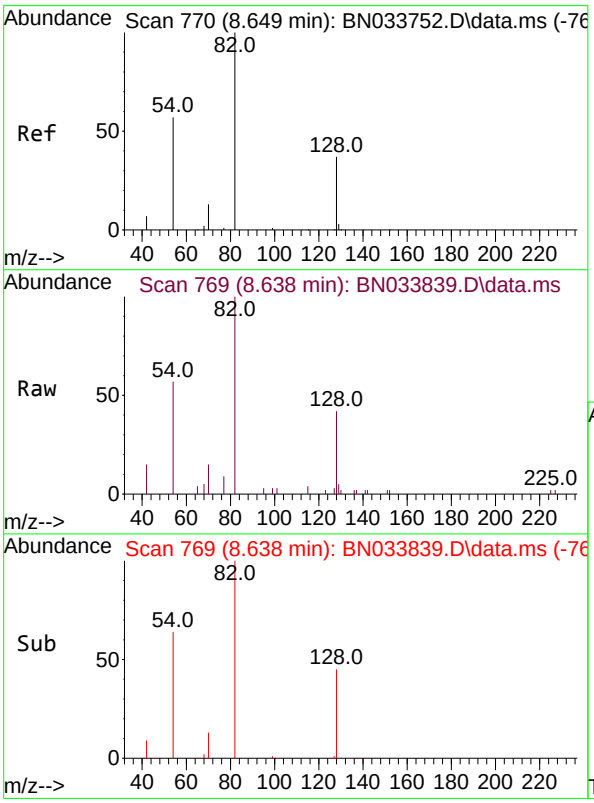
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:136 Resp: 12303

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	8.6	8.1	12.1
68	5.8	5.8	8.8#

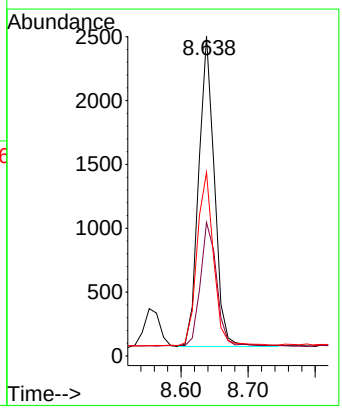


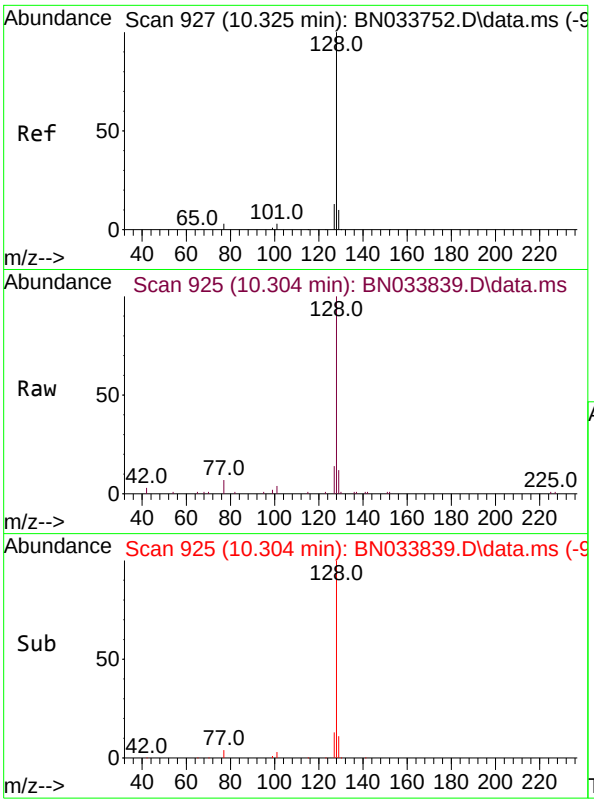


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 8.638 min Scan# 769
Delta R.T. -0.011 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion: 82 Resp: 3962

Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.3	46.9
54	57.4	46.9	70.3



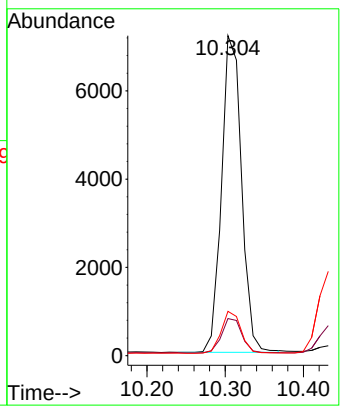


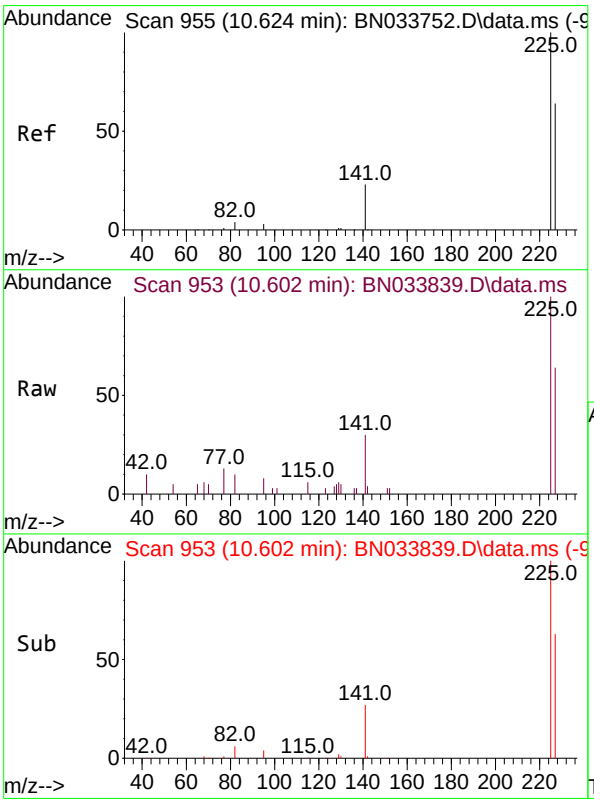
#9
Naphthalene
Concen: 0.386 ng
RT: 10.304 min Scan# 9
Delta R.T. -0.022 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:128 Resp: 12698

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.8	10.8	16.2

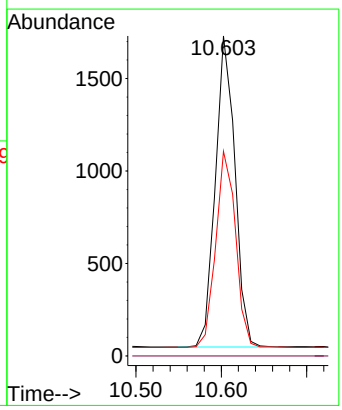


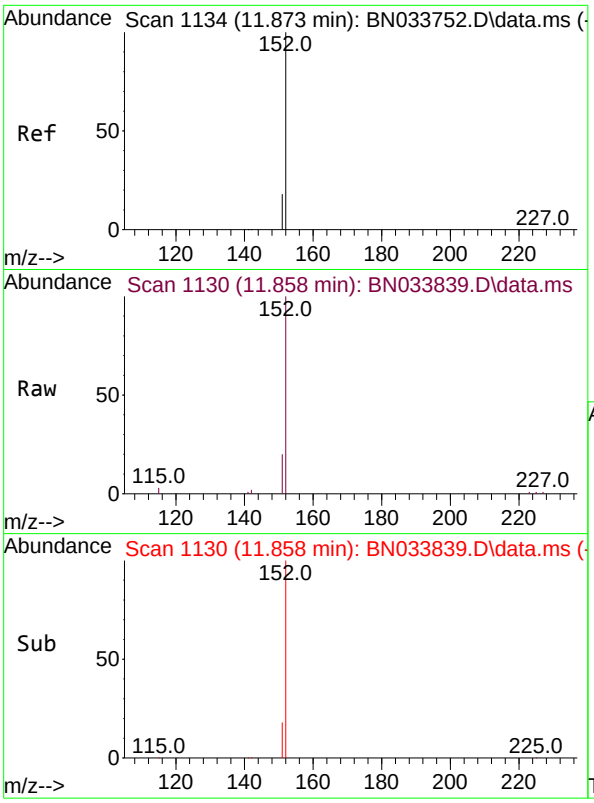


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.602 min Scan# 953
Delta R.T. -0.022 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:225 Resp: 2684

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



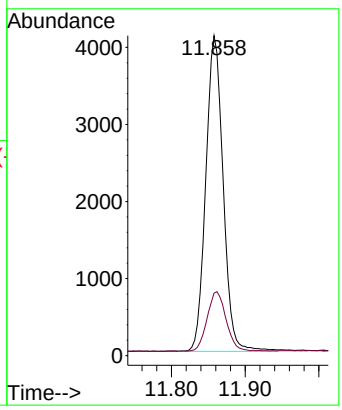


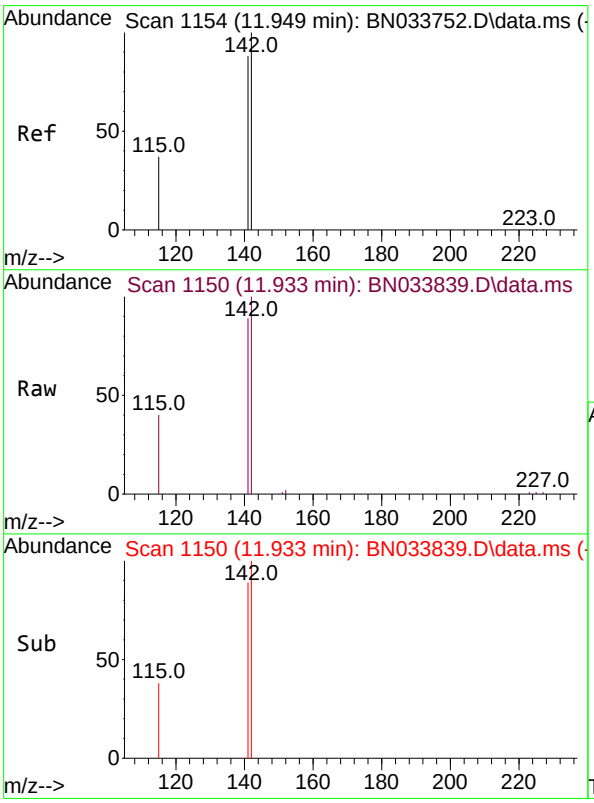
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.858 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:152 Resp: 6706

