Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
Data File : BN014806.D
Acq On : 28 May 2021 16:29
Operator : CG/JU
Sample : PB136377BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB136377BS

Quant Time: May 28 16:58:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	631	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2148	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1528	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3474	0.40	ng		0.00
29) Chrysene-d12	21.311	240	4136	0.40	ng		#-0.01
35) Perylene-d12	23.579	264	4323	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	657	0.39	ng		0.00
5) Phenol-d6	6.895	99	827	0.36	ng		0.00
8) Nitrobenzene-d5	8.870	82	575	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.097	152	1333	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	243	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	1923	0.34	ng		-0.01
27) Fluoranthene-d10	19.151	212	3941	0.29	ng		0.00
31) Terphenyl-d14	19.756	244	3505	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	324	0.44	ng		93
3) n-Nitrosodimethylamine	3.649	42	20	0.27	ng	#	1
6) bis(2-Chloroethyl)ether	7.153	93	595	0.31	ng		97
9) Naphthalene	10.543	128	2125	0.34	ng		98
10) Hexachlorobutadiene	10.834	225	600	0.37	ng	#	99
12) 2-Methylnaphthalene	12.173	142	1401	0.31	ng		99
16) Acenaphthylene	14.080	152	1862	0.30	ng		98
17) Acenaphthene	14.422	154	1446	0.32	ng		100
18) Fluorene	15.412	166	1967	0.31	ng		96
20) 4,6-Dinitro-2-methylph...	15.513	198	62	0.23	ng		93
21) 4-Bromophenyl-phenylether	16.312	248	757	0.32	ng		93
22) Hexachlorobenzene	16.422	284	928	0.36	ng		99
23) Atrazine	16.580	200	421	0.27	ng		97
24) Pentachlorophenol	16.775	266	130	0.23	ng		88
25) Phenanthrene	17.152	178	3257	0.31	ng		99
26) Anthracene	17.250	178	2630	0.30	ng		98
28) Fluoranthene	19.186	202	4183	0.29	ng		100
30) Pyrene	19.548	202	4328	0.36	ng		99
32) Benzo(a)anthracene	21.300	228	3763	0.30	ng		100
33) Chrysene	21.353	228	5073	0.37	ng		100
34) Bis(2-ethylhexyl)phtha...	21.237	149	1026	0.29	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.858	276	5971	0.33	ng		98
37) Benzo(b)fluoranthene	22.939	252	5545	0.35	ng		96
38) Benzo(k)fluoranthene	22.939	252	5545	0.33	ng		98
39) Benzo(a)pyrene	23.480	252	4883	0.35	ng	#	69
40) Dibenzo(a,h)anthracene	25.876	278	4793	0.32	ng		98
41) Benzo(g,h,i)perylene	26.553	276	5520	0.35	ng		97

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

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Data File : BN014806.D
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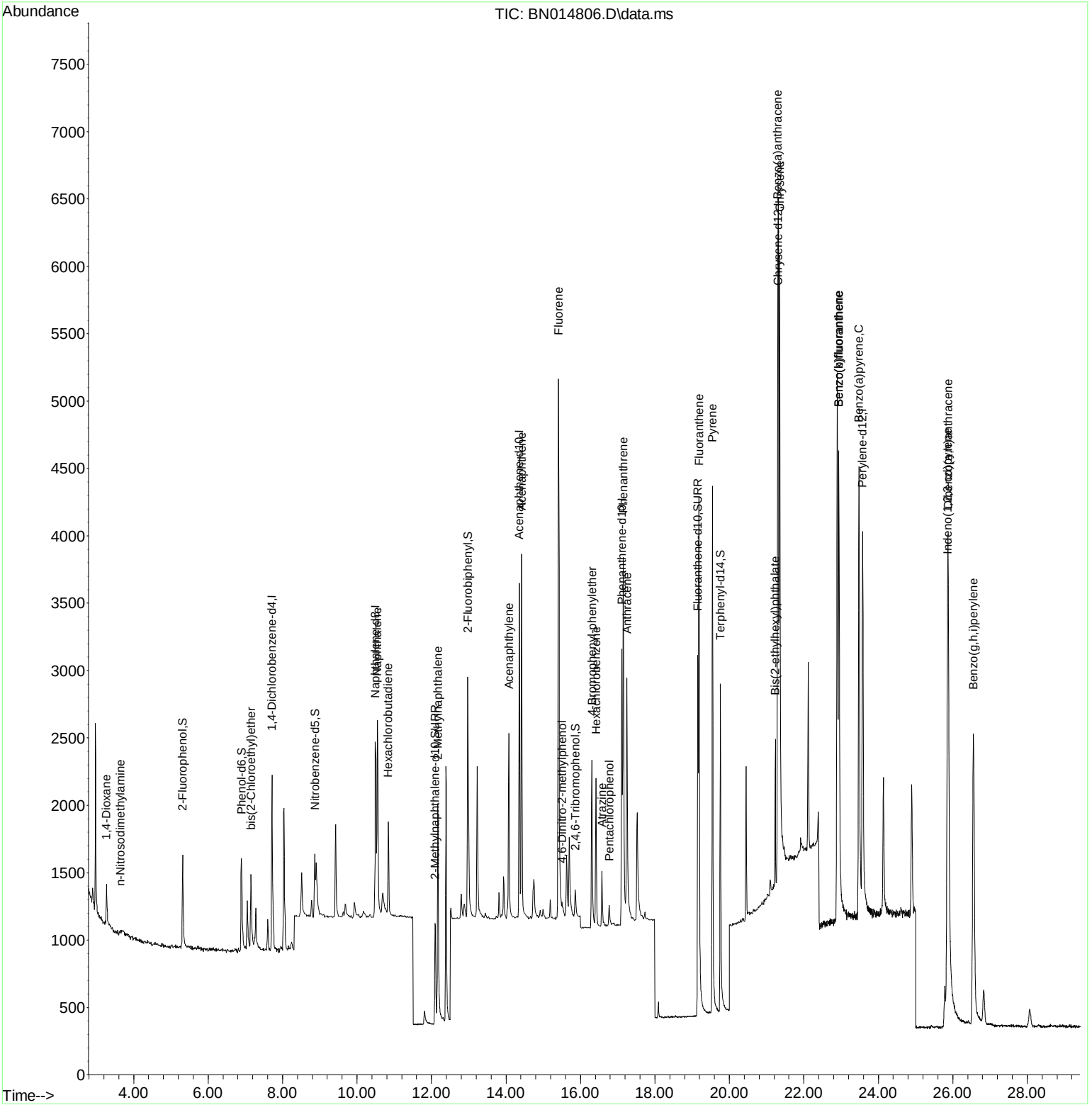
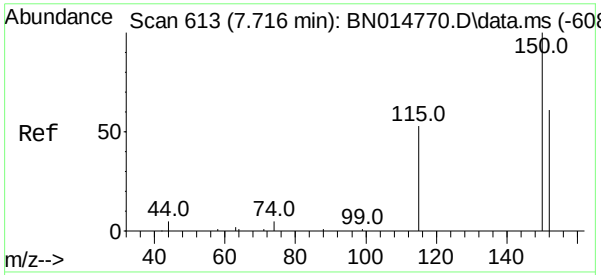
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136377BS

