Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031456.D
Acq On : 10 May 2024 08:47
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 10 10:44:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

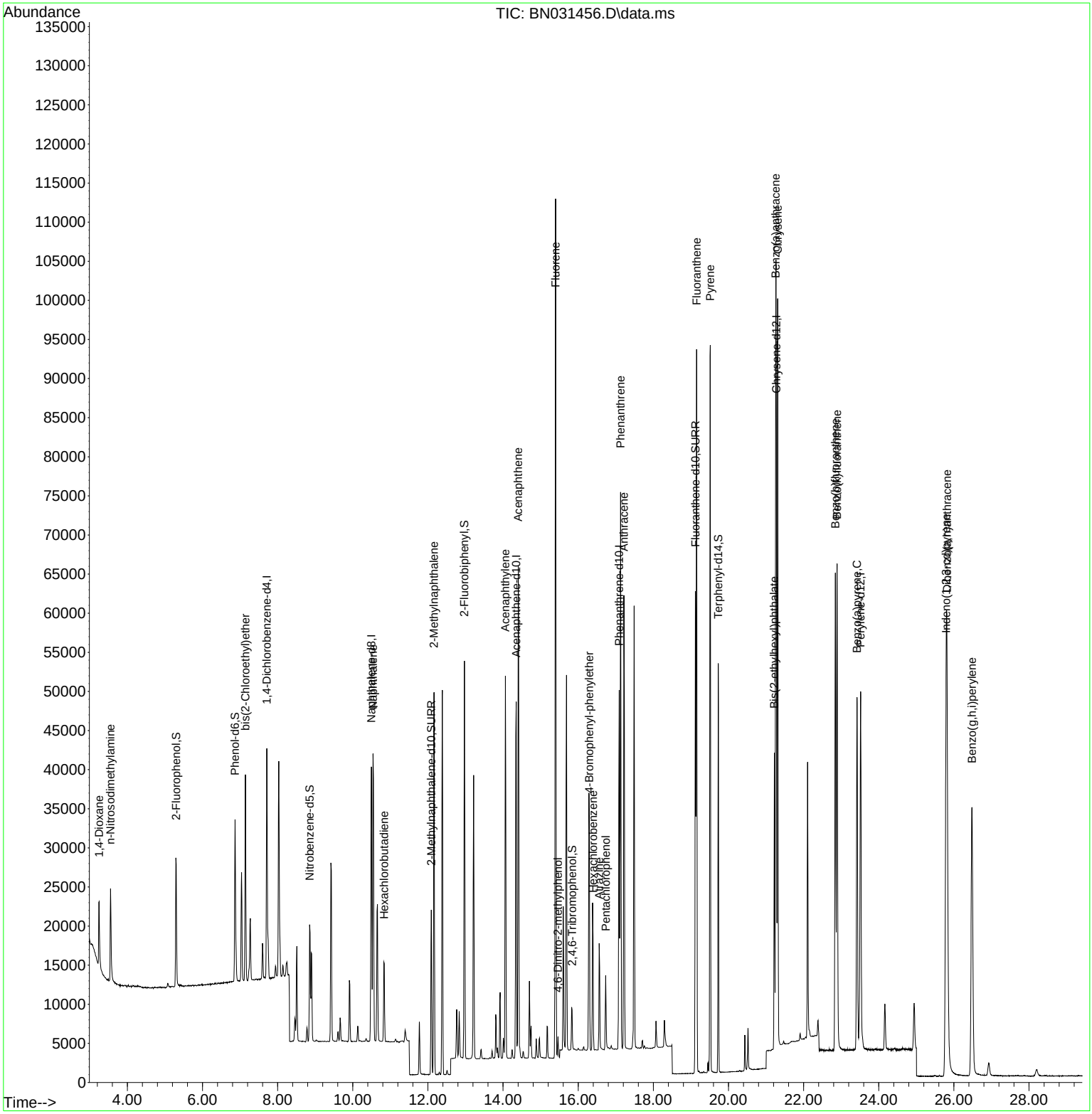
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	14289	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	46114	0.400	ng	# 0.00
13) Acenaphthene-d10	14.349	164	27534	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	61999	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	51910	0.400	ng	0.00
35) Perylene-d12	23.516	264	59079	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	14835	0.366	ng	0.00
5) Phenol-d6	6.866	99	19783	0.362	ng	0.00
8) Nitrobenzene-d5	8.852	82	12716	0.384	ng	-0.01
11) 2-Methylnaphthalene-d10	12.089	152	28393	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	3465	0.332	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	42842	0.404	ng	-0.01
27) Fluoranthene-d10	19.119	212	64557	0.375	ng	0.00
31) Terphenyl-d14	19.728	244	48148	0.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	6786	0.386	ng	# 87
3) n-Nitrosodimethylamine	3.551	42	6968	0.401	ng	# 94
6) bis(2-Chloroethyl)ether	7.141	93	18859	0.396	ng	98
9) Naphthalene	10.539	128	50465	0.394	ng	97
10) Hexachlorobutadiene	10.838	225	8905	0.396	ng	# 100
12) 2-Methylnaphthalene	12.160	142	33874	0.388	ng	99
16) Acenaphthylene	14.060	152	52180	0.377	ng	100
17) Acenaphthene	14.403	154	33715	0.390	ng	99
18) Fluorene	15.397	166	44044	0.390	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1840	0.363	ng	# 62
21) 4-Bromophenyl-phenylether	16.296	248	14300	0.394	ng	# 90
22) Hexachlorobenzene	16.396	284	15041	0.411	ng	99
23) Atrazine	16.557	200	11291	0.343	ng	# 91
24) Pentachlorophenol	16.731	266	4506	0.348	ng	99
25) Phenanthrene	17.128	178	68486	0.395	ng	100
26) Anthracene	17.215	178	64507	0.376	ng	100
28) Fluoranthene	19.151	202	81420	0.386	ng	100
30) Pyrene	19.514	202	85024	0.405	ng	100
32) Benzo(a)anthracene	21.256	228	74609	0.373	ng	100
33) Chrysene	21.310	228	74841	0.392	ng	100
34) Bis(2-ethylhexyl)phtha...	21.220	149	32733	0.279	ng	99
36) Indeno(1,2,3-cd)pyrene	25.791	276	85124	0.362	ng	99
37) Benzo(b)fluoranthene	22.844	252	76915	0.363	ng	98
38) Benzo(k)fluoranthene	22.891	252	78140	0.389	ng	99
39) Benzo(a)pyrene	23.420	252	64147	0.348	ng	98
40) Dibenzo(a,h)anthracene	25.814	278	69617	0.373	ng	99
41) Benzo(g,h,i)perylene	26.481	276	73715	0.367	ng	98

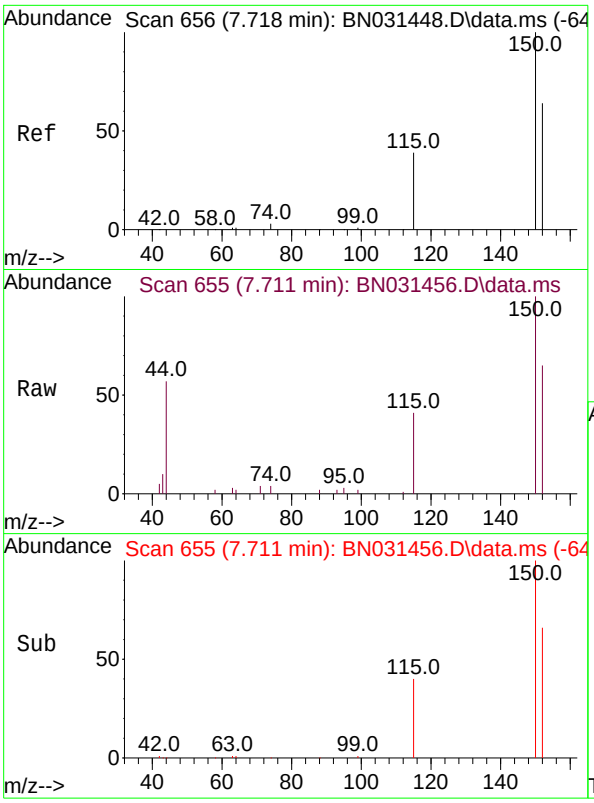
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031456.D
Acq On : 10 May 2024 08:47
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 10 10:44:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration



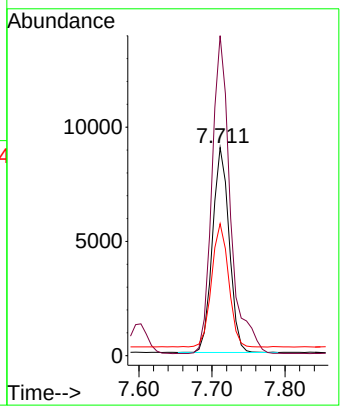


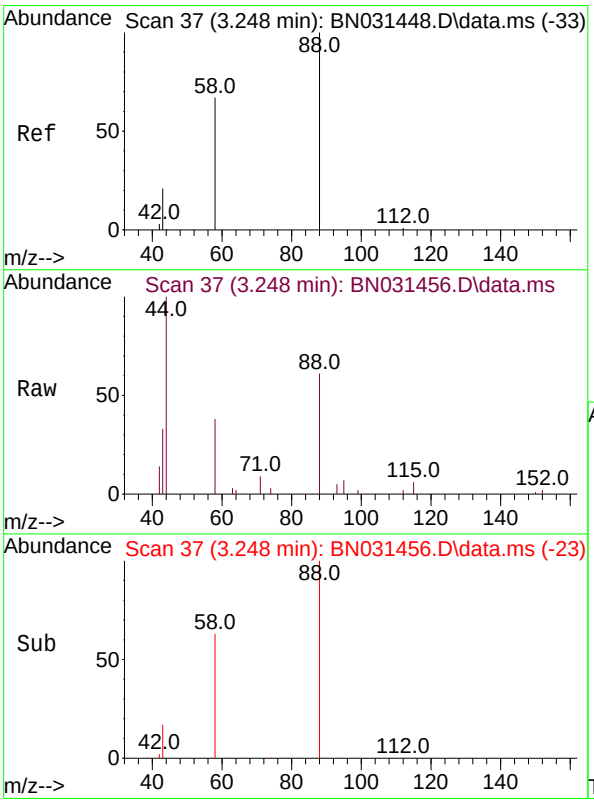
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14289

Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.3	178.9
115	63.5	54.8	82.2

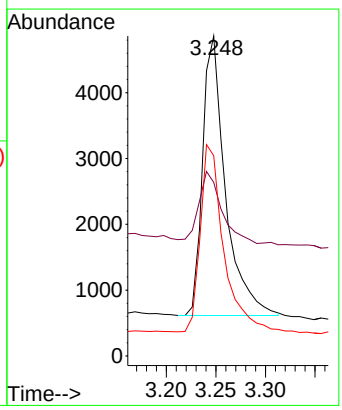


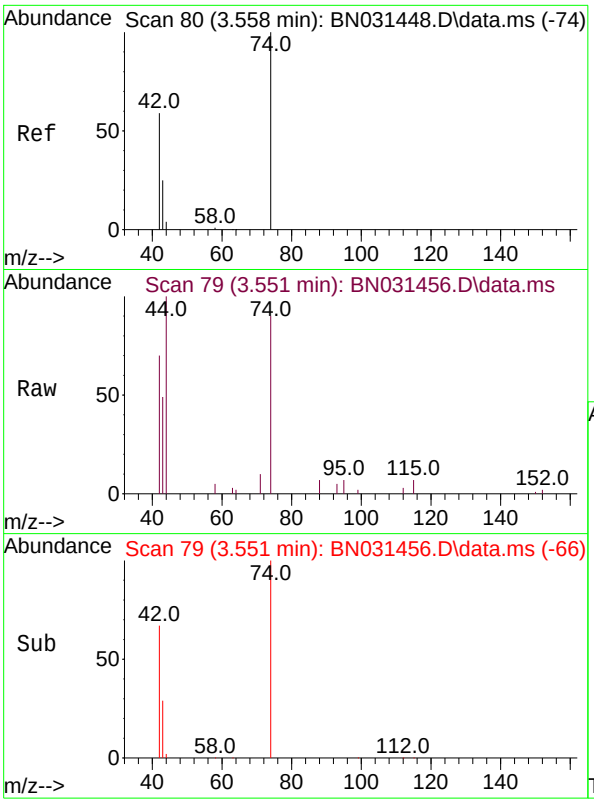


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion: 88 Resp: 6786

Ion	Ratio	Lower	Upper
88	100		
43	27.8	39.0	58.6#
58	68.9	54.9	82.3



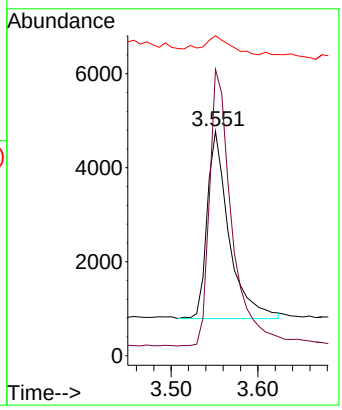


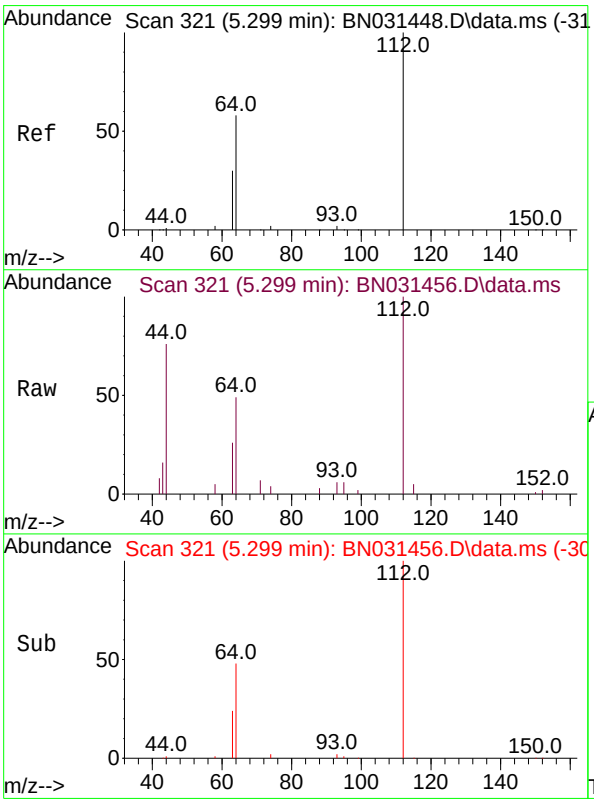
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.551 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 6968

Ion	Ratio	Lower	Upper
42	100		
74	150.4	126.4	189.6
44	13.0	6.9	10.3#

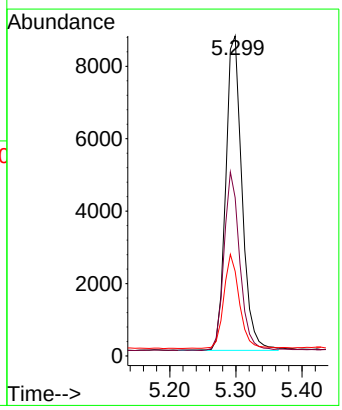


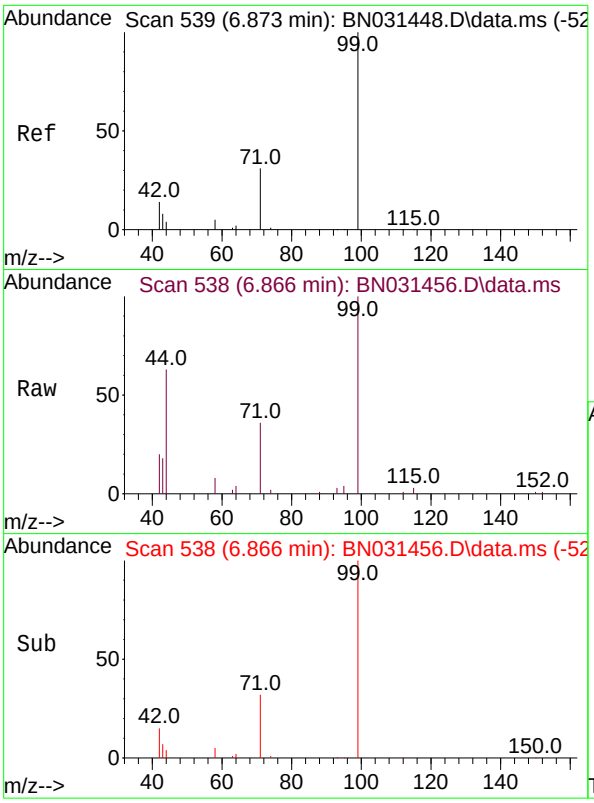


#4
2-Fluorophenol
Concen: 0.366 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:112 Resp: 14835

Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.0	66.0
63	28.7	22.2	33.4



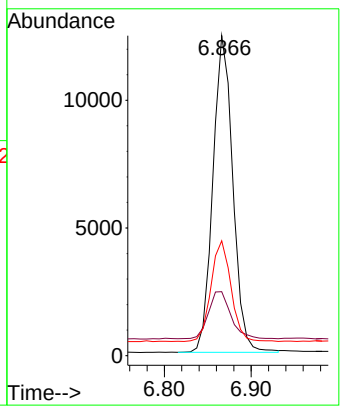


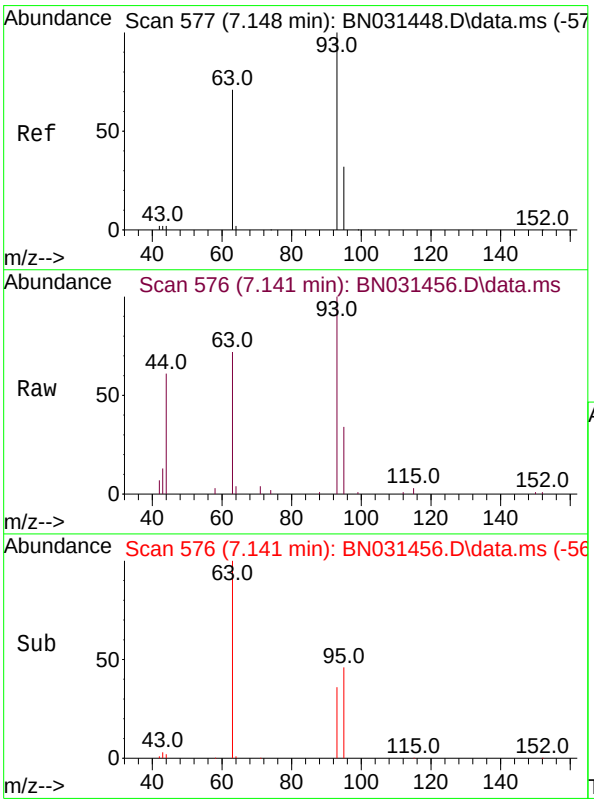
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.866 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 19783

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	31.9	26.1	39.1

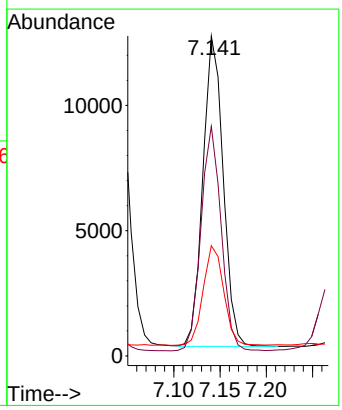


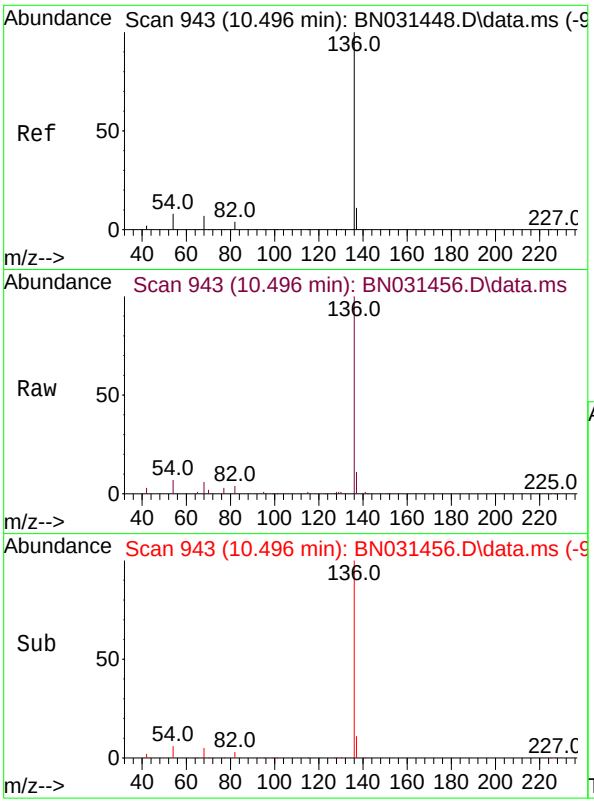


#6
bis(2-Chloroethyl)ether
Concen: 0.396 ng
RT: 7.141 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion: 93 Resp: 18859

Ion	Ratio	Lower	Upper
93	100		
63	72.2	56.6	85.0
95	32.6	27.3	40.9



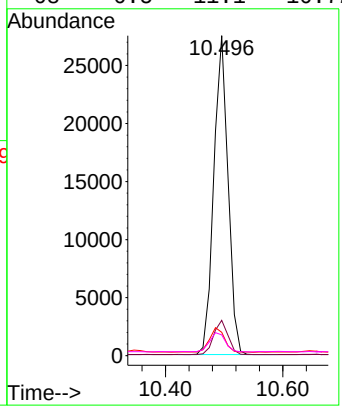


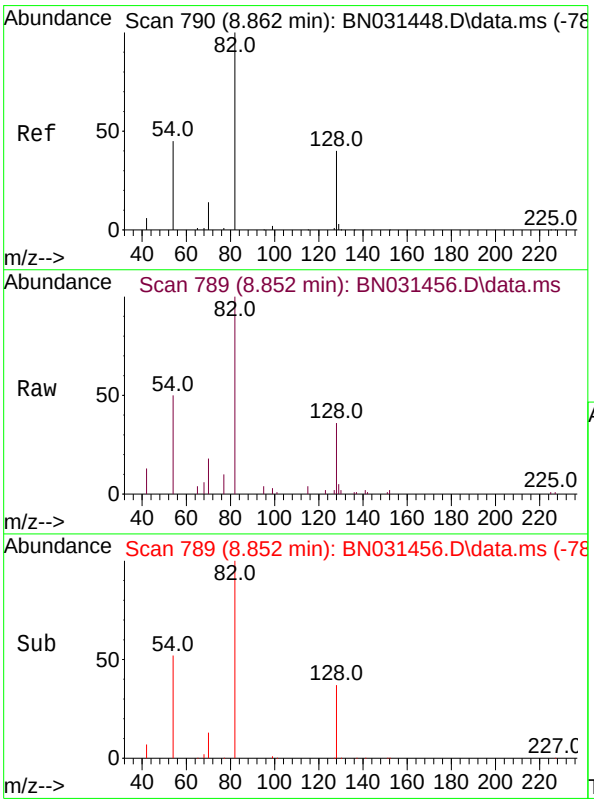
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 46114

Ion	Ratio	Lower	Upper
136	100		
137	11.0	10.1	15.1
54	7.3	10.5	15.7#
68	6.5	11.1	16.7#