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.7	25.1

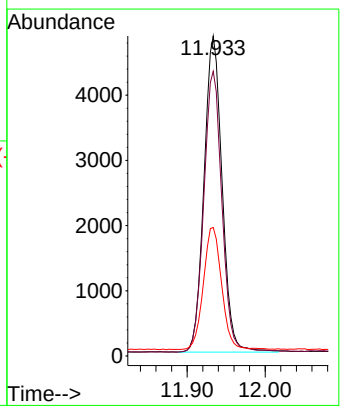


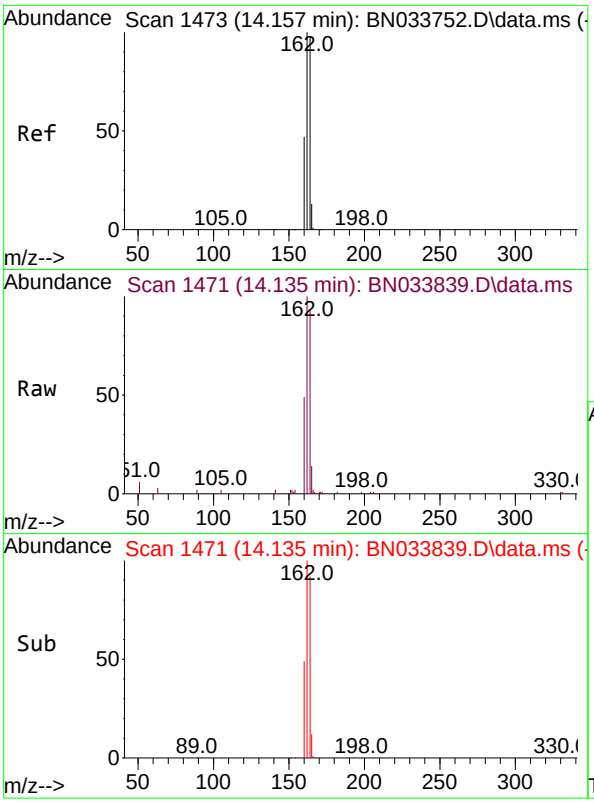


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 11.933 min Scan# 1150
Delta R.T. -0.015 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:142 Resp: 7812

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.9	106.3
115	40.2	31.0	46.4



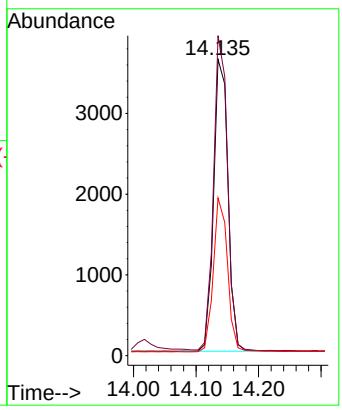


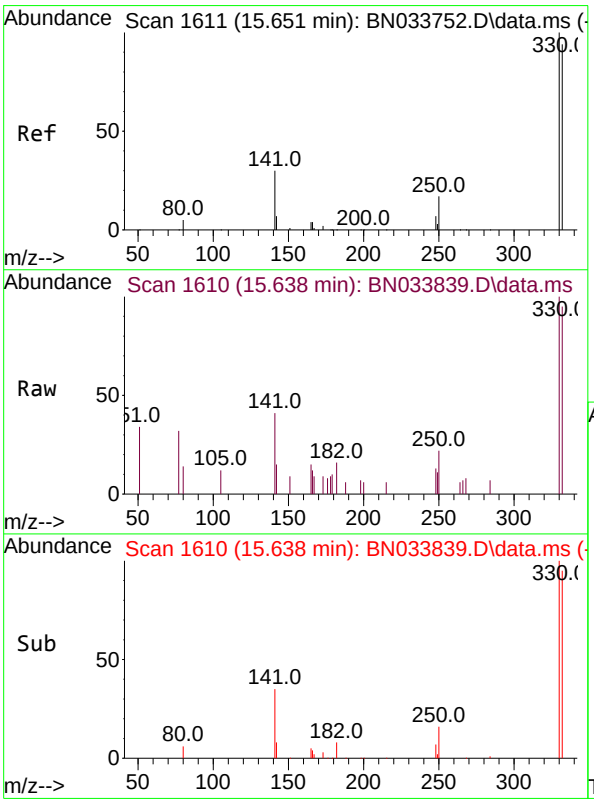
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.135 min Scan# 14
Delta R.T. -0.022 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:164 Resp: 5800

Ion	Ratio	Lower	Upper
164	100		
162	108.0	82.0	123.0
160	53.3	39.1	58.7

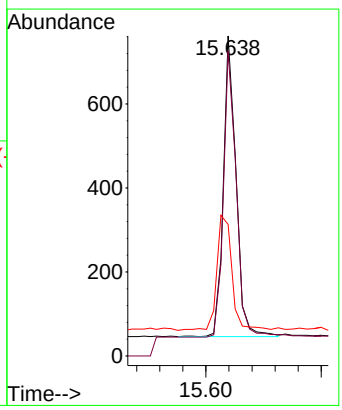


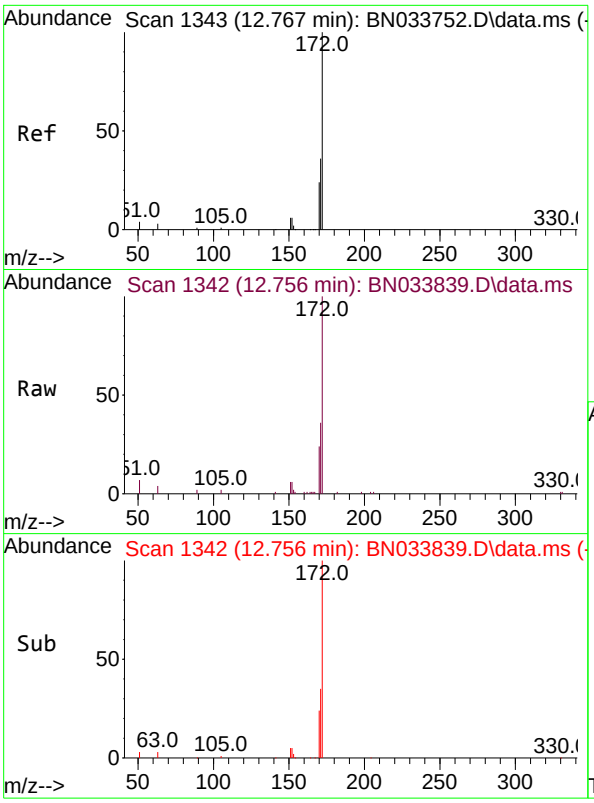


#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.638 min Scan# 1610
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:330 Resp: 1095

Ion	Ratio	Lower	Upper
330	100		
332	95.3	74.2	111.4
141	45.3	33.9	50.9



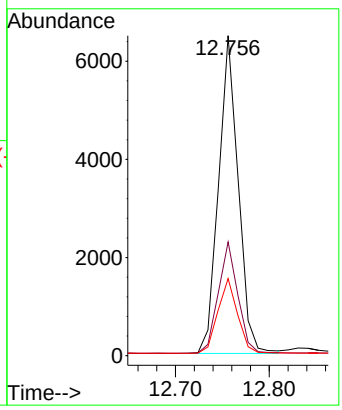


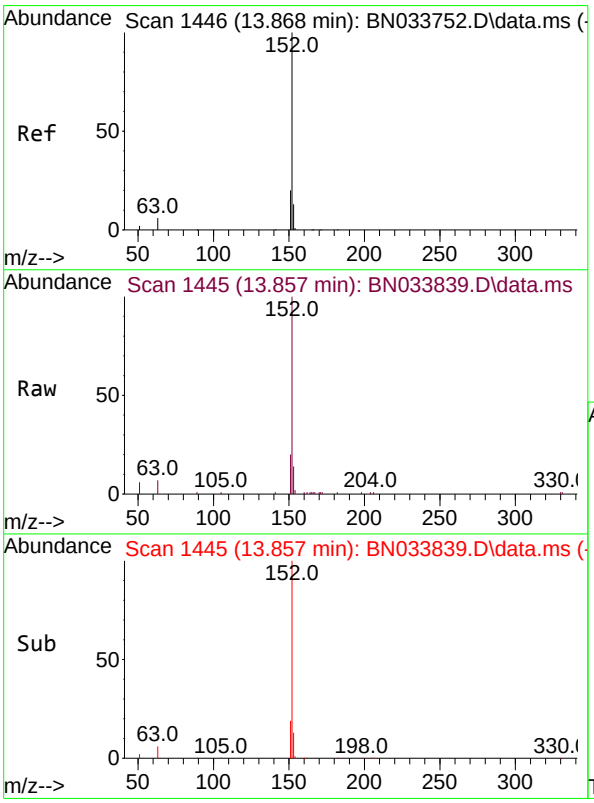
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.756 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:172 Resp: 9442