Quant Time: May 28 16:58:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration



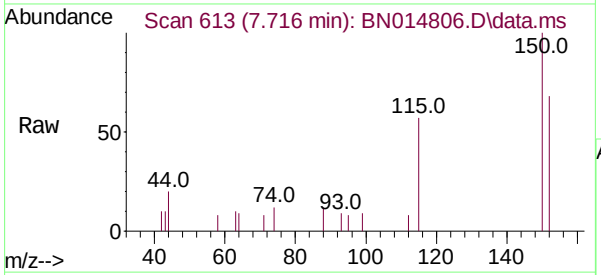
Instrument :
BNA_N
ClientSampleId :
PB136377BS

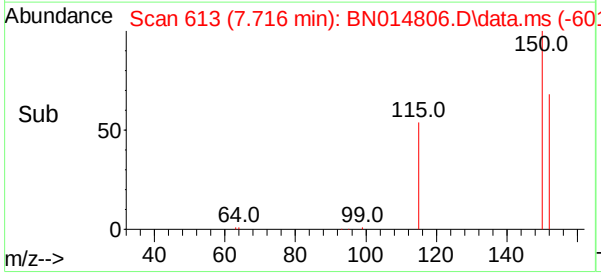


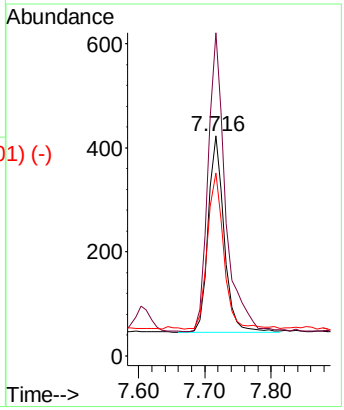
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

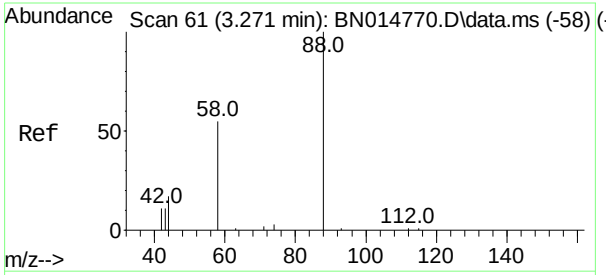
Tgt Ion:152 Resp: 631

Ion	Ratio	Lower	Upper
152	100		
150	146.8	123.4	185.2
115	83.0	73.2	109.8





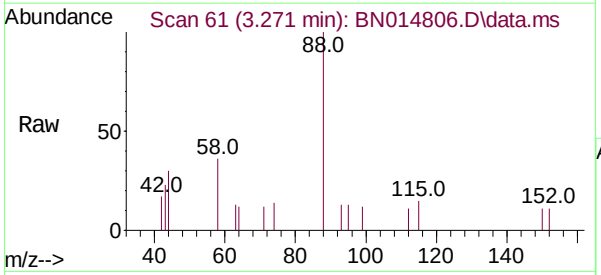


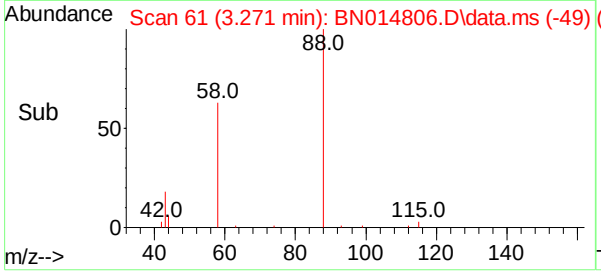


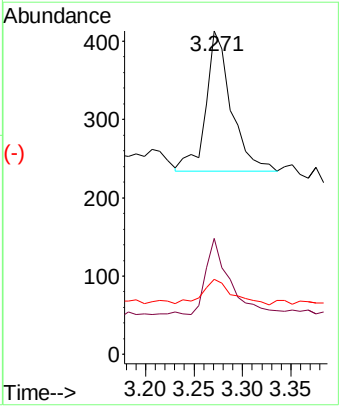
#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion: 88 Resp: 324