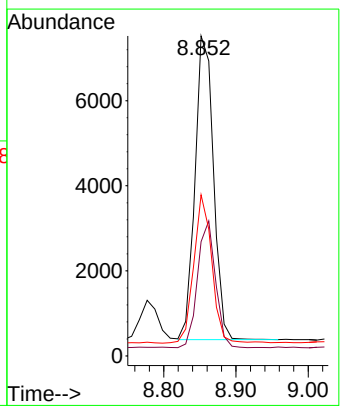


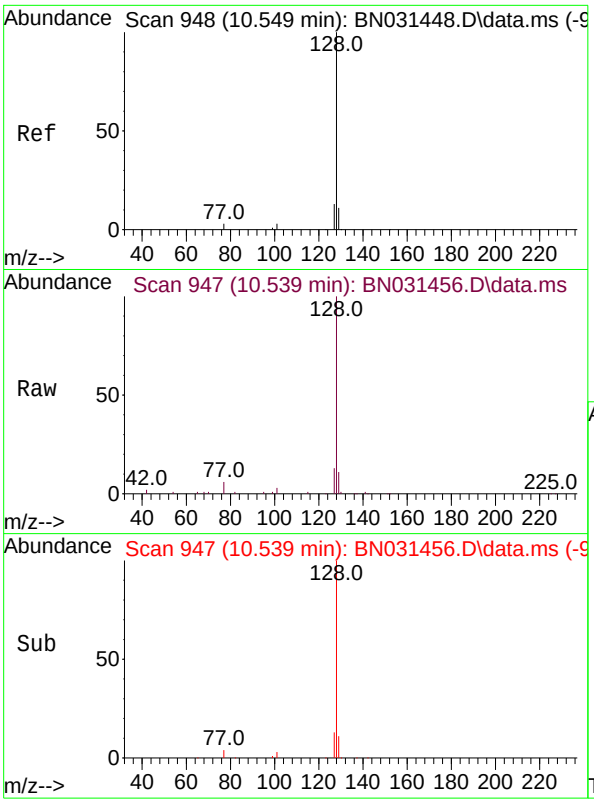


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.852 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion: 82 Resp: 12716

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.0	43.6
54	50.3	37.2	55.8



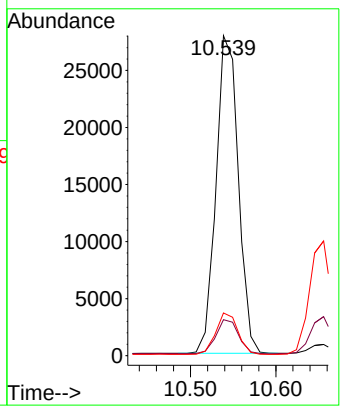


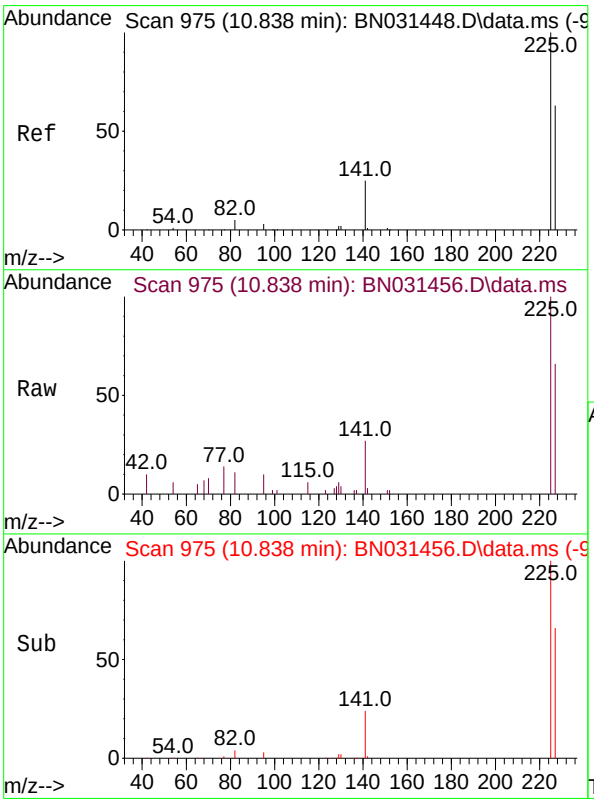
#9
Naphthalene
Concen: 0.394 ng
RT: 10.539 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 50465

Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.2	15.4
127	13.3	11.7	17.5

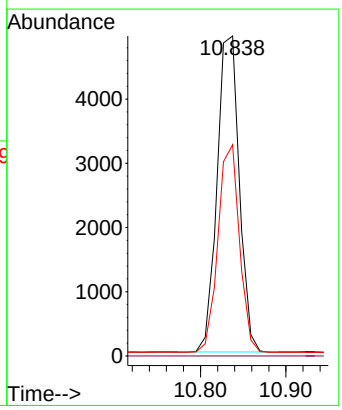


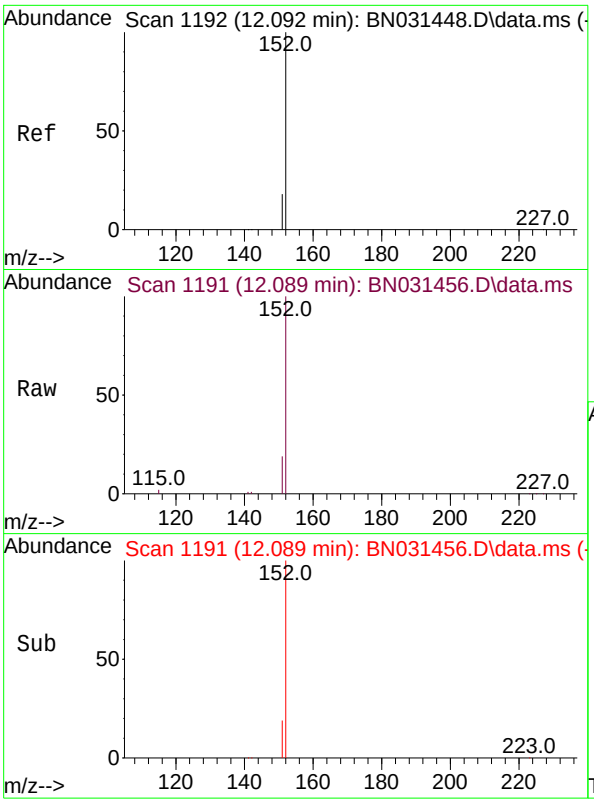


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.838 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:225 Resp: 8905

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.7	76.1



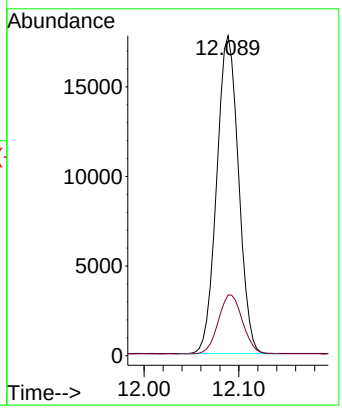


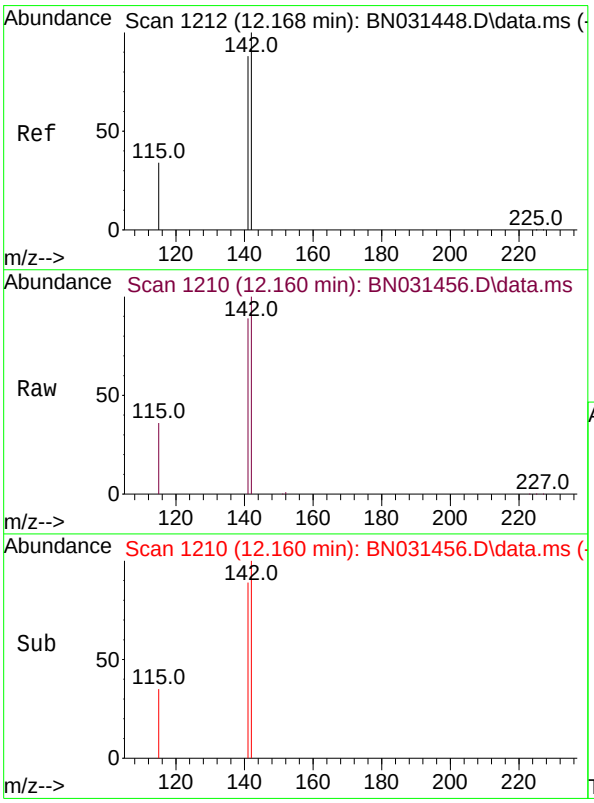
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.089 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 28393

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0

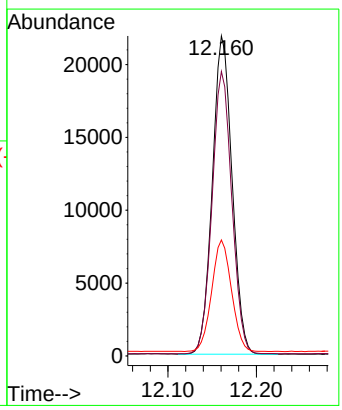


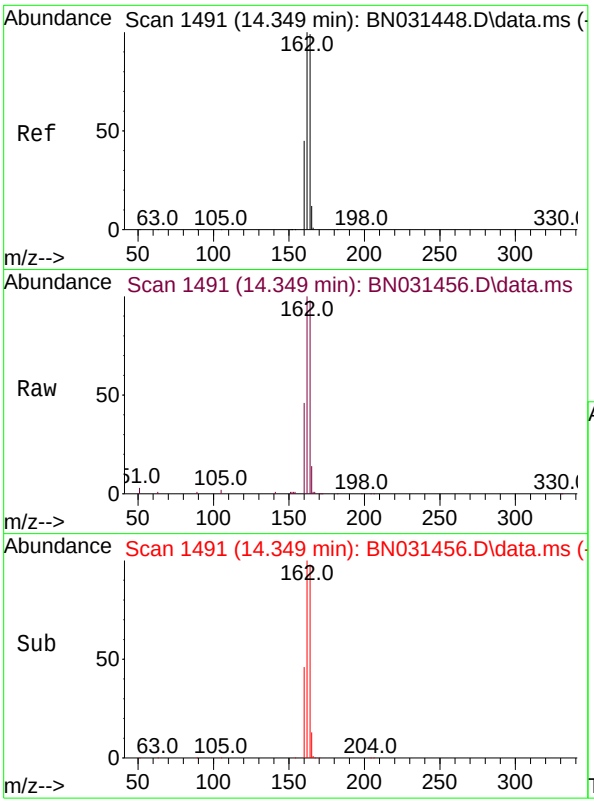


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.160 min Scan# 1210
Delta R.T. -0.008 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:142 Resp: 33874

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	36.3	30.2	45.2



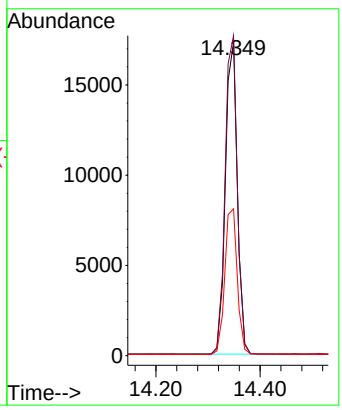


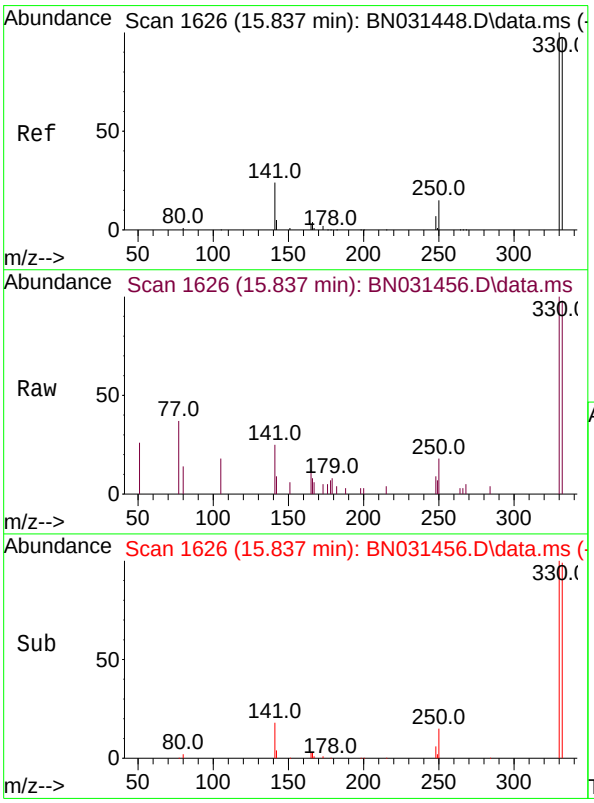
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.349 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 27534