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	24.1	19.7	29.5

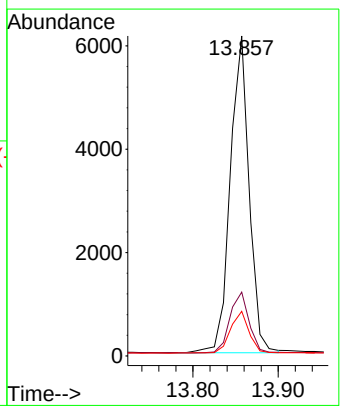


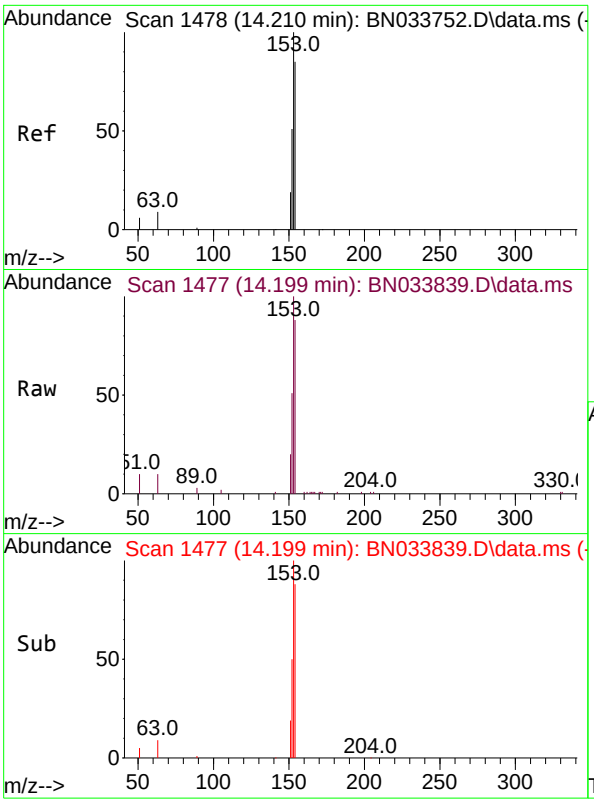


#16
Acenaphthylene
Concen: 0.376 ng
RT: 13.857 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:152 Resp: 9423

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.2	10.3	15.5



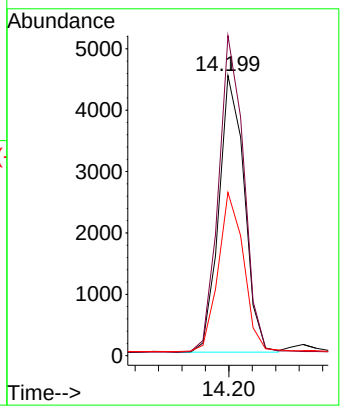


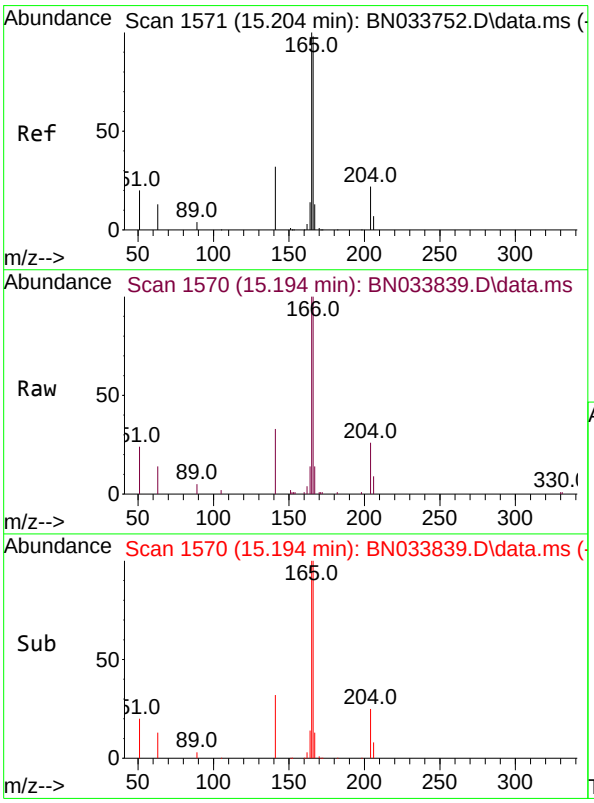
#17
Acenaphthene
Concen: 0.395 ng
RT: 14.199 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:154 Resp: 6785

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.2
152	57.4	45.8	68.6

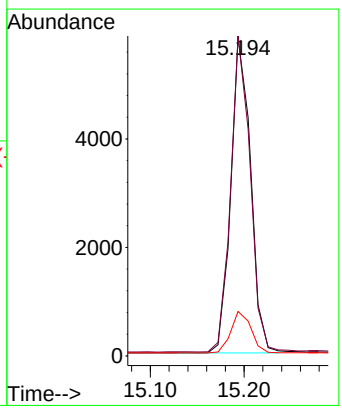


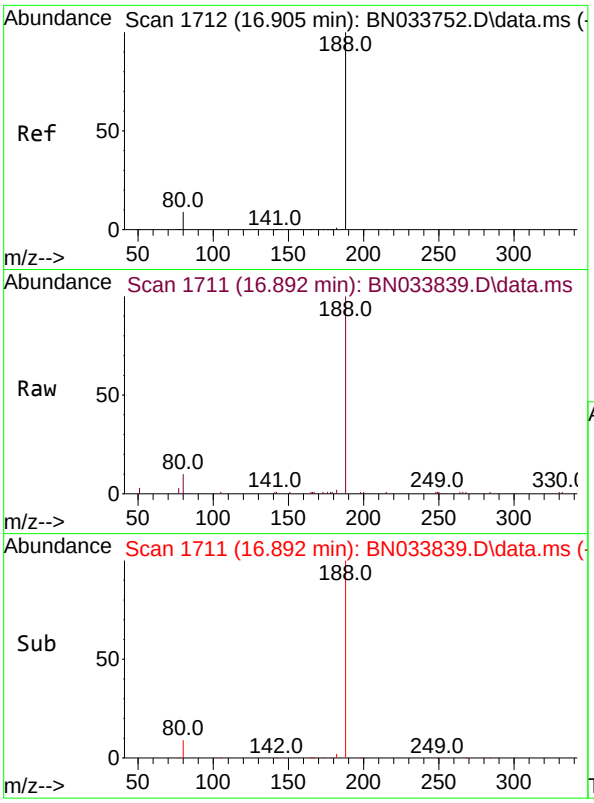


#18
Fluorene
Concen: 0.401 ng
RT: 15.194 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:166 Resp: 8508

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.3	10.6	16.0



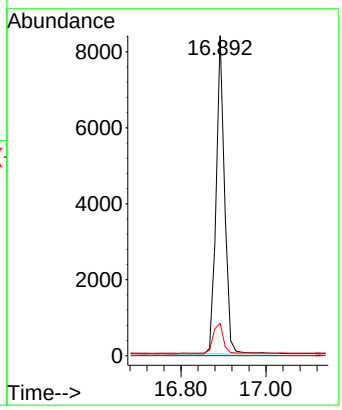


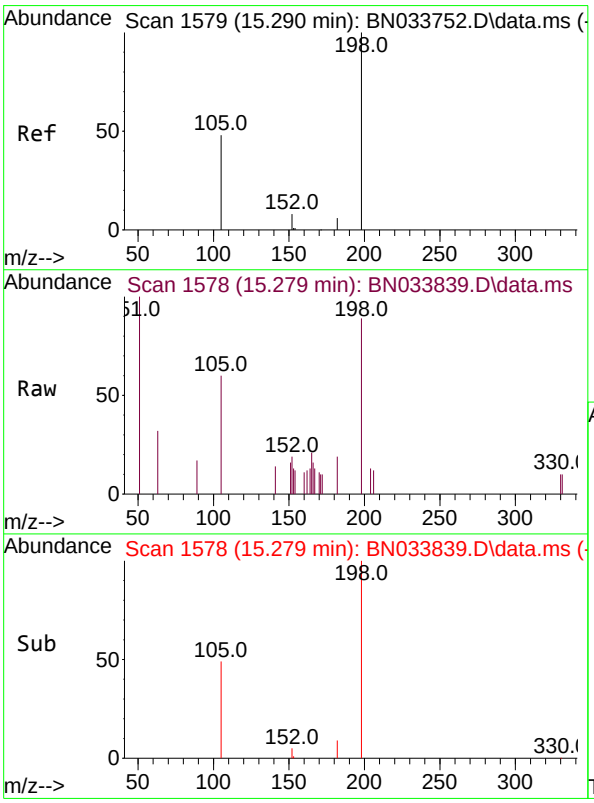
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:188 Resp: 11594