Ion	Ratio	Lower	Upper
88	100		
58	51.9	44.7	67.1
43	21.9	21.0	31.6







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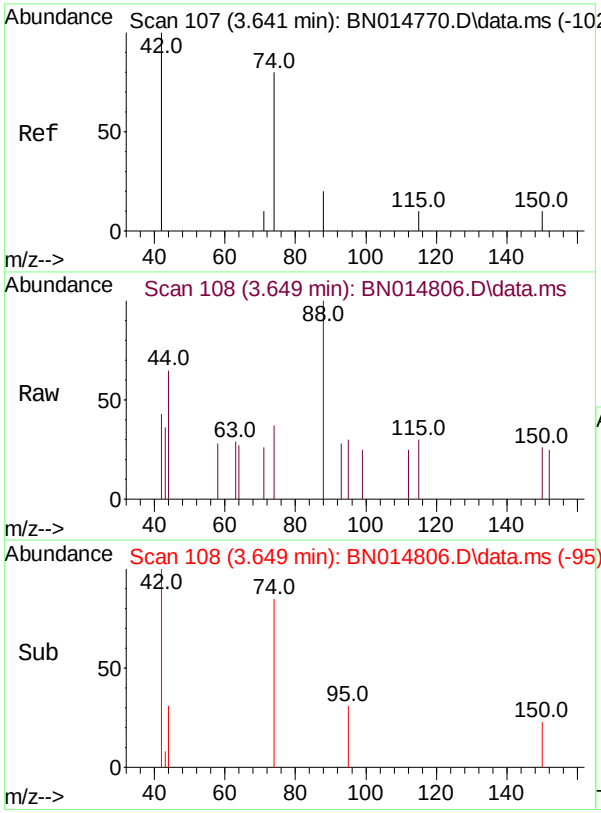
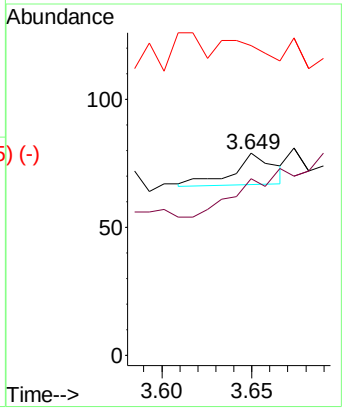
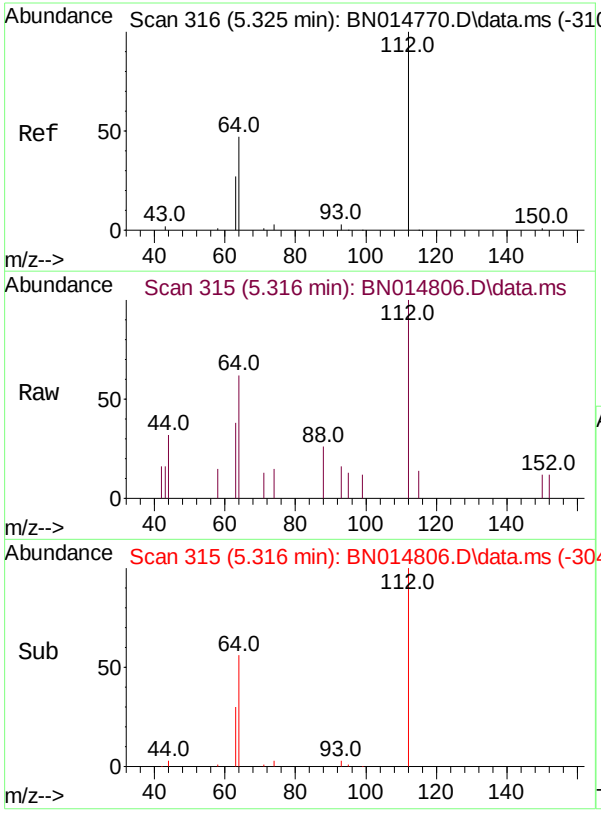


#3
n-Nitrosodimethylamine
Concen: 0.27 ng
RT: 3.649 min Scan# 108
Delta R.T. 0.008 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion: 42 Resp: 20

Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	80.0	120.0#

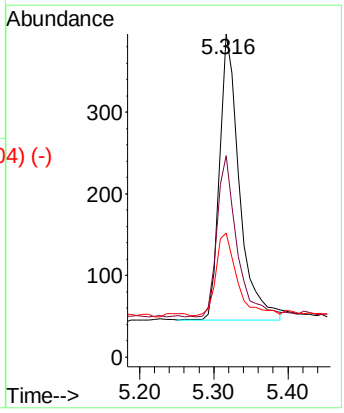




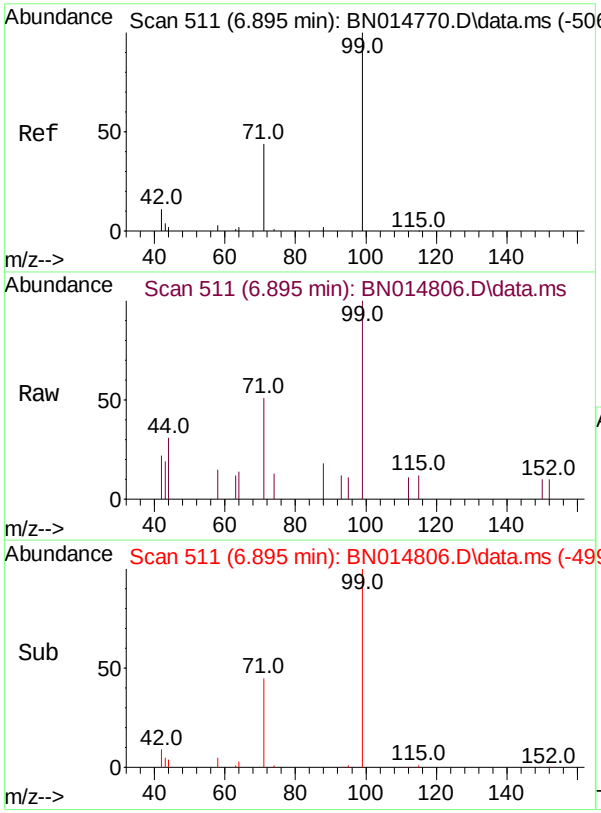
#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.316 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:112 Resp: 657

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.6	65.4
63	30.0	25.0	37.6



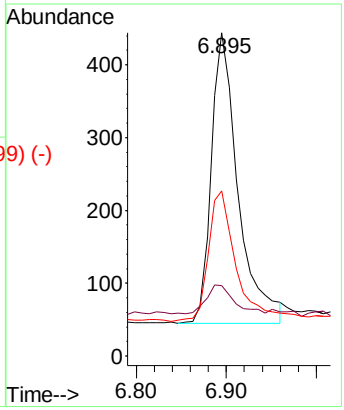
Instrument :
BNA_N
ClientSampleId :
PB136377BS

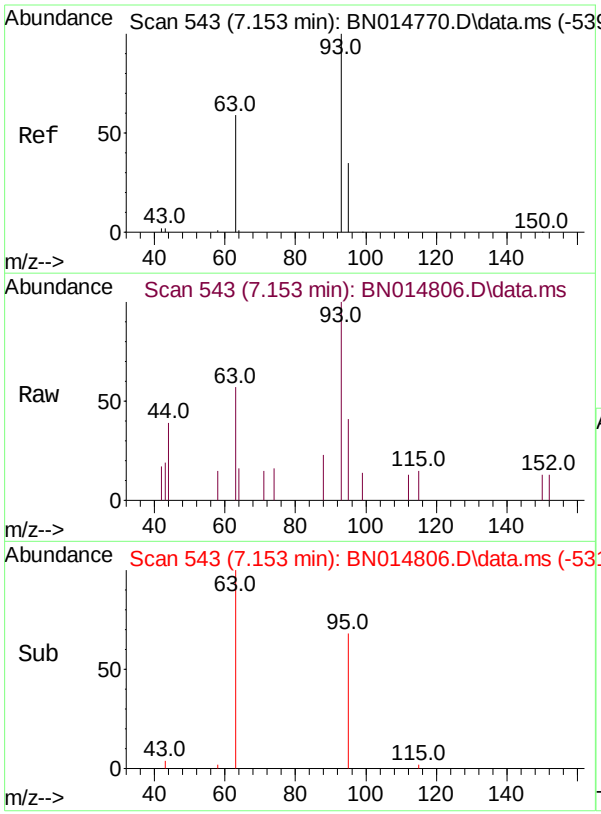


#5
Phenol-d6
Concen: 0.36 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion: 99 Resp: 827