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	46.8	37.0	55.6

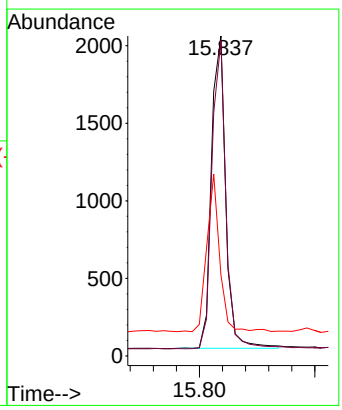


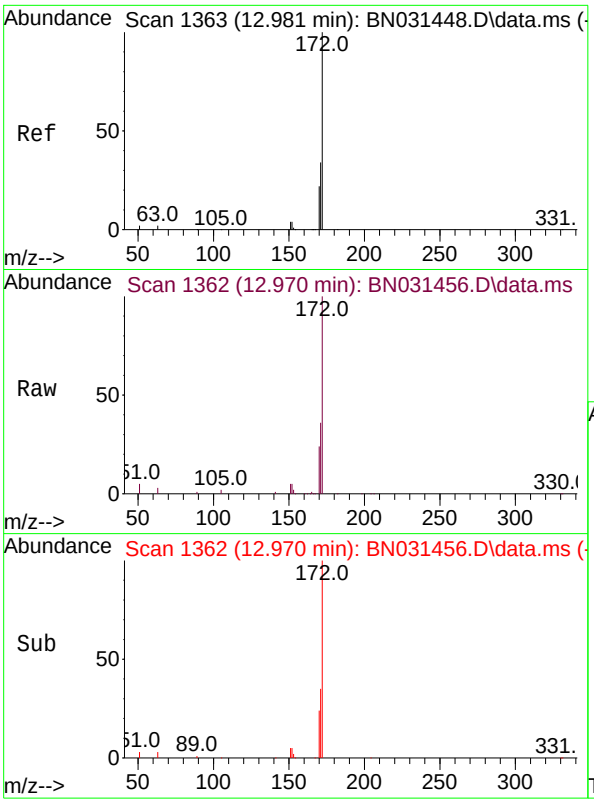


#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:330 Resp: 3465

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	45.1	37.0	55.4



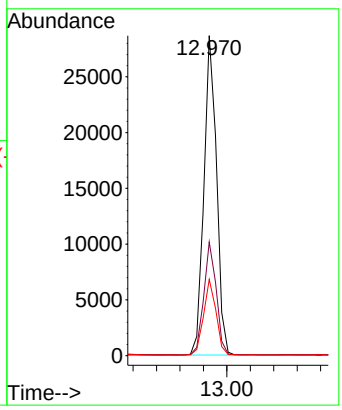


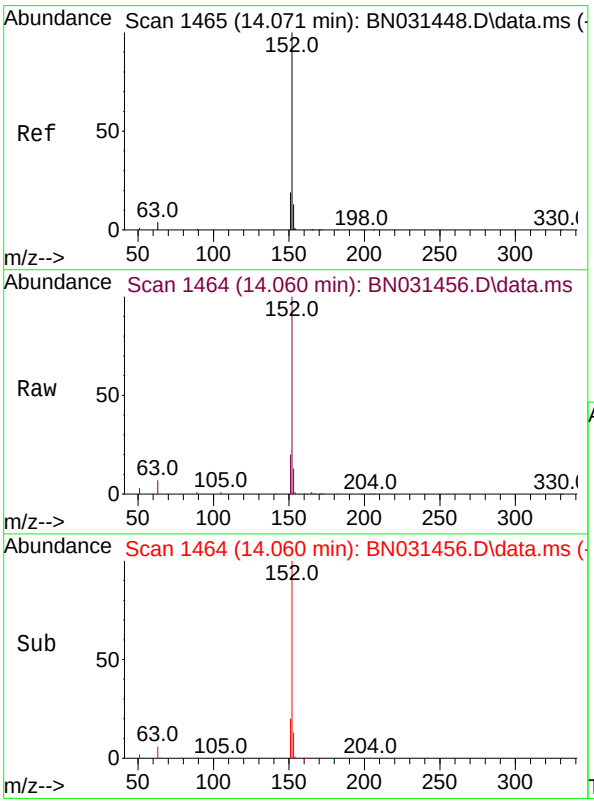
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 42842

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.8
170	23.9	18.3	27.5

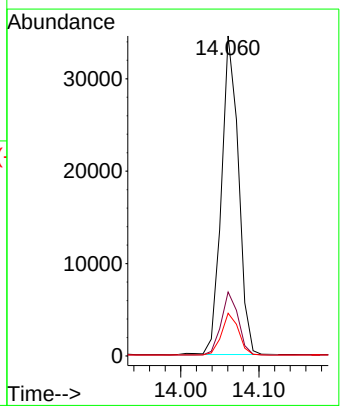


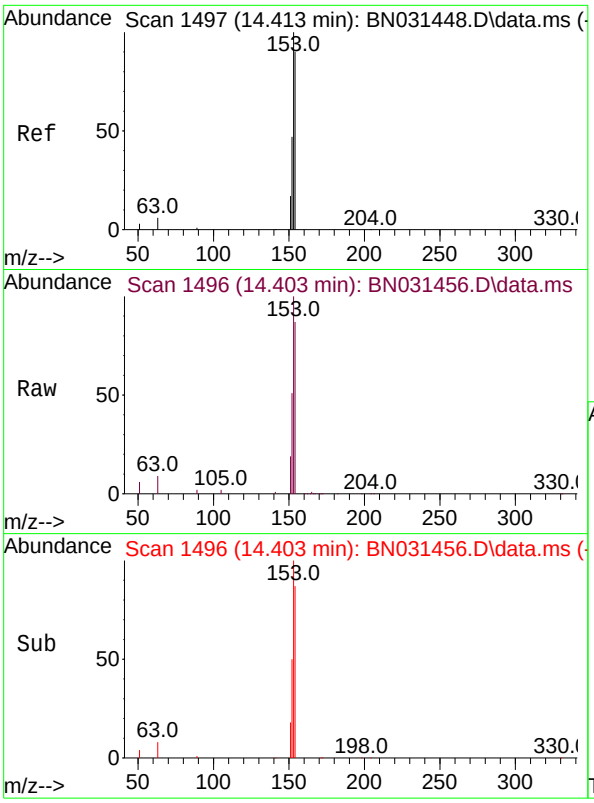


#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.060 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:152 Resp: 52180

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7



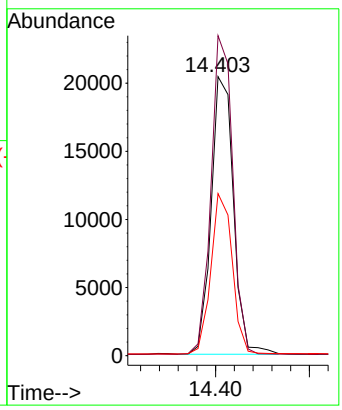


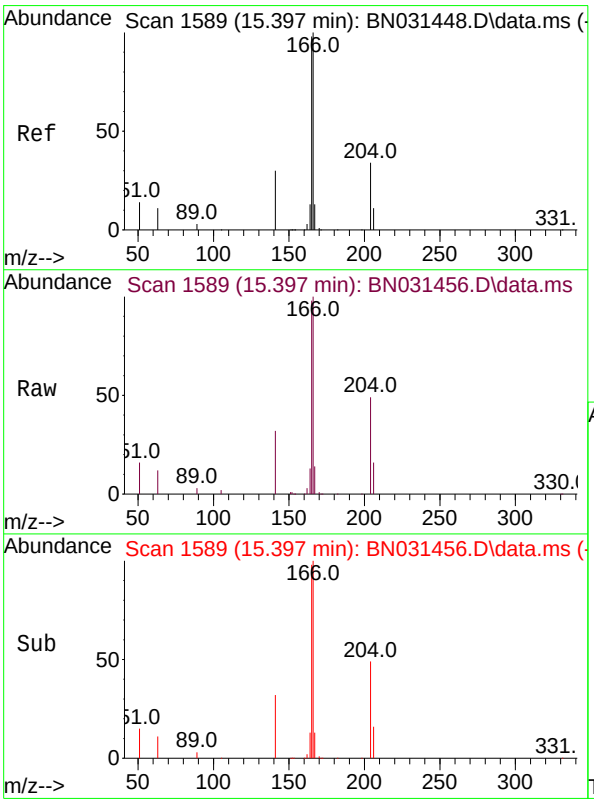
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.403 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 33715

Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.1	133.7
152	55.3	42.6	64.0

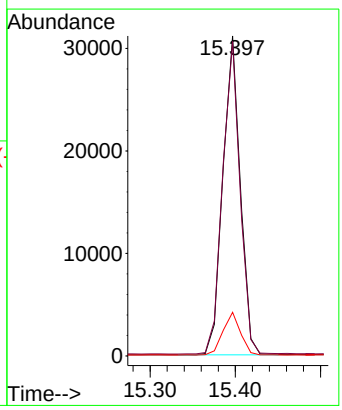


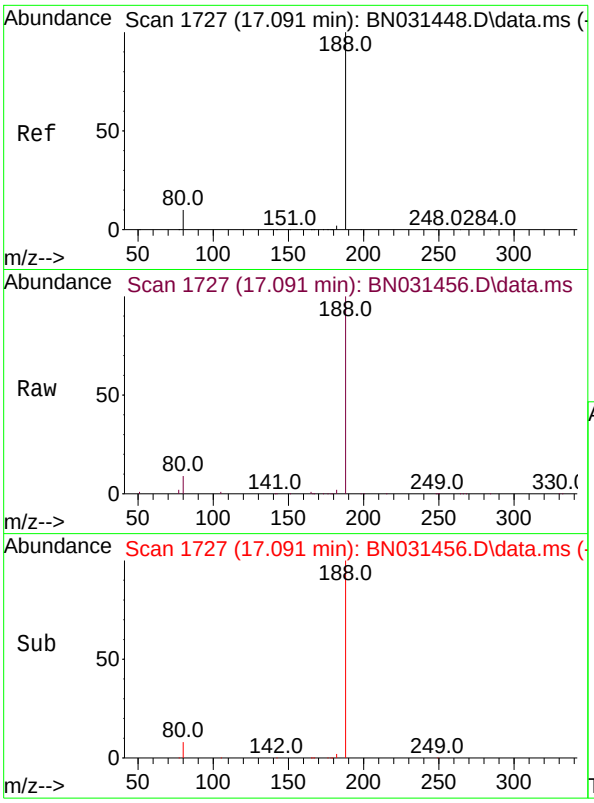


#18
Fluorene
Concen: 0.390 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:166 Resp: 44044