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.9	11.9

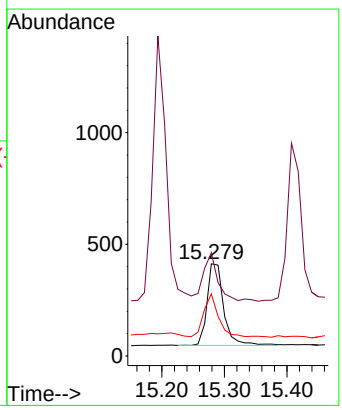


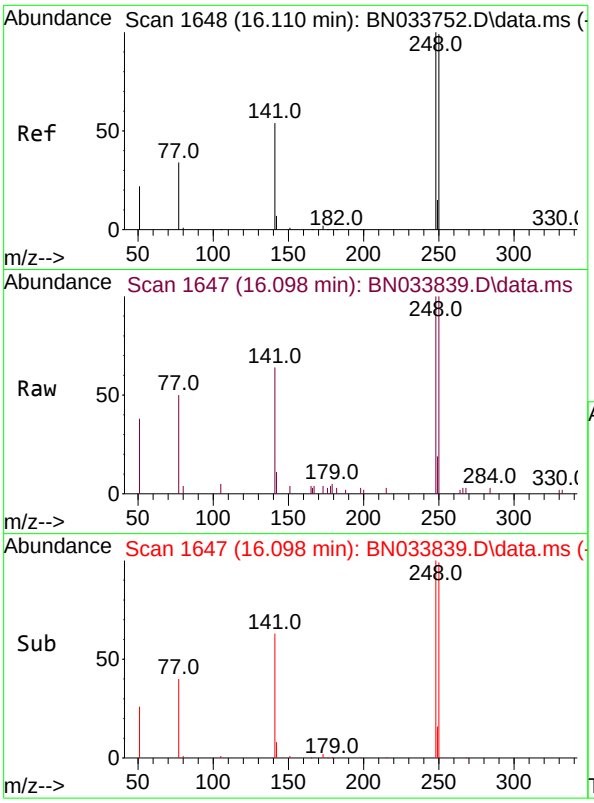


#20
4,6-Dinitro-2-methylphenol
Concen: 0.372 ng
RT: 15.279 min Scan# 1578
Delta R.T. -0.011 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:198 Resp: 681

Ion	Ratio	Lower	Upper
198	100		
51	111.9	92.8	139.2
105	67.3	59.4	89.0



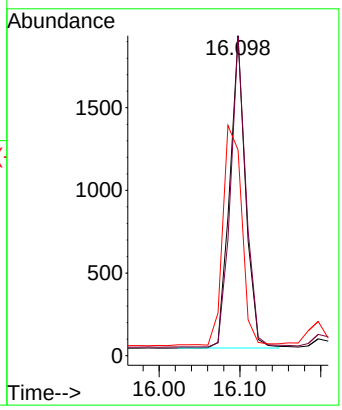


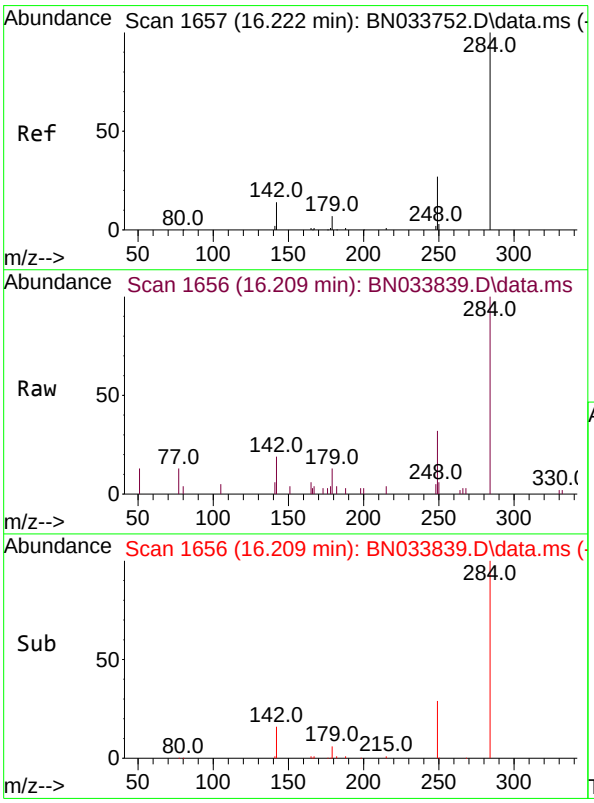
#21
4-Bromophenyl-phenylether
Concen: 0.381 ng
RT: 16.098 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:248 Resp: 2561

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.5	119.3
141	64.3	44.9	67.3

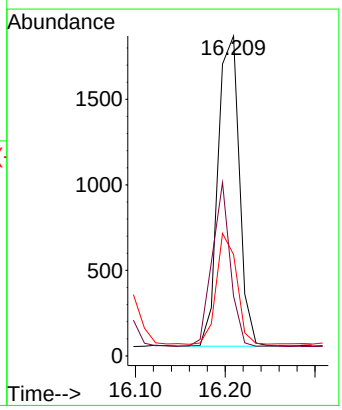


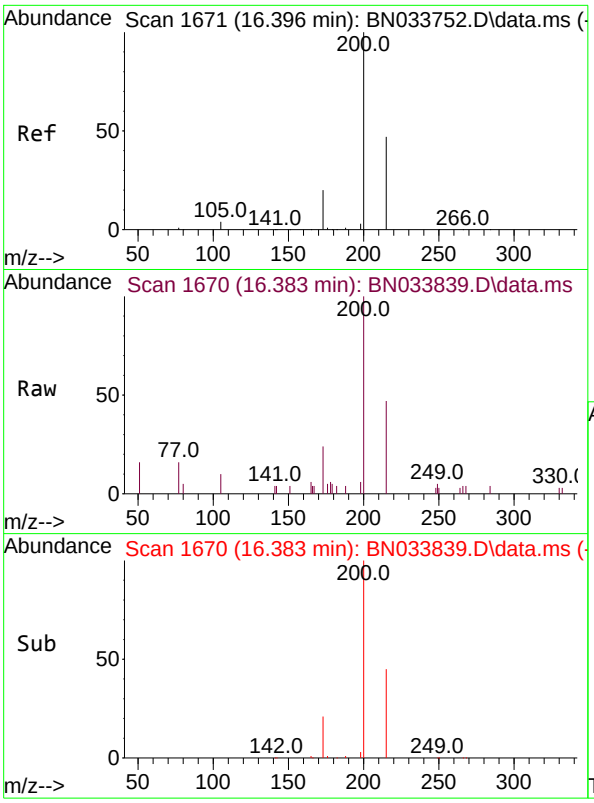


#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:284 Resp: 2998

Ion	Ratio	Lower	Upper
284	100		
142	44.7	32.8	49.2
249	34.1	26.2	39.2



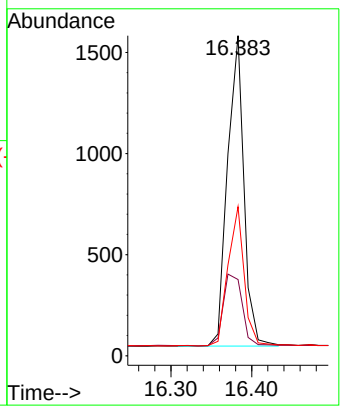


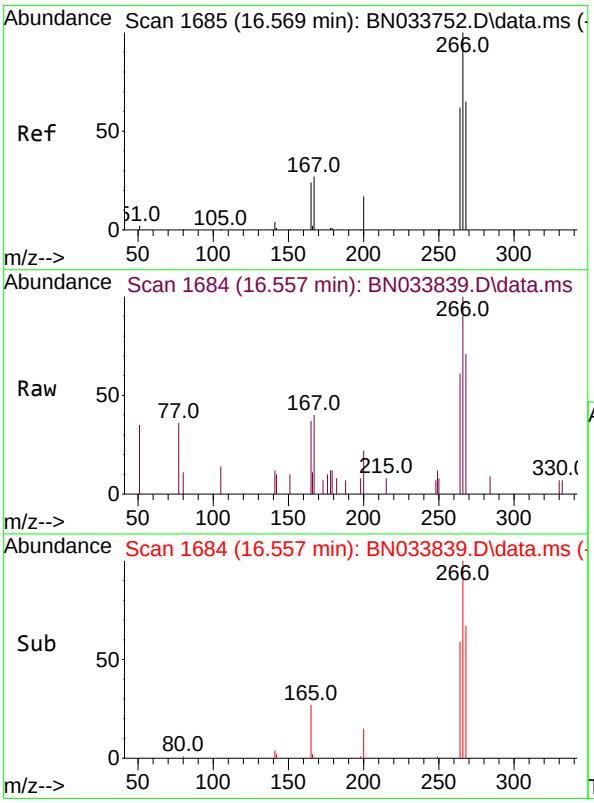
#23
Atrazine
Concen: 0.402 ng
RT: 16.383 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:200 Resp: 2154