Ion	Ratio	Lower	Upper
99	100		
42	10.2	10.2	15.2#
71	45.5	32.4	48.6

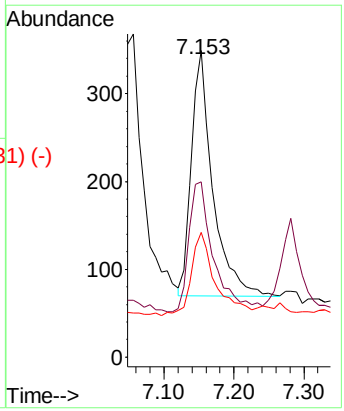




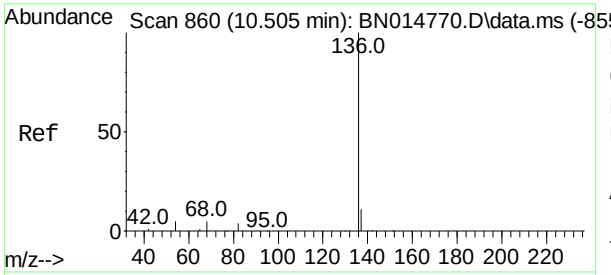
#6
bis(2-Chloroethyl)ether
Concen: 0.31 ng
RT: 7.153 min Scan# 543
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion: 93 Resp: 595

Ion	Ratio	Lower	Upper
93	100		
63	60.8	47.5	71.3
95	38.7	28.5	42.7



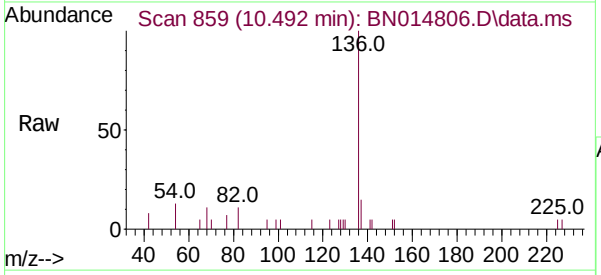
Instrument :
BNA_N
ClientSampleId :
PB136377BS

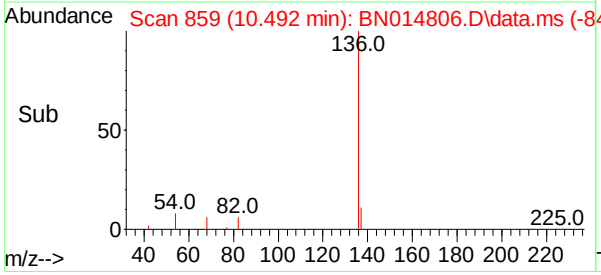


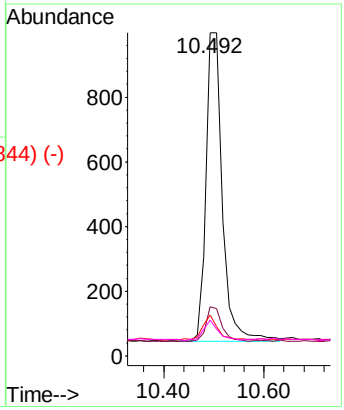
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

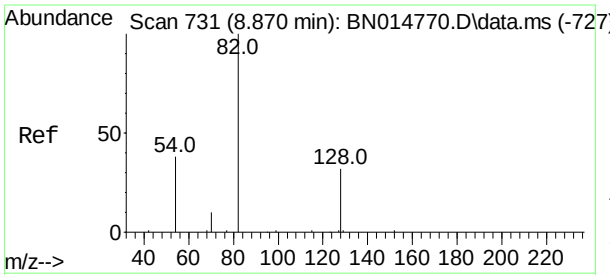
Tgt Ion:136 Resp: 2148

Ion	Ratio	Lower	Upper
136	100		
137	15.3	13.2	19.8
54	12.7	9.0	13.4
68	11.1	8.8	13.2





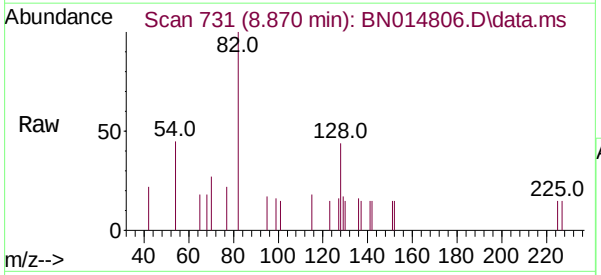


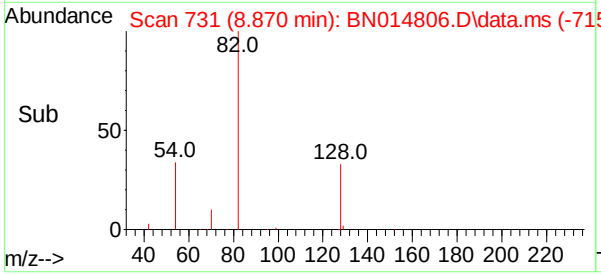


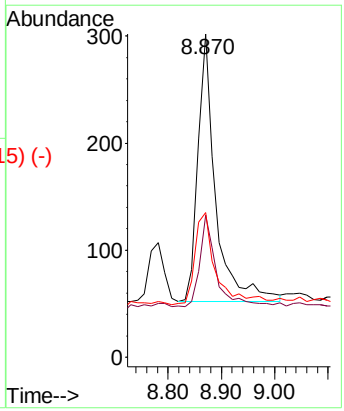
#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion: 82 Resp: 575