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.2
167	13.5	10.8	16.2



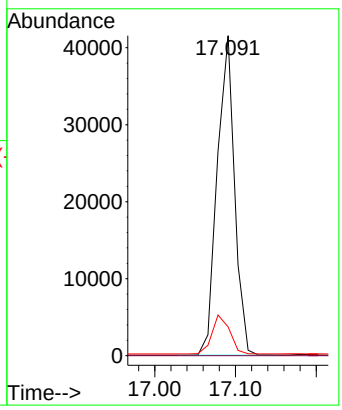


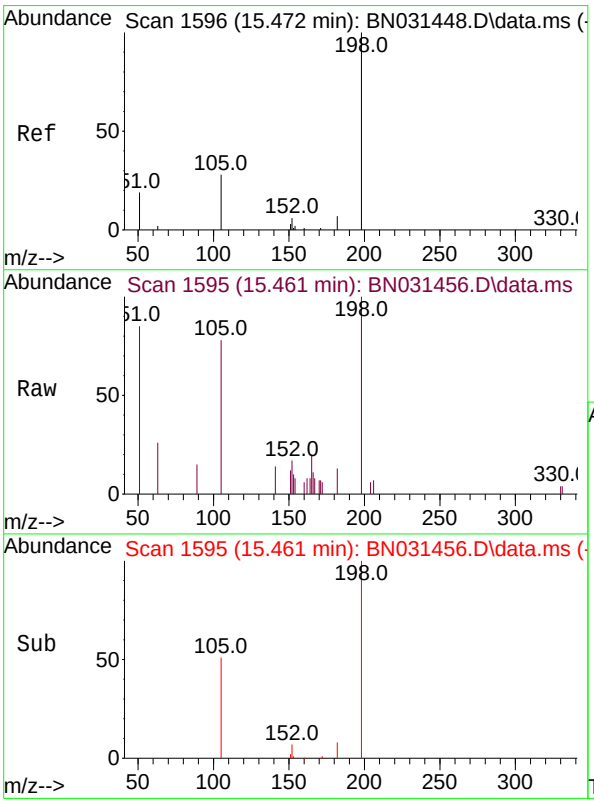
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 61999

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	9.6	14.4#

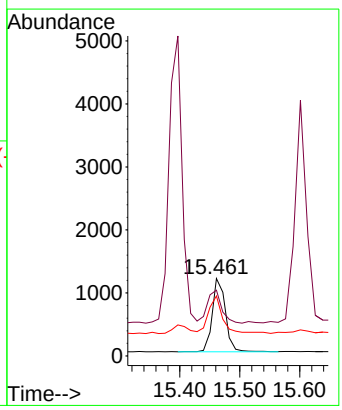


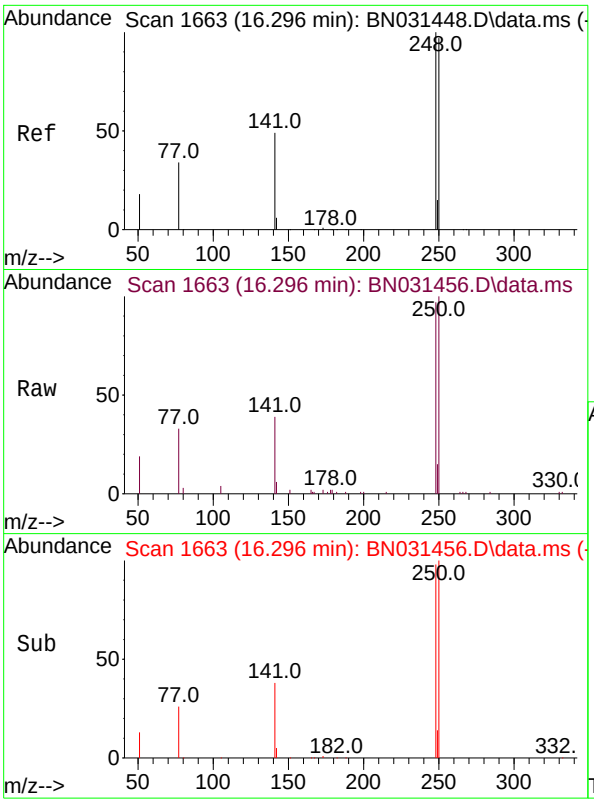


#20
4,6-Dinitro-2-methylphenol
Concen: 0.363 ng
RT: 15.461 min Scan# 1595
Delta R.T. -0.011 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:198 Resp: 1840

Ion	Ratio	Lower	Upper
198	100		
51	85.0	78.3	117.5
105	77.5	117.2	175.8#



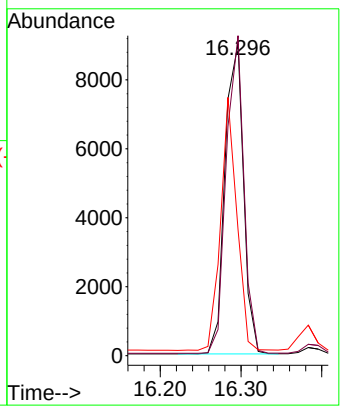


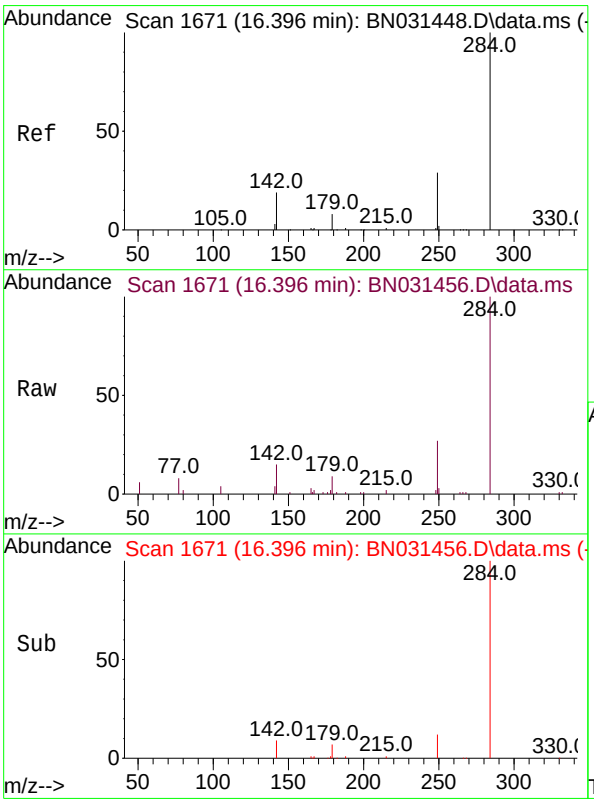
#21
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.296 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 14300

Ion	Ratio	Lower	Upper
248	100		
250	102.6	77.9	116.9
141	40.4	43.4	65.2#

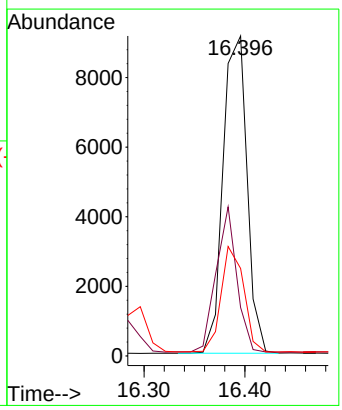


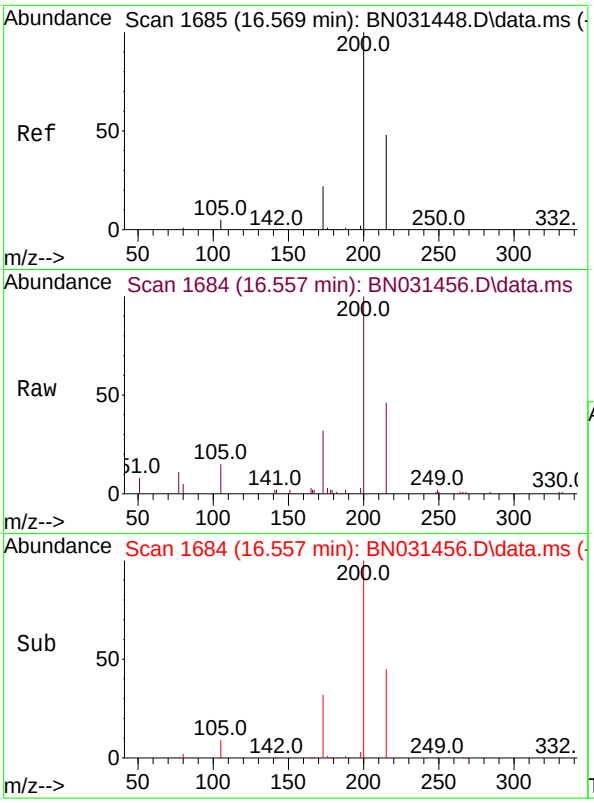


#22
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.396 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:284 Resp: 15041

Ion	Ratio	Lower	Upper
284	100		
142	39.4	31.0	46.6
249	31.5	25.5	38.3



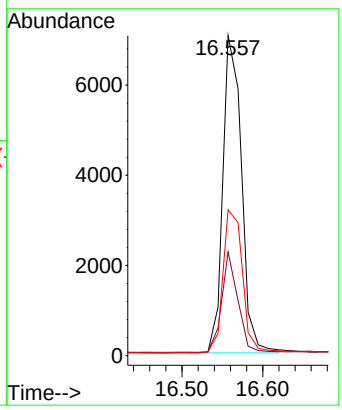


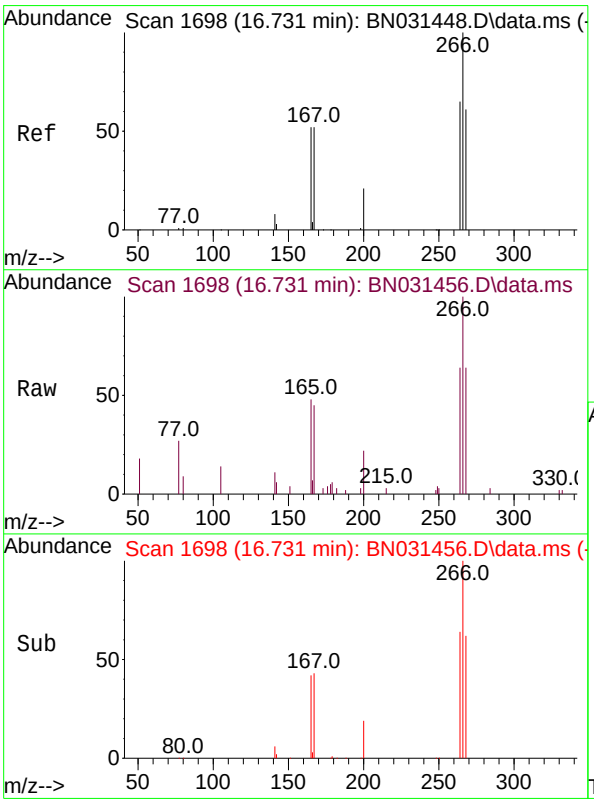
#23
Atrazine
Concen: 0.343 ng
RT: 16.557 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 11291

Ion	Ratio	Lower	Upper
200	100		
173	32.4	19.6	29.4#
215	45.6	39.8	59.8

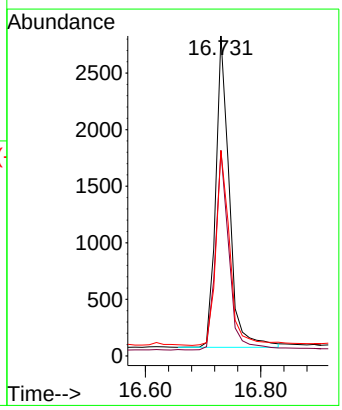


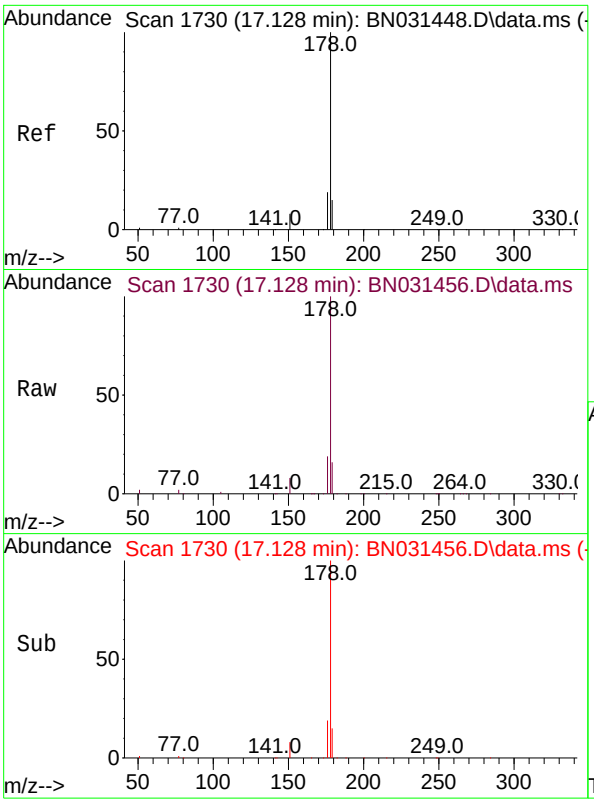


#24
Pentachlorophenol
Concen: 0.348 ng
RT: 16.731 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:266 Resp: 4506