Ion	Ratio	Lower	Upper
200	100		
173	23.8	18.2	27.4
215	46.6	39.0	58.4

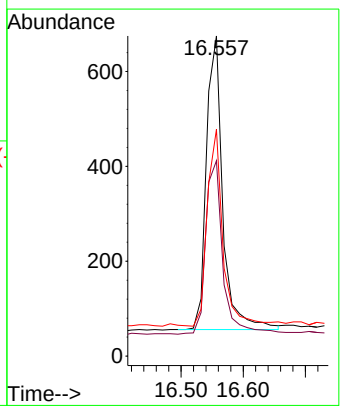


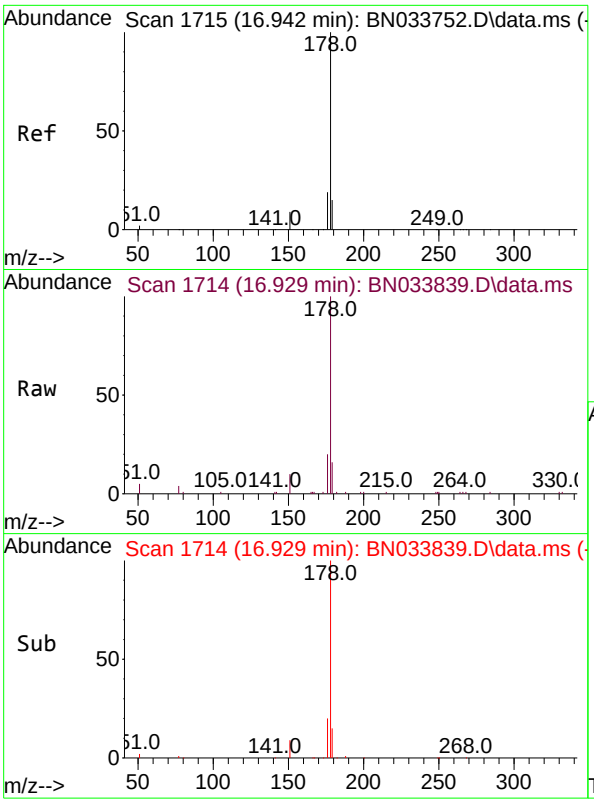


#24
Pentachlorophenol
Concen: 0.359 ng
RT: 16.557 min Scan# 1684
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:266 Resp: 1132

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.6	74.4
268	63.9	52.2	78.4



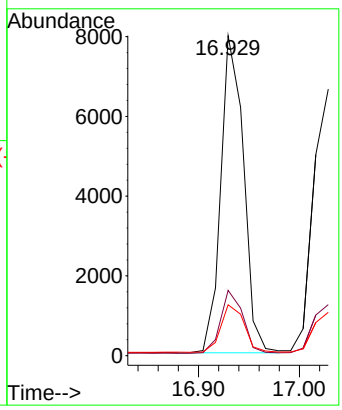


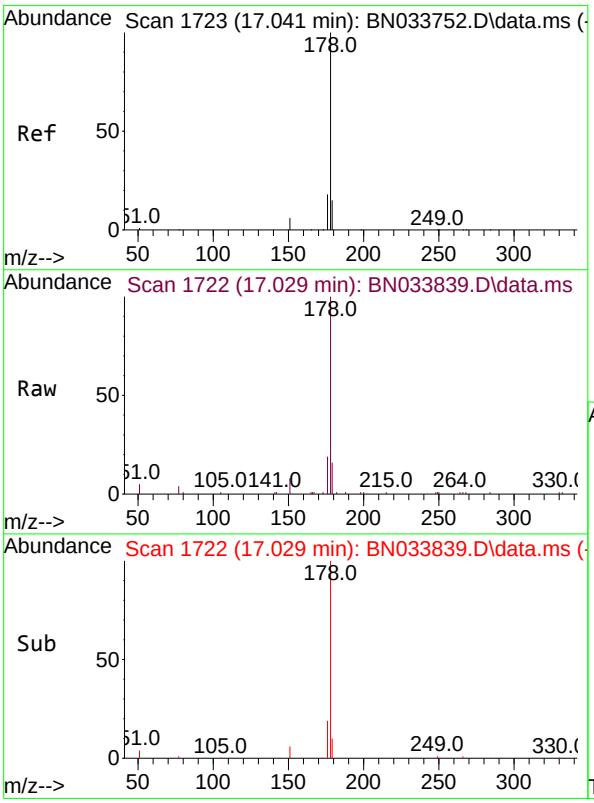
#25
Phenanthrene
Concen: 0.390 ng
RT: 16.929 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:178 Resp: 12473

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.2	18.4

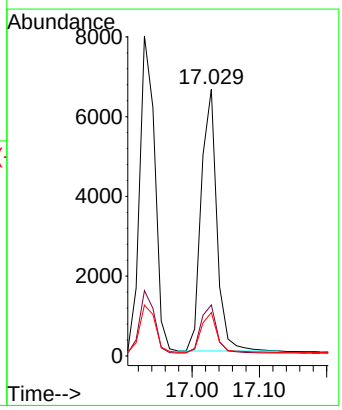


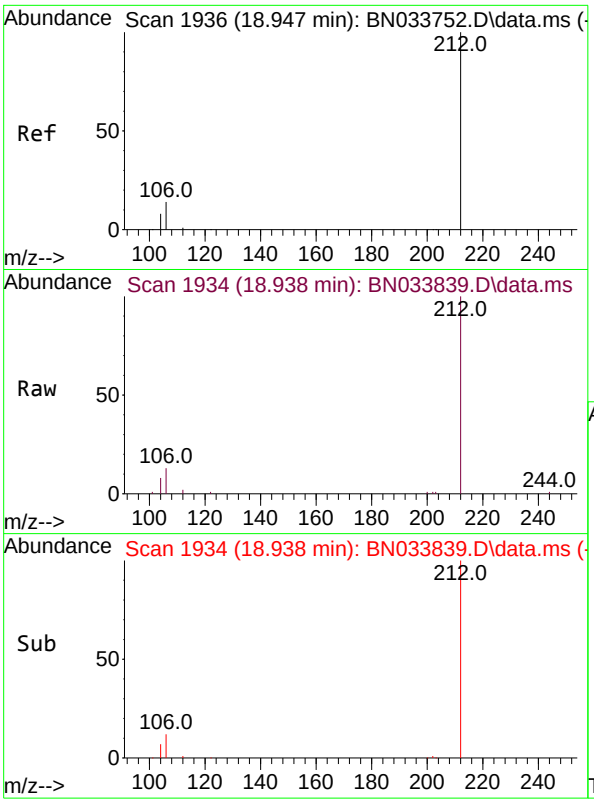


#26
Anthracene
Concen: 0.382 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.013 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:178 Resp: 10618

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.4	12.4	18.6



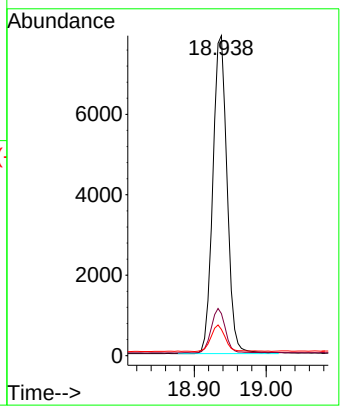


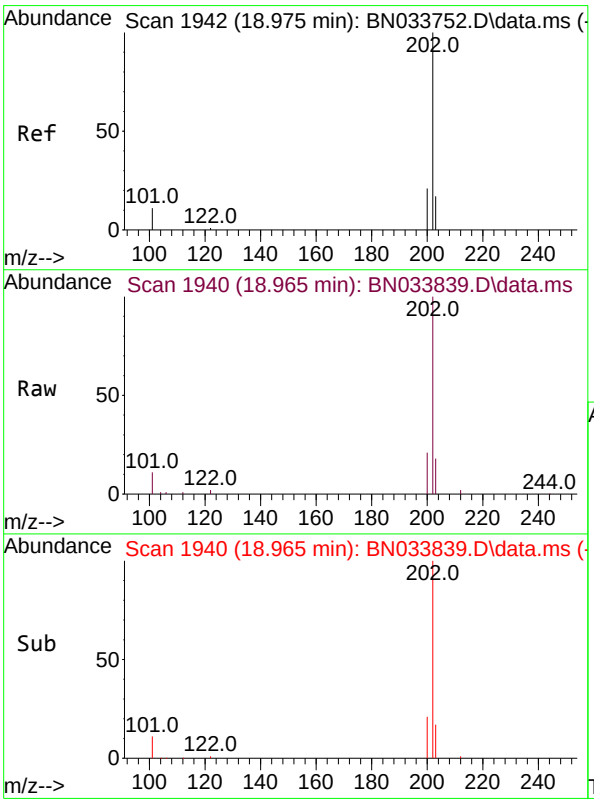
#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 18.938 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:212 Resp: 10860