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	44.7	38.4	57.6







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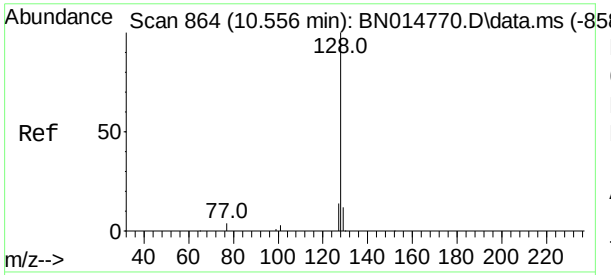
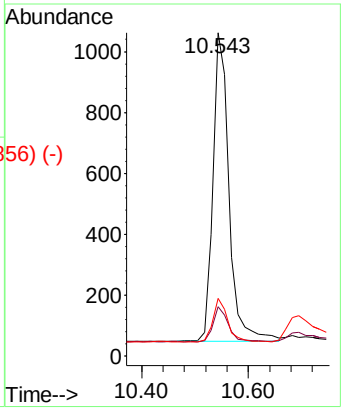
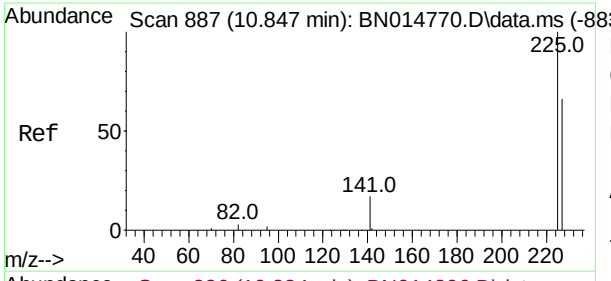


#9
Naphthalene
Concen: 0.34 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:128 Resp: 2125

Ion	Ratio	Lower	Upper
128	100		
129	15.2	13.0	19.4
127	17.9	15.0	22.6

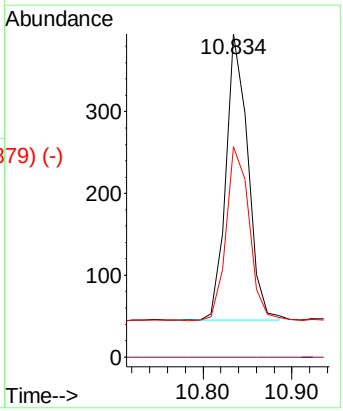




#10
Hexachlorobutadiene
Concen: 0.37 ng
RT: 10.834 min Scan# 886
Delta R.T. -0.013 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:225 Resp: 600

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.8	76.2



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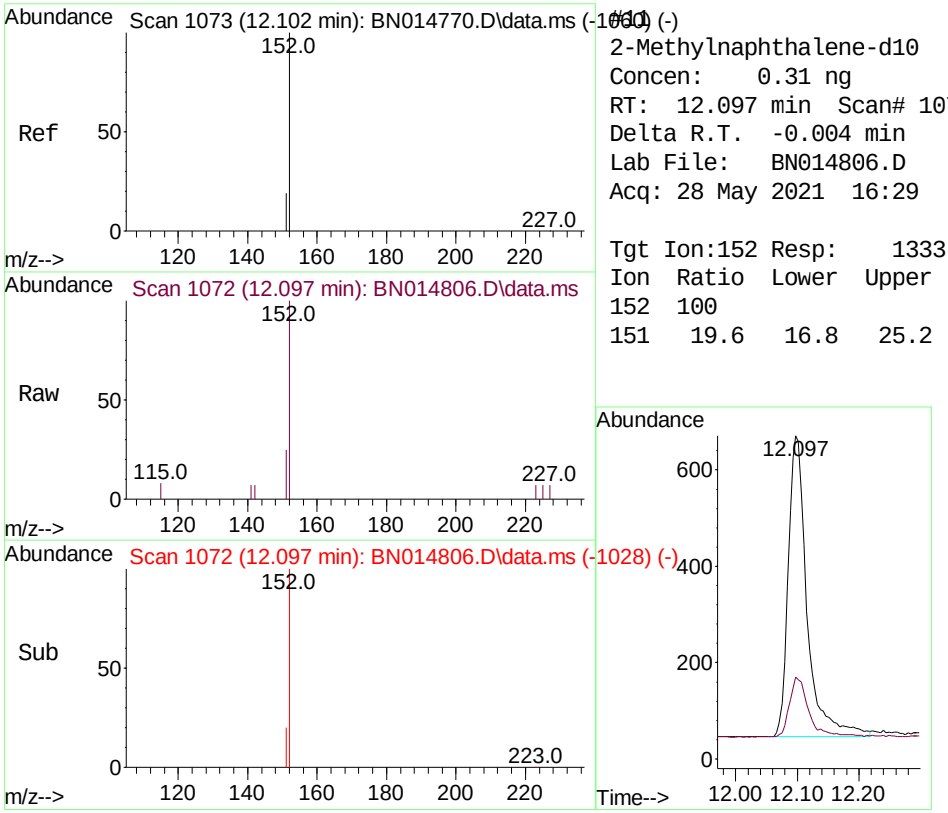
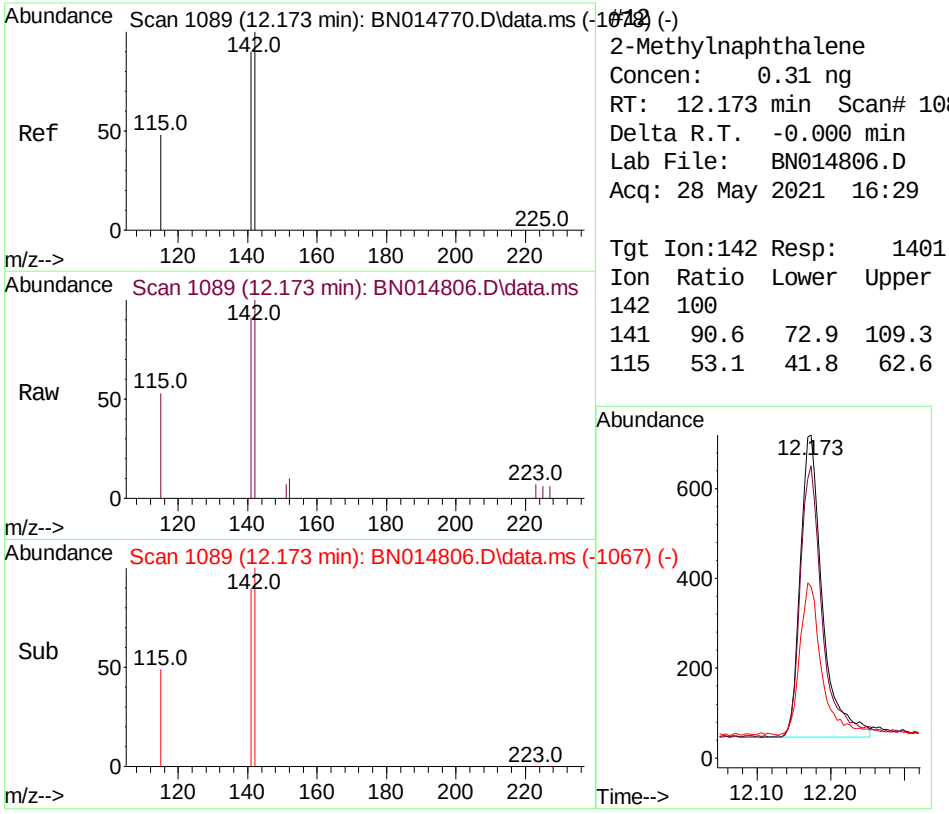