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	75.8
268	62.7	49.0	73.4



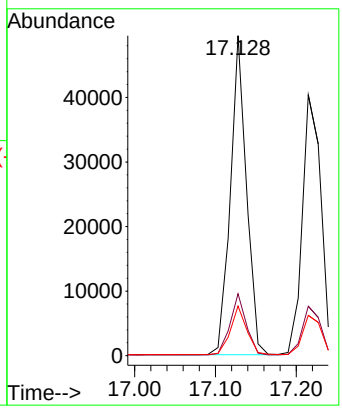


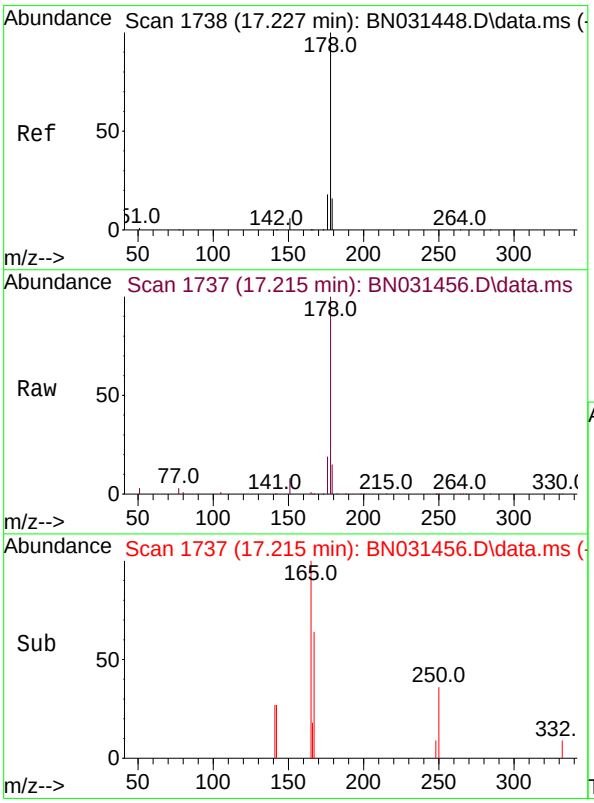
#25
Phenanthrene
Concen: 0.395 ng
RT: 17.128 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 68486

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.3	18.5

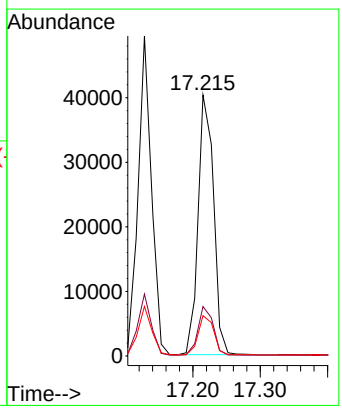


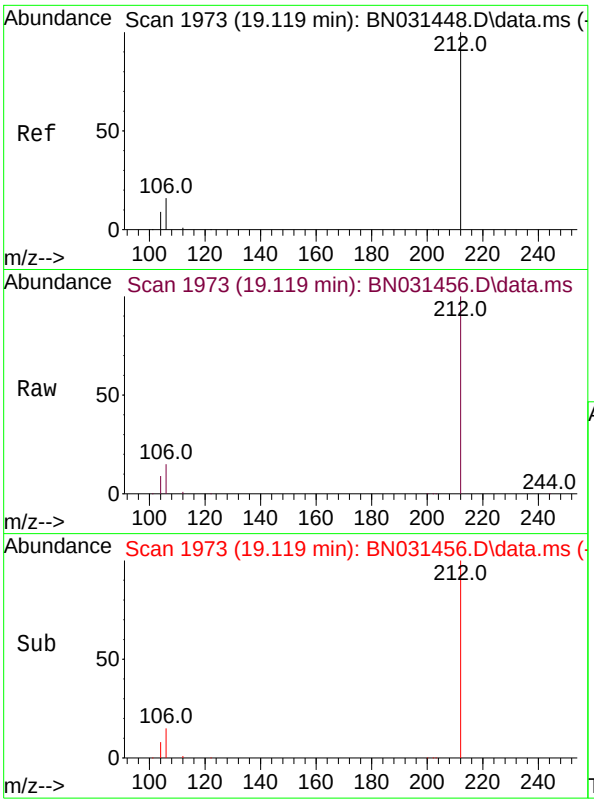


#26
Anthracene
Concen: 0.376 ng
RT: 17.215 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:178 Resp: 64507

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.3	12.4	18.6



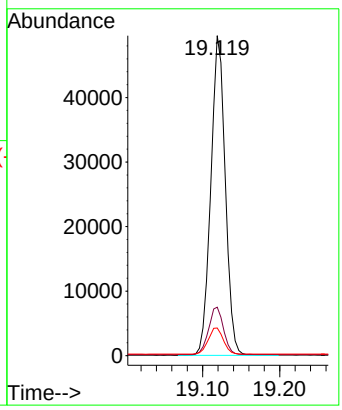


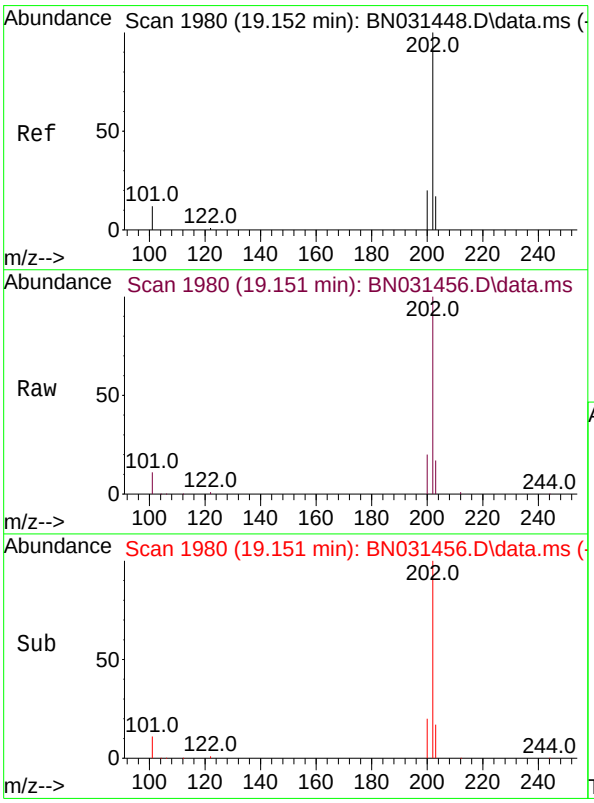
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.119 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 64557

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.0	18.0
104	8.5	6.9	10.3

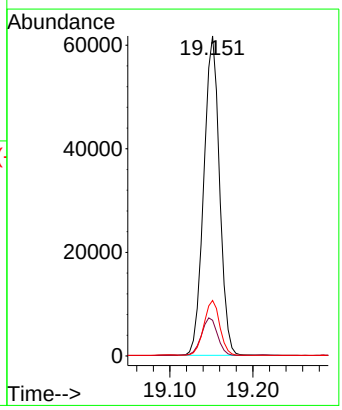


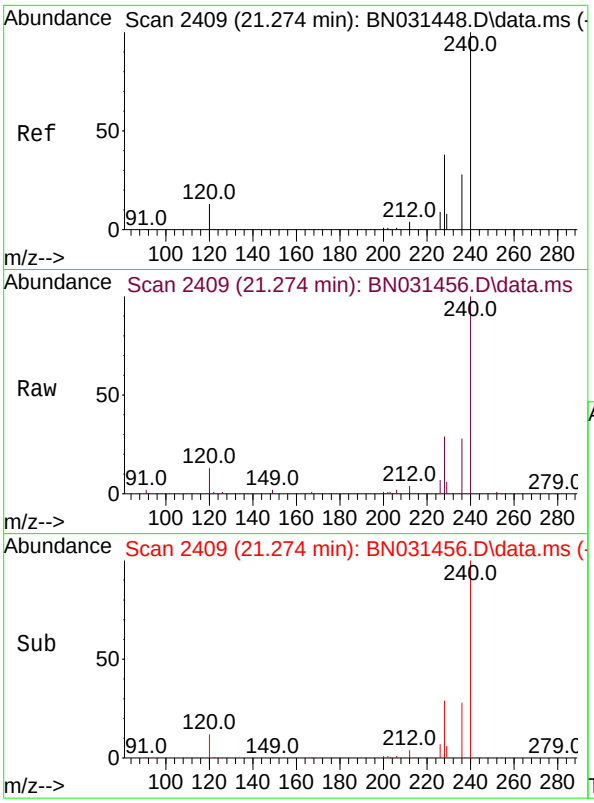


#28
Fluoranthene
Concen: 0.386 ng
RT: 19.151 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:202 Resp: 81420

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
203	17.3	13.8	20.8



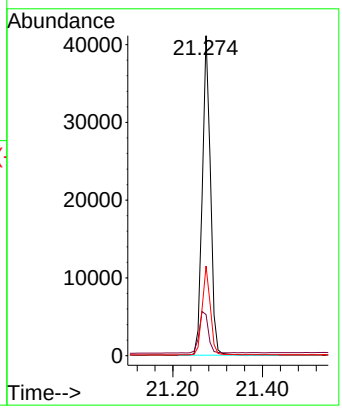


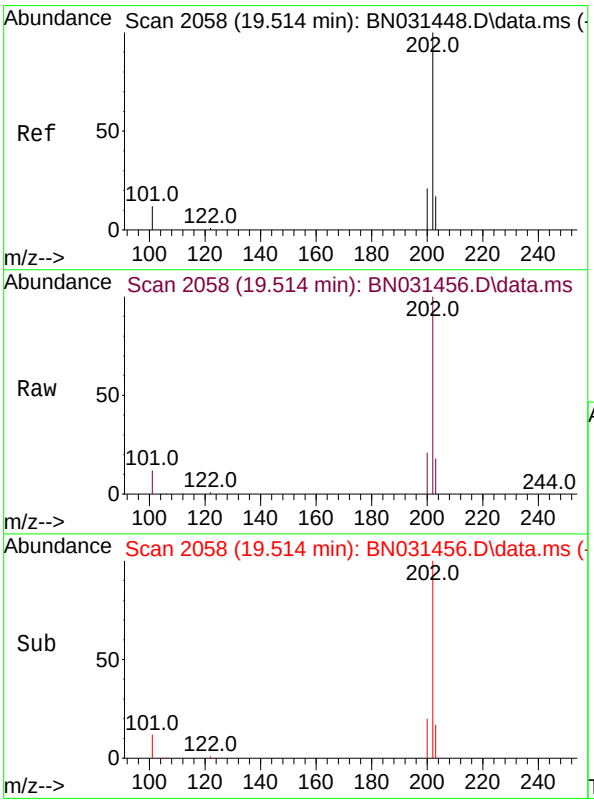
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 51910