Ion	Ratio	Lower	Upper
212	100		
106	13.7	11.5	17.3
104	8.2	6.6	9.8

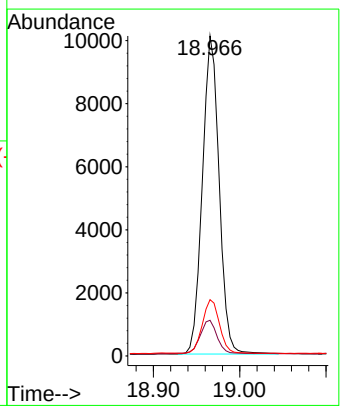


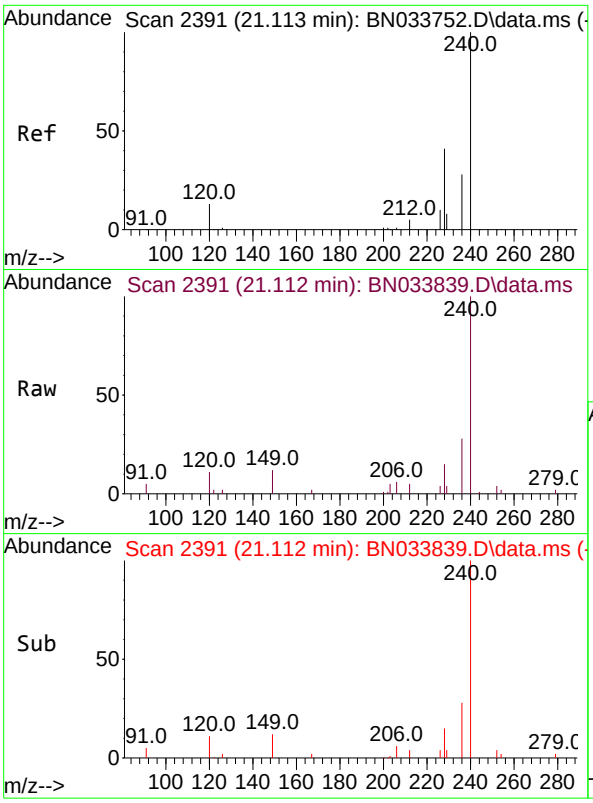


#28
Fluoranthene
Concen: 0.381 ng
RT: 18.965 min Scan# 1940
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:202 Resp: 13645

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.2	13.8
203	17.0	13.8	20.6



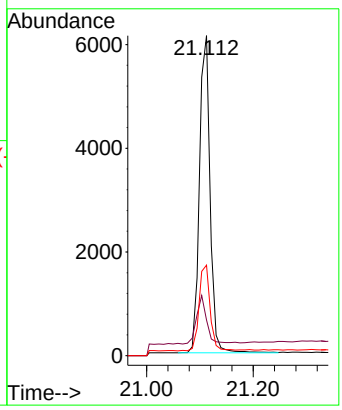


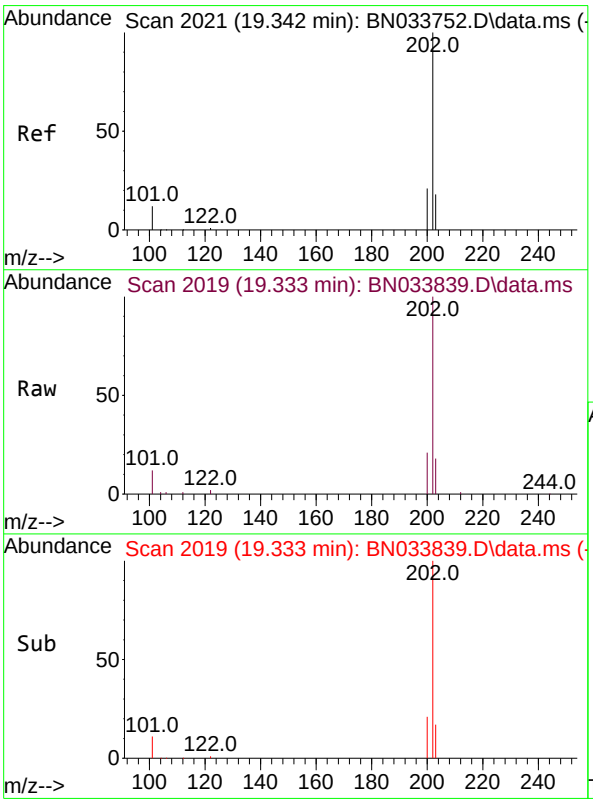
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.112 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:240 Resp: 8473

Ion	Ratio	Lower	Upper
240	100		
120	11.2	13.7	20.5#
236	28.3	23.4	35.2

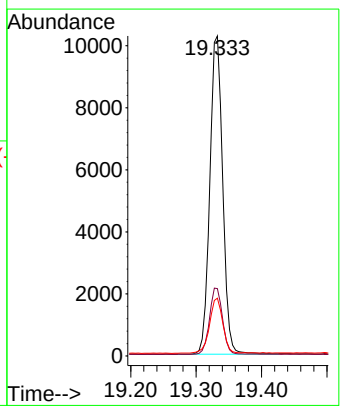


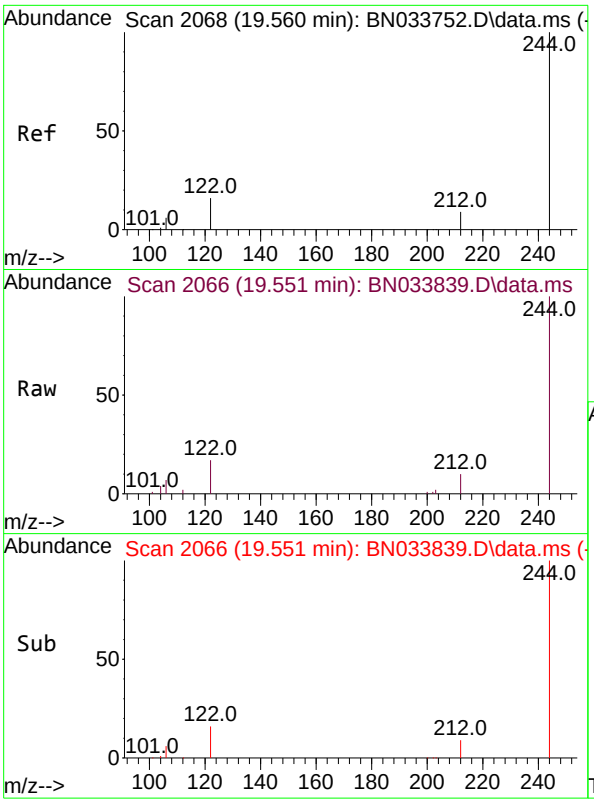


#30
Pyrene
Concen: 0.410 ng
RT: 19.333 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:202 Resp: 14000

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.1	14.4	21.6



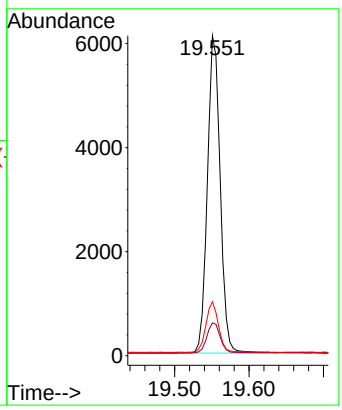


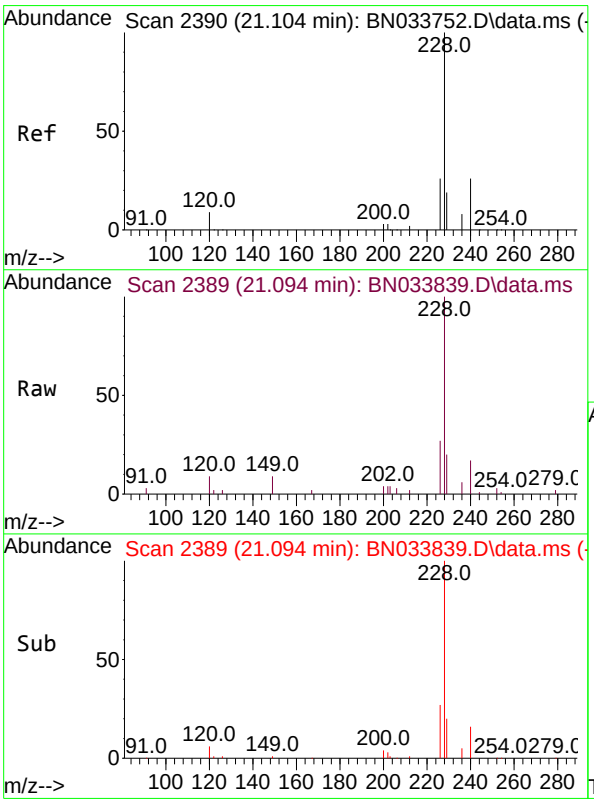
#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.551 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:244 Resp: 7304

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.9	11.9
122	16.8	13.2	19.8

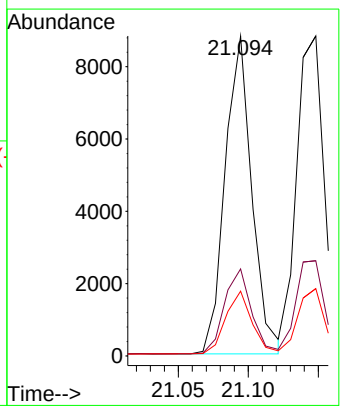


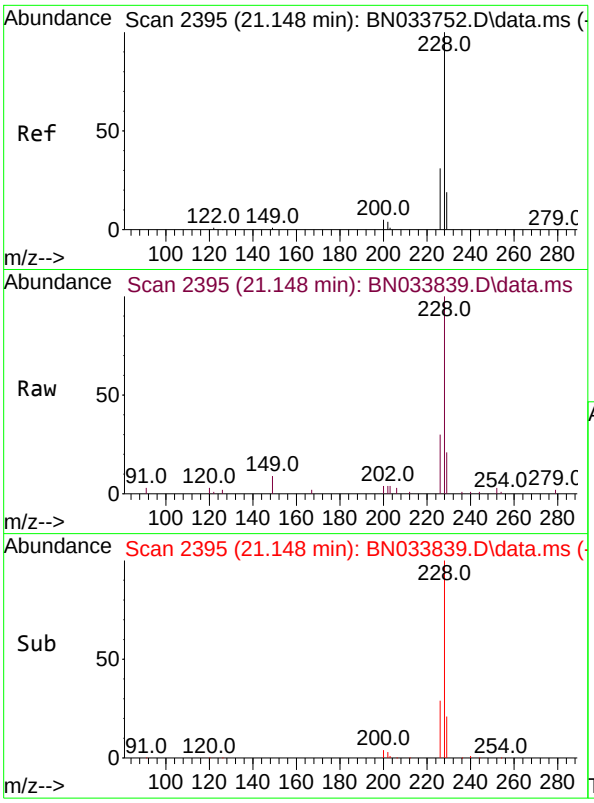


#32
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.094 min Scan# 2389
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:228 Resp: 11678