#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.097 min Scan# 1072
Delta R.T. -0.004 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:152 Resp: 1333

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2

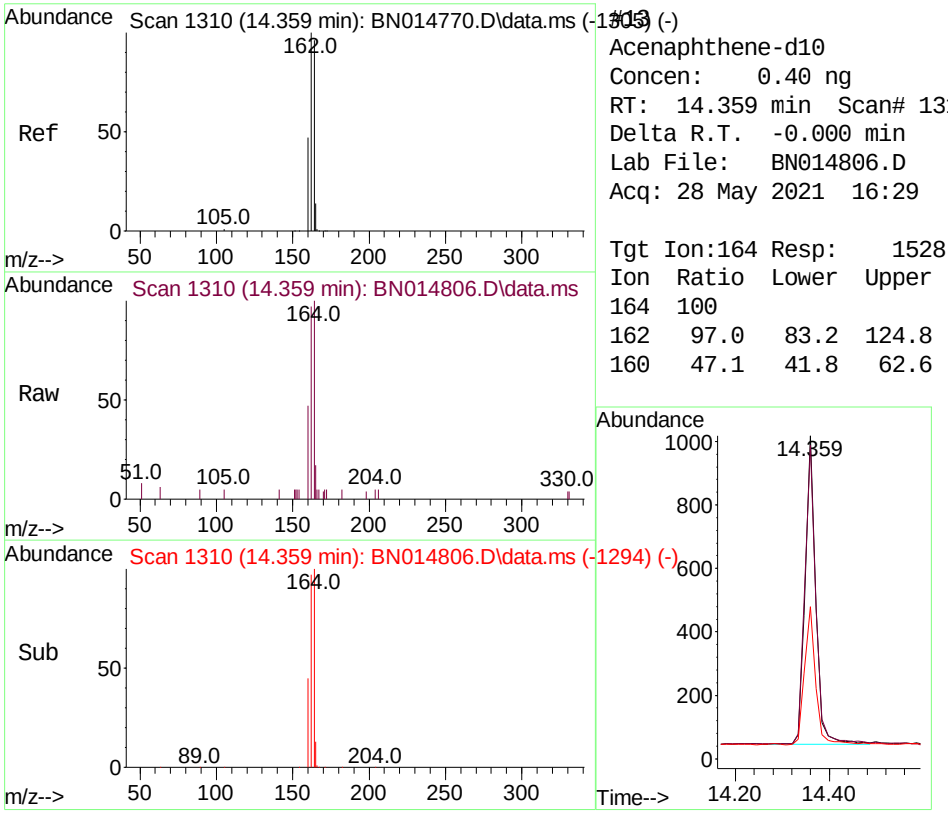


#12
2-Methylnaphthalene
Concen: 0.31 ng
RT: 12.173 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:142 Resp: 1401

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.9	109.3
115	53.1	41.8	62.6

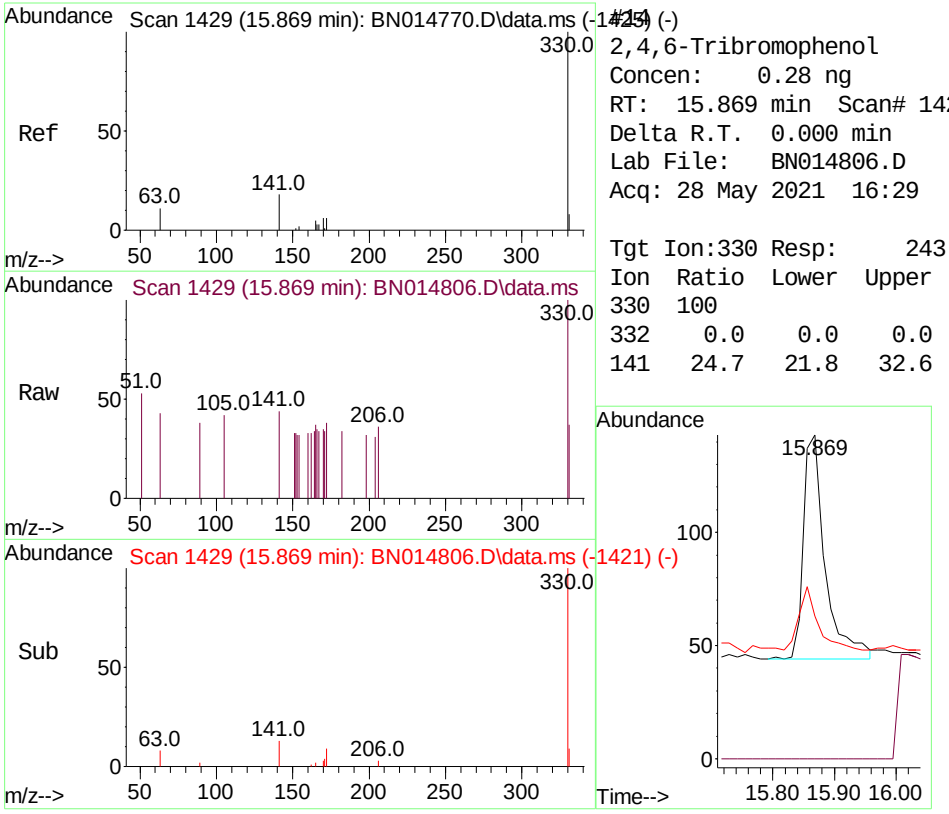
Instrument :
BNA_N
ClientSampleId :
PB136377BS