Ion	Ratio	Lower	Upper
240	100		
120	12.9	11.4	17.2
236	28.0	22.2	33.4

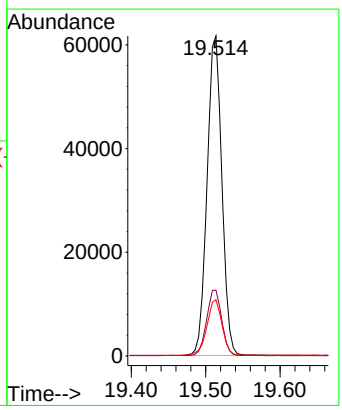


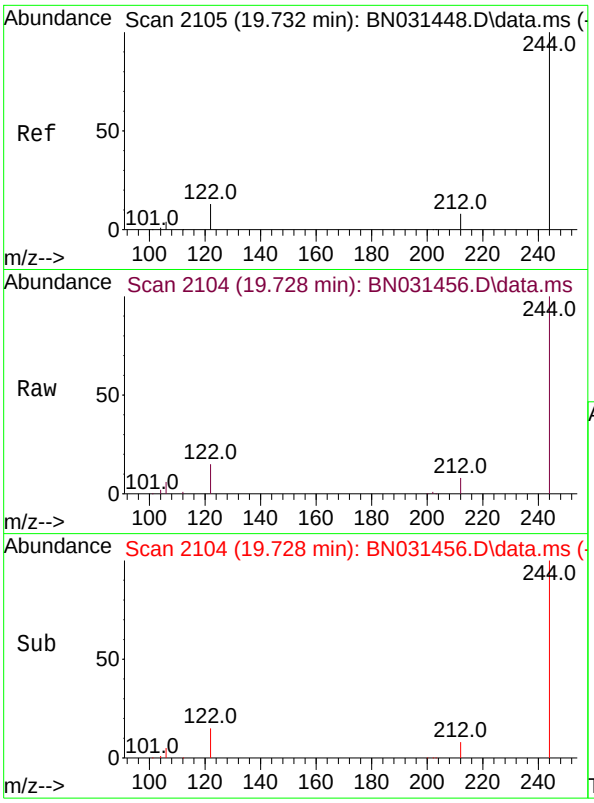


#30
Pyrene
Concen: 0.405 ng
RT: 19.514 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:202 Resp: 85024

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.8	14.3	21.5



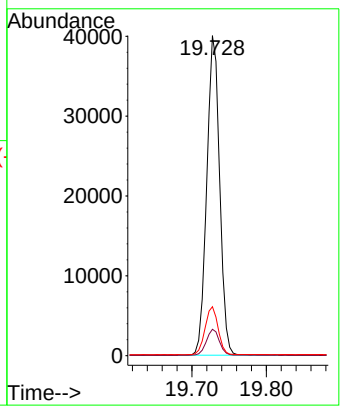


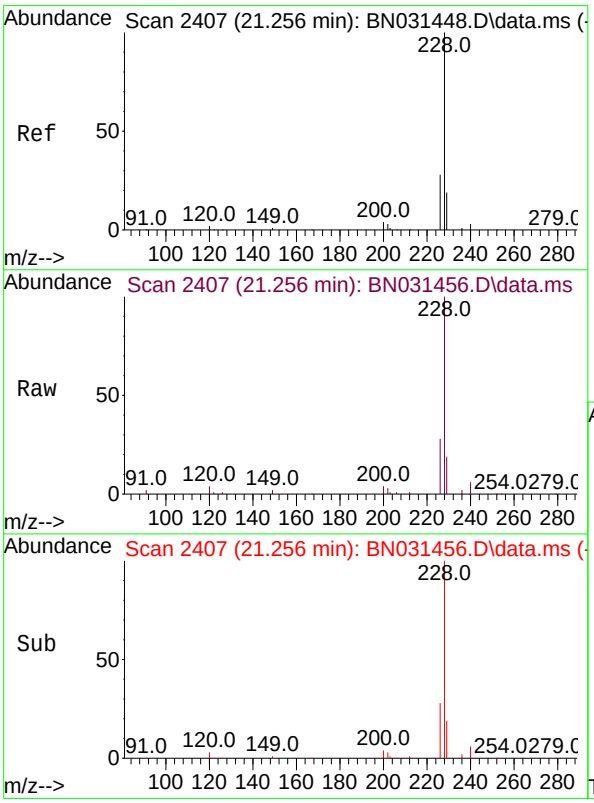
#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.728 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 48148

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	15.3	11.4	17.2

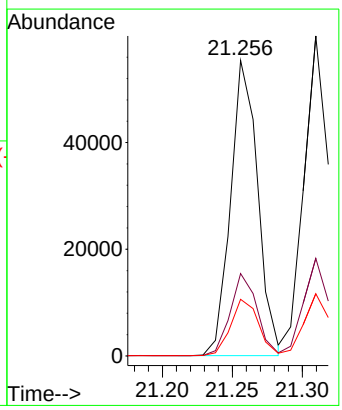


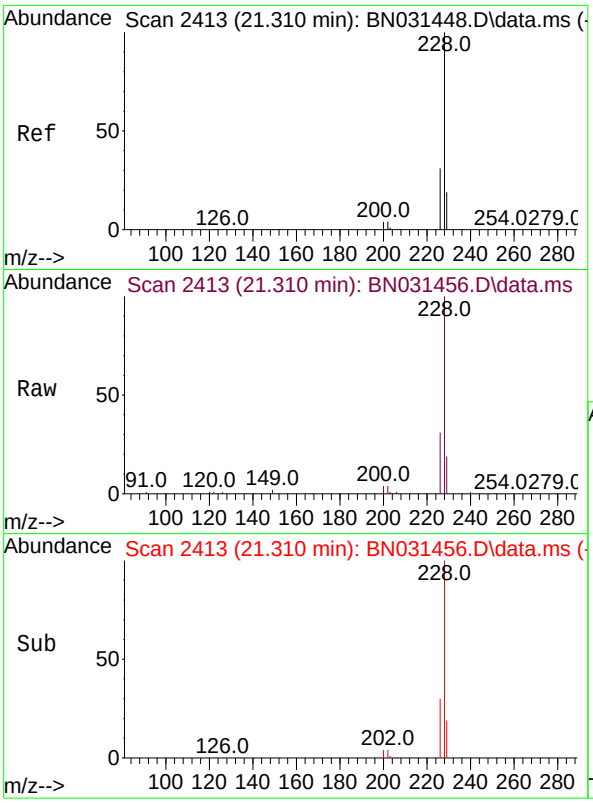


#32
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:228 Resp: 74609

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	19.2	15.5	23.3



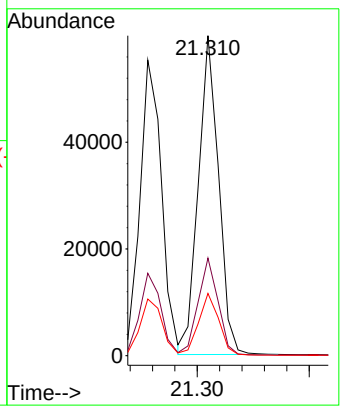


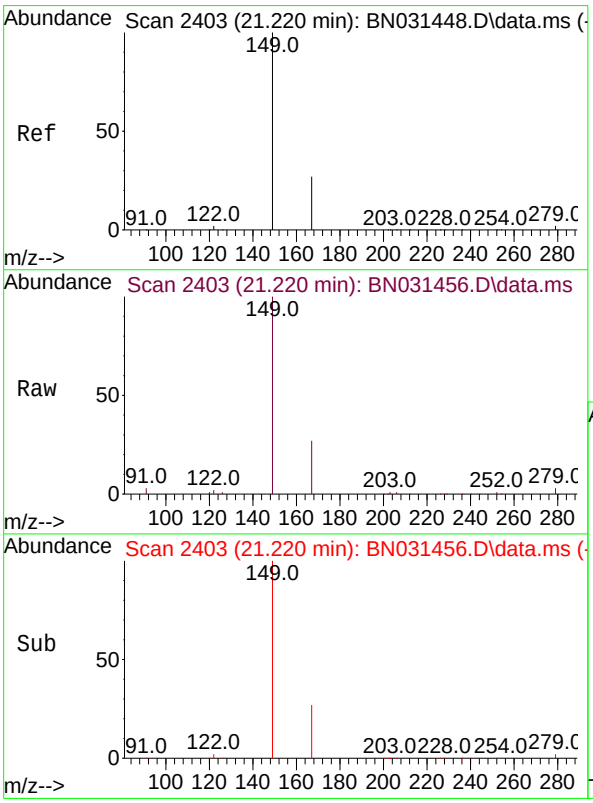
#33
Chrysene
Concen: 0.392 ng
RT: 21.310 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 74841

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	19.5	15.8	23.8

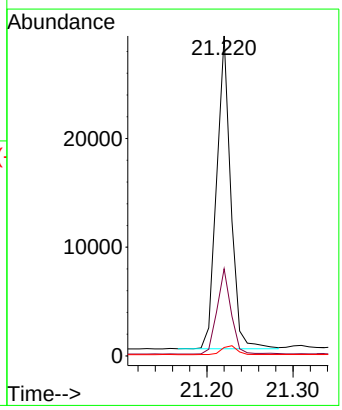


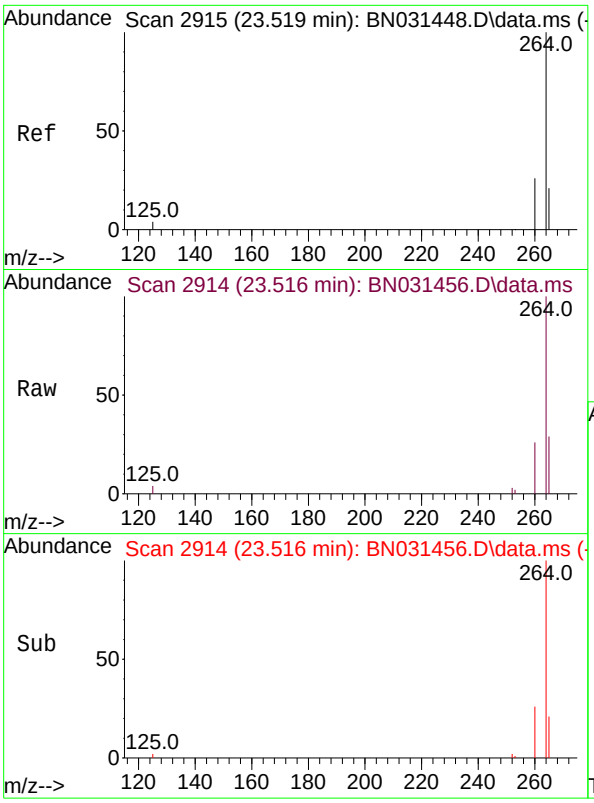


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.279 ng
RT: 21.220 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:149 Resp: 32733

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.1	33.1
279	3.2	2.7	4.1



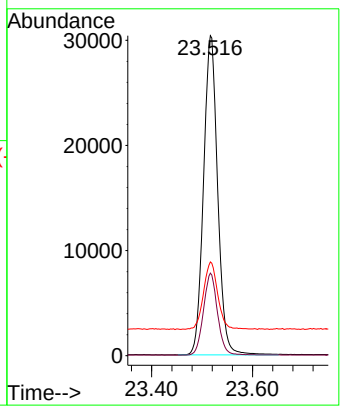


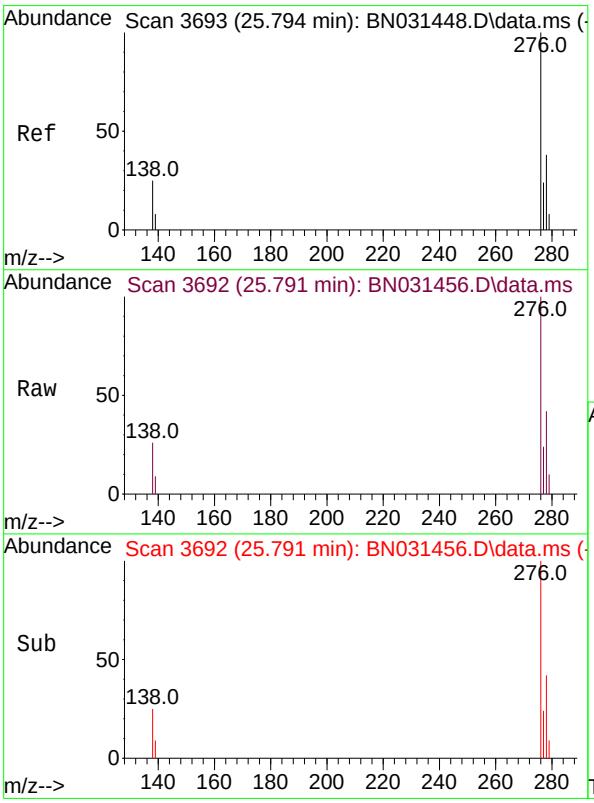
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 59079