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	20.3	15.9	23.9



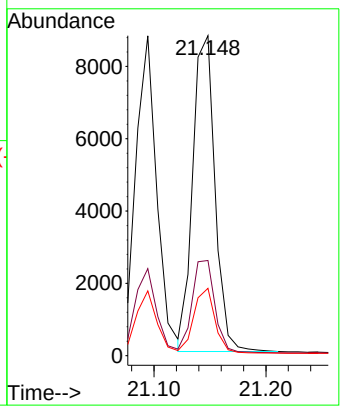


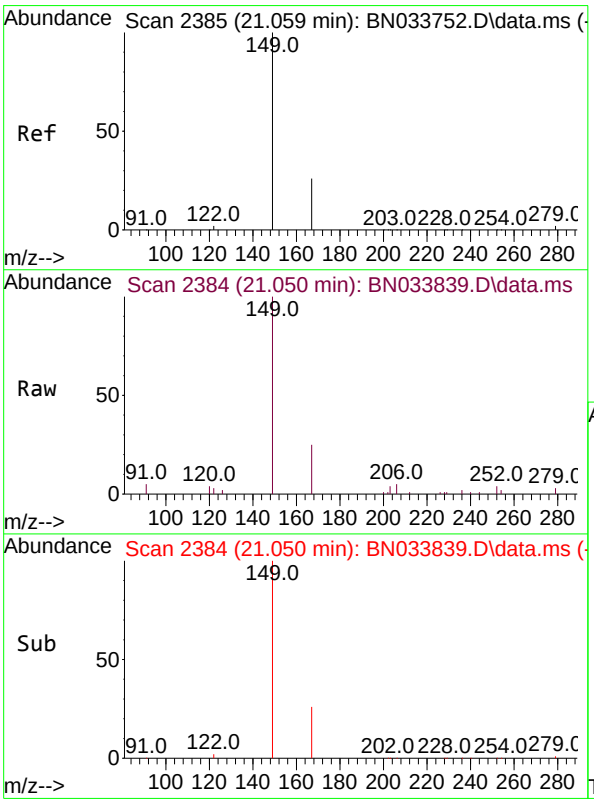
#33
Chrysene
Concen: 0.404 ng
RT: 21.148 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:228 Resp: 12093

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.0	15.6	23.4

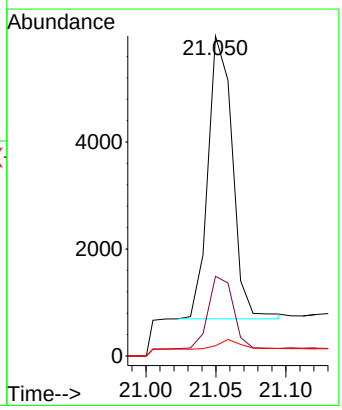


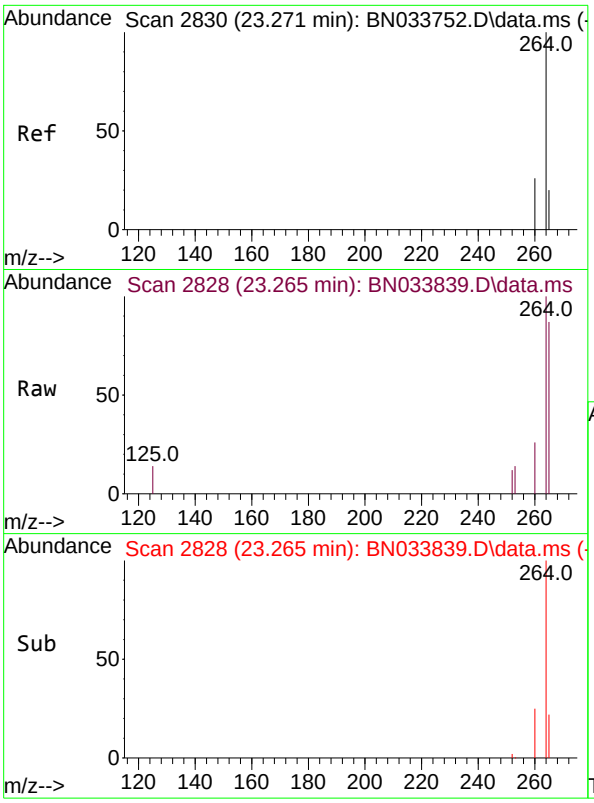


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.391 ng
RT: 21.050 min Scan# 2384
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:149 Resp: 6443

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.2	2.4	3.6



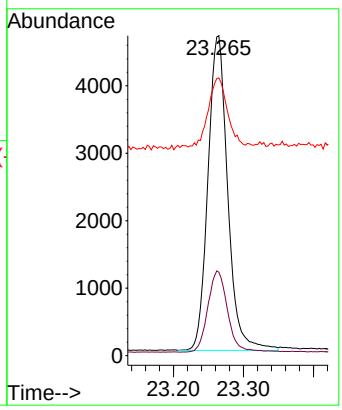


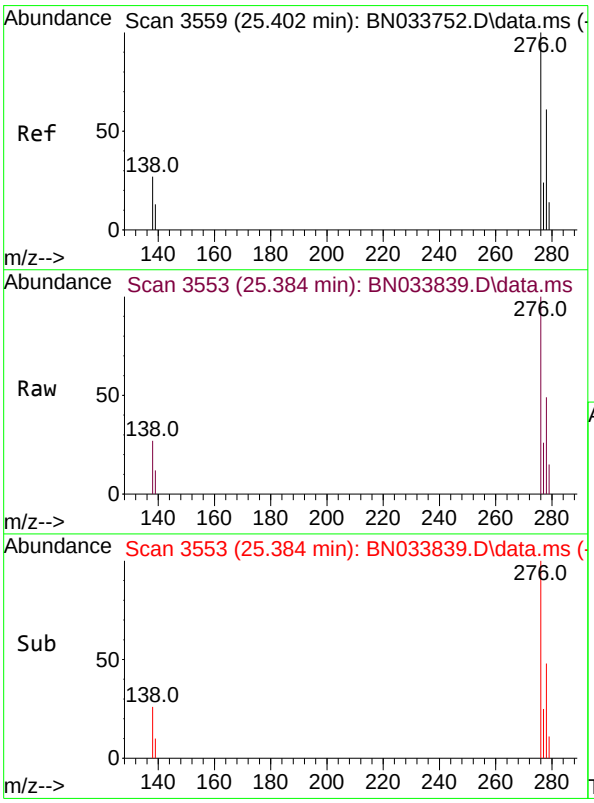
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.265 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:264 Resp: 9138

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.1	31.7
265	86.8	72.0	108.0

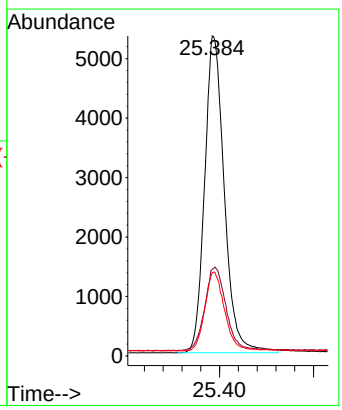


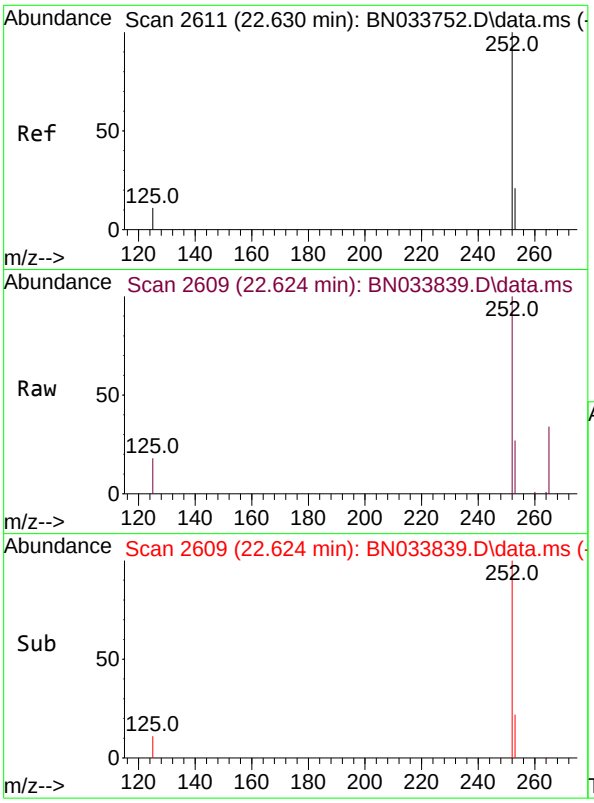


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng
RT: 25.384 min Scan# 3553
Delta R.T. -0.018 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:276 Resp: 15519