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:164 Resp: 1528

Ion	Ratio	Lower	Upper
164	100		
162	97.0	83.2	124.8
160	47.1	41.8	62.6



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:330 Resp: 243

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	24.7	21.8	32.6

Instrument :
BNA_N
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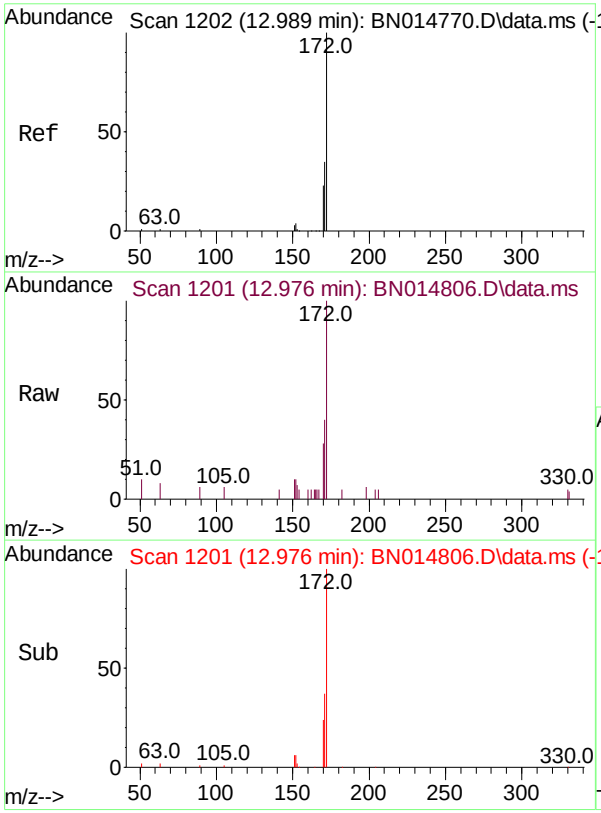
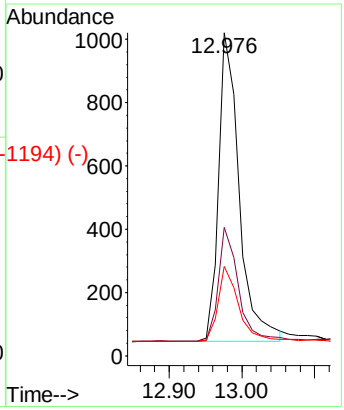
PB136377BS

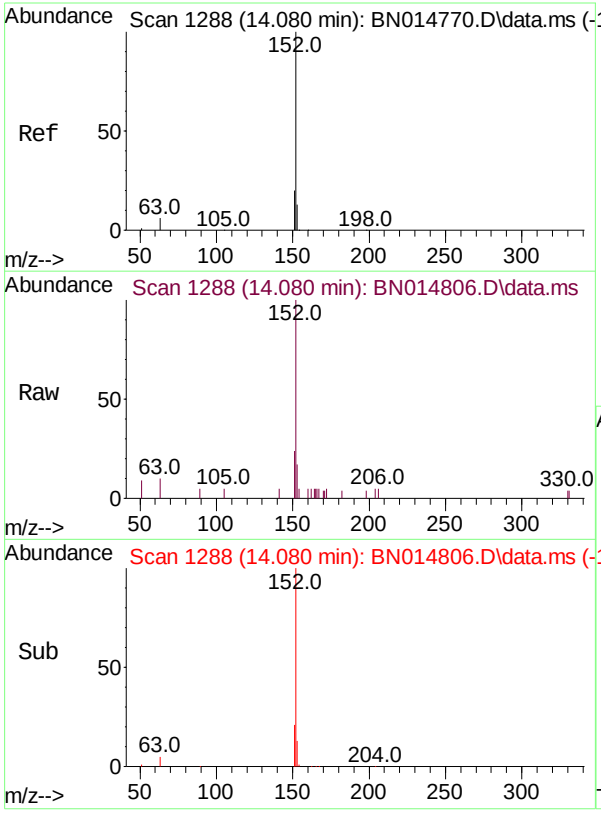


#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:172 Resp: 1923

Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.9	46.3
170	27.7	21.4	32.0

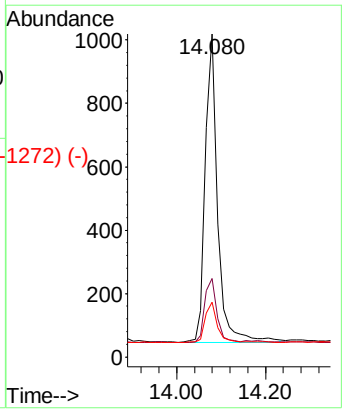




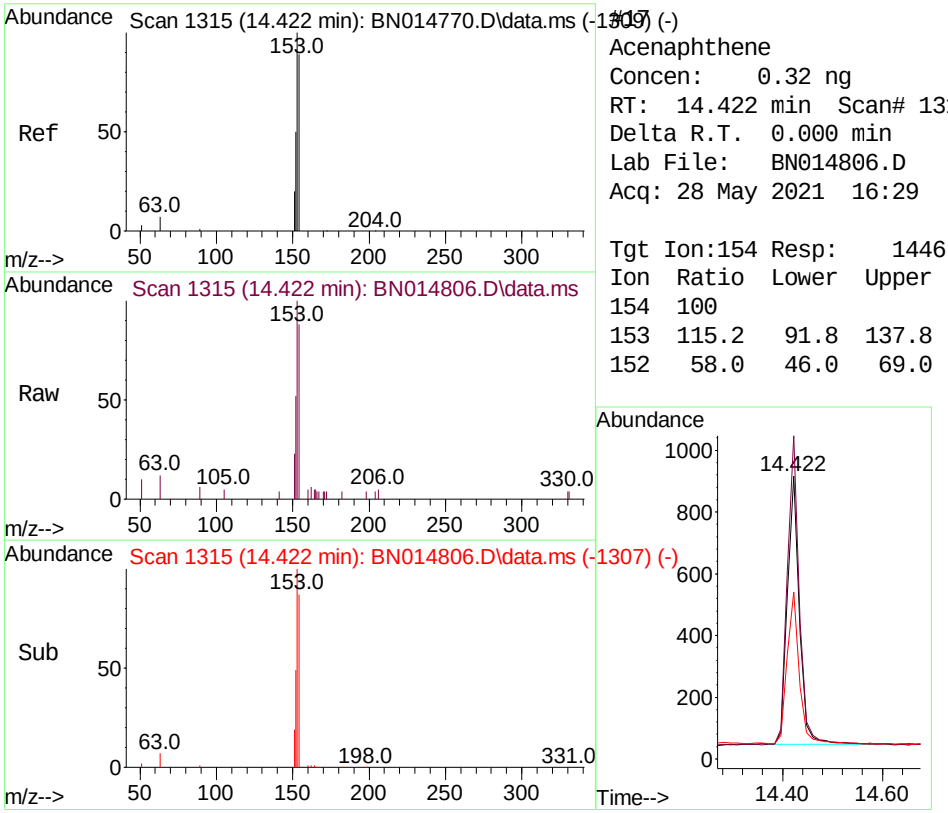
#16
Acenaphthylene
Concen: 0.30 ng
RT: 14.080 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:152 Resp: 1862

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.4	9.9	14.9



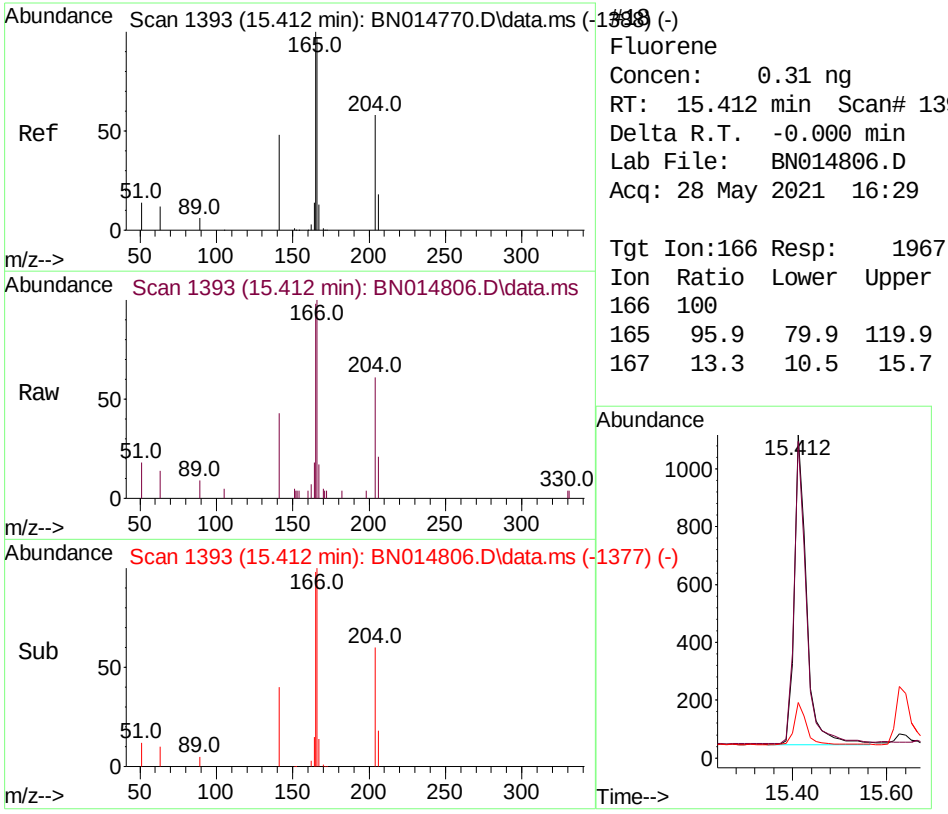
Instrument :
BNA_N
ClientSampleId :
PB136377BS



#17
Acenaphthene
Concen: 0.32 ng
RT: 14.422 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:154 Resp: 1446

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.8	137.8
152	58.0	46.0	69.0

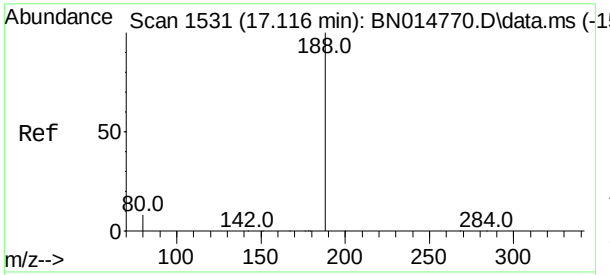


#18
Fluorene
Concen: 0.31 ng
RT: 15.412 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:166 Resp: 1967

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.9	119.9
167	13.3	10.5	15.7

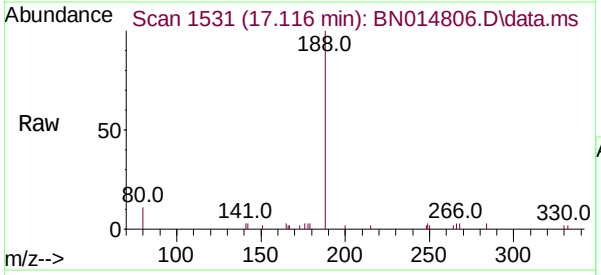
Instrument :
BNA_N
ClientSampleId :
PB136377BS

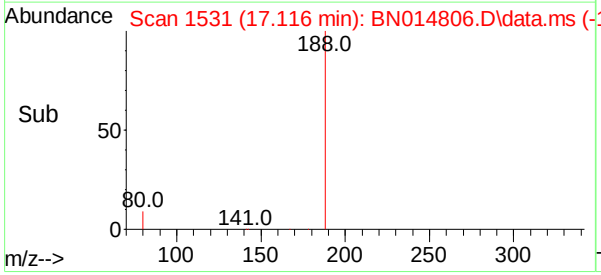


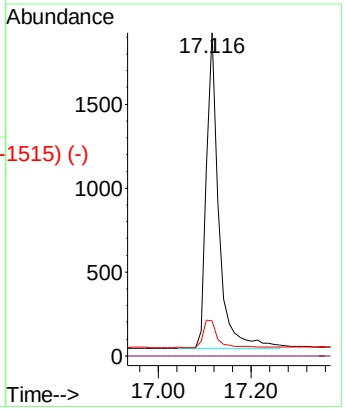
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

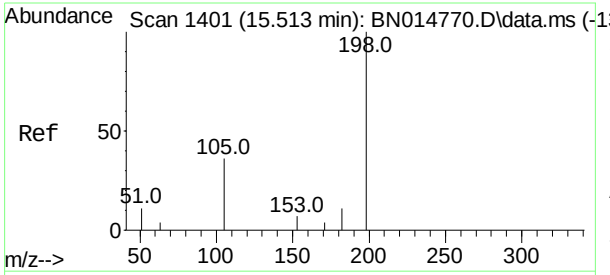
Tgt Ion:188 Resp: 3474

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.2	12.4





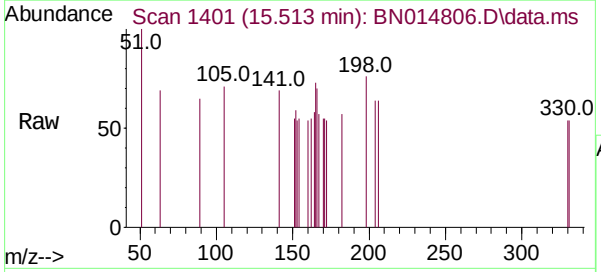