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	31.0
265	29.3	24.0	36.0

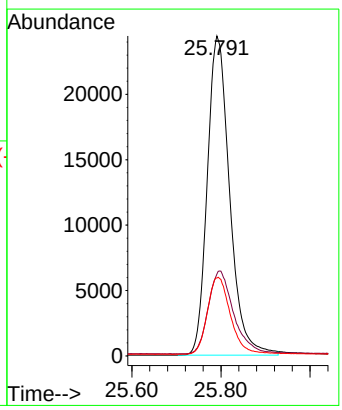


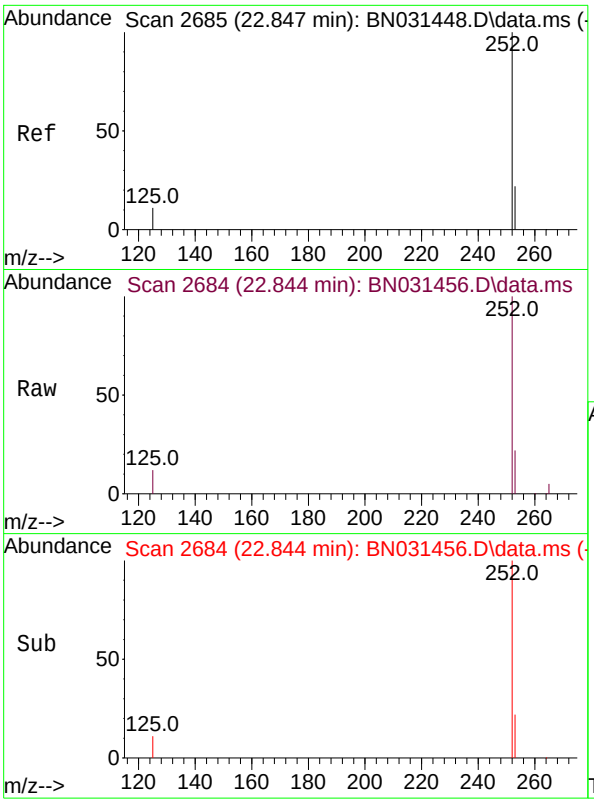


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.362 ng
RT: 25.791 min Scan# 3692
Delta R.T. -0.003 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:276 Resp: 85124

Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.0	34.6
277	24.9	19.9	29.9



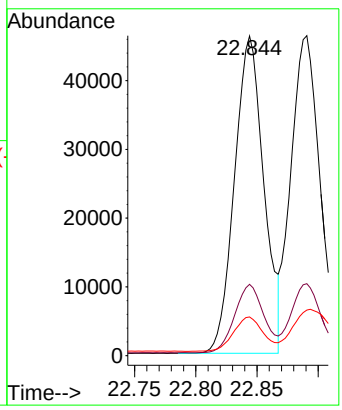


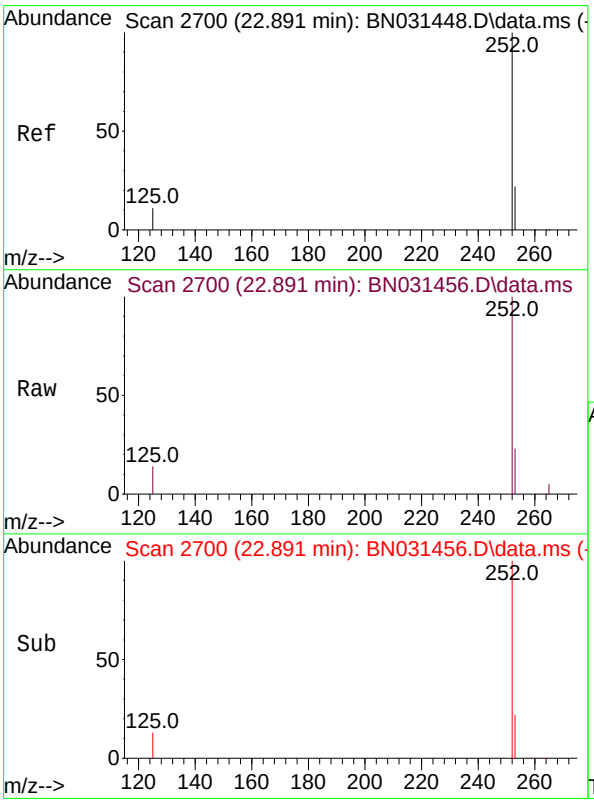
#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.844 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 76915

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.1	10.5	15.7

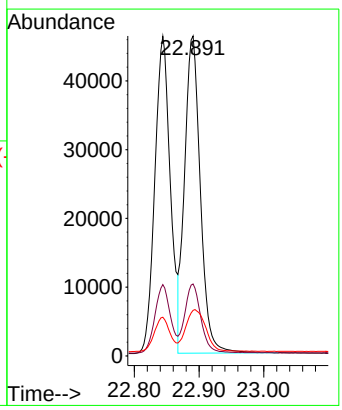


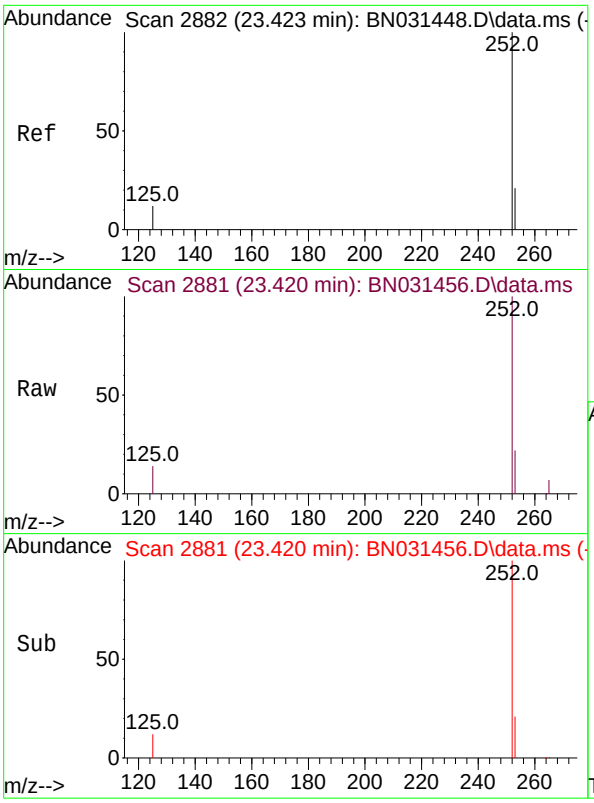


#38
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 22.891 min Scan# 2700
Delta R.T. -0.000 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:252 Resp: 78140

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	14.3	11.0	16.6



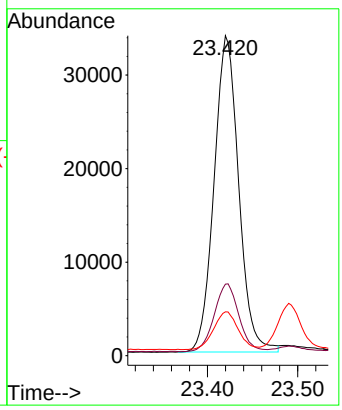


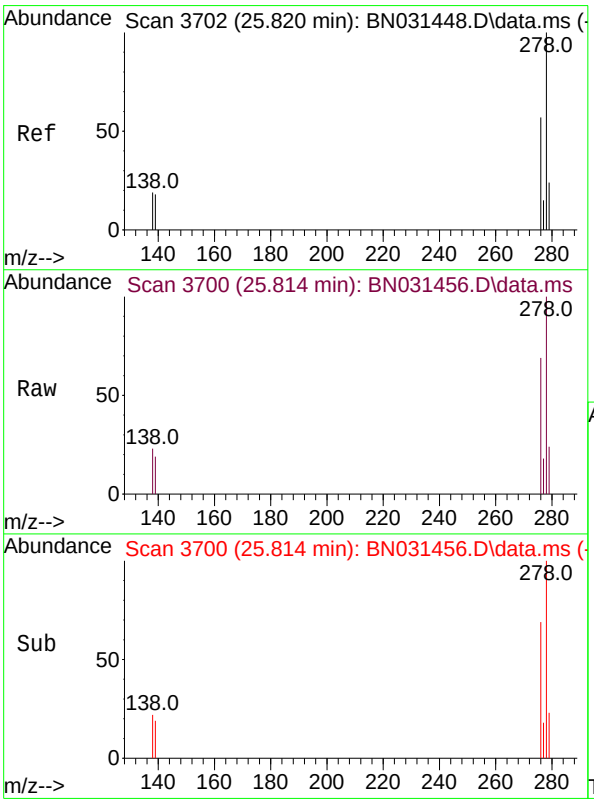
#39
Benzo(a)pyrene
Concen: 0.348 ng
RT: 23.420 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 64147

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	13.7	11.9	17.9

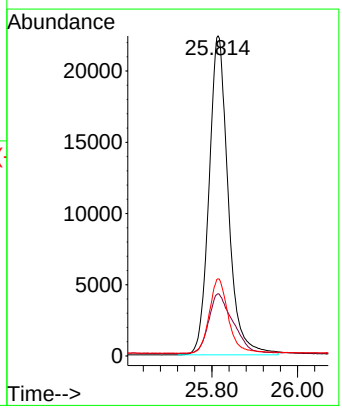


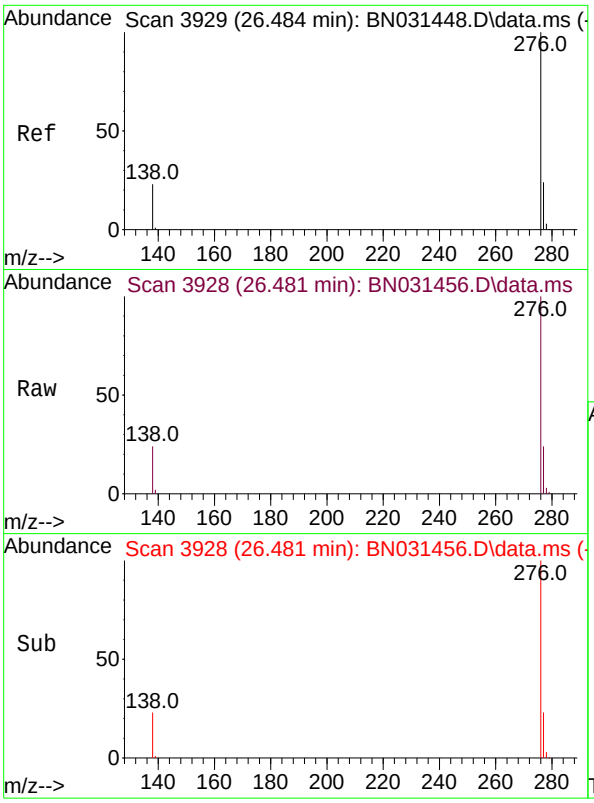


#40
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 25.814 min Scan# 3700
Delta R.T. -0.006 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Tgt Ion:278 Resp: 69617

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.9	23.9
279	24.1	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 26.481 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN031456.D
Acq: 10 May 2024 08:47

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 73715

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	24.1	20.4	30.6