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.0	34.6
277	24.8	20.2	30.4



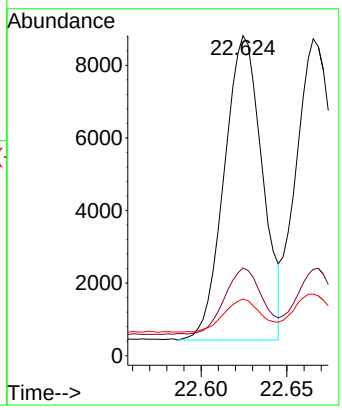


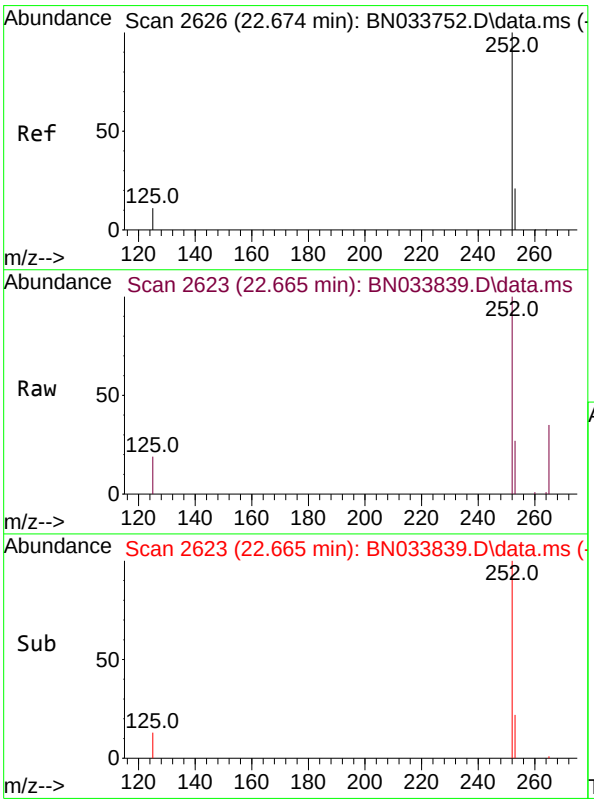
#37
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.624 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:252 Resp: 12938

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.8	32.6
125	17.7	15.4	23.0

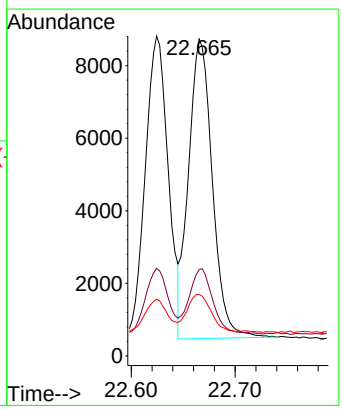


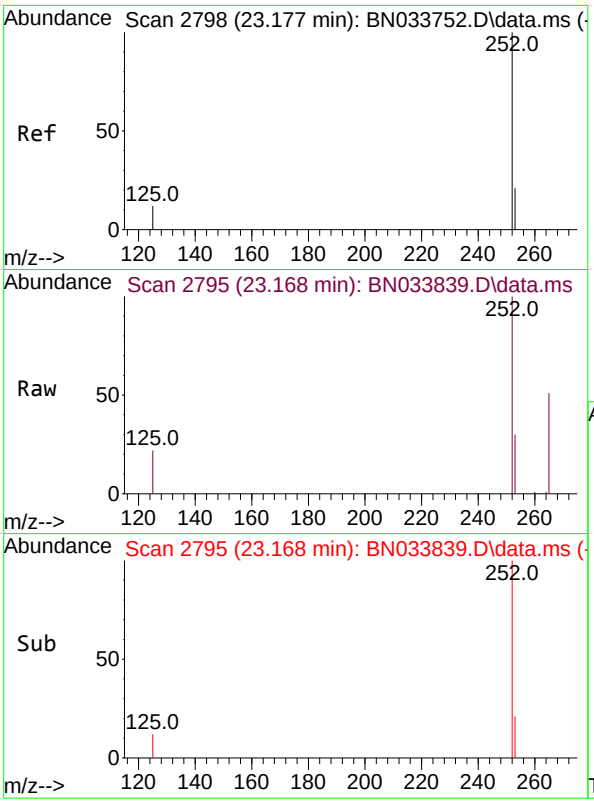


#38
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.665 min Scan# 2623
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:252 Resp: 13156

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.8	32.8
125	19.4	15.4	23.2



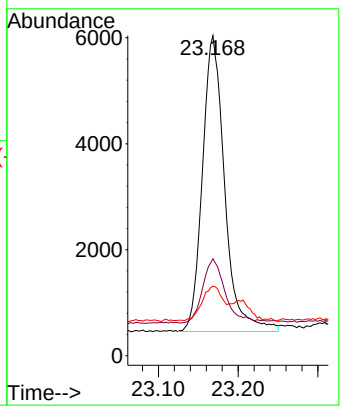


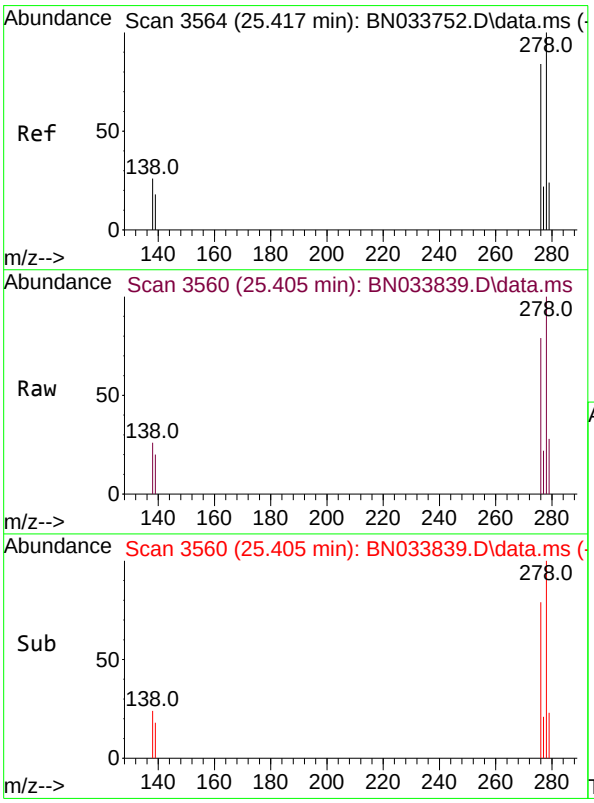
#39
Benzo(a)pyrene
Concen: 0.386 ng
RT: 23.168 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:252 Resp: 10828

Ion	Ratio	Lower	Upper
252	100		
253	30.3	24.0	36.0
125	21.7	19.1	28.7

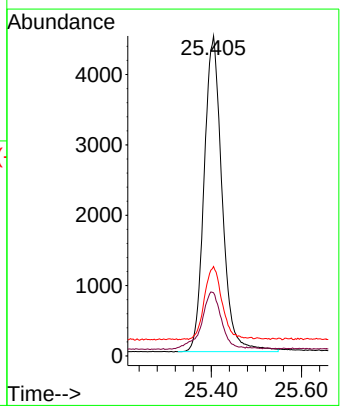


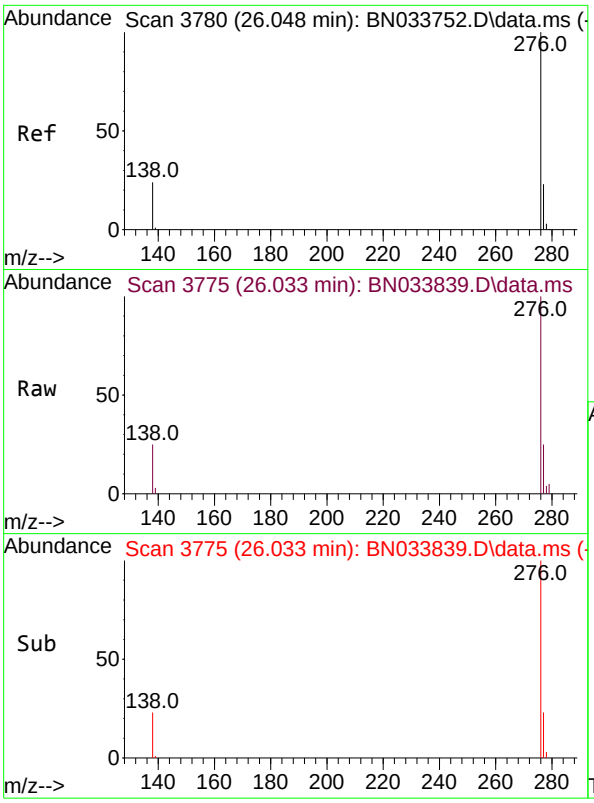


#40
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 25.405 min Scan# 3560
Delta R.T. -0.012 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Tgt Ion:278 Resp: 12393

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.7	25.1
279	27.9	23.4	35.0





#41
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.033 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN033839.D
Acq: 10 Sep 2024 12:29

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Tgt Ion:276 Resp: 13288

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.3	30.5
138	24.9	20.9	31.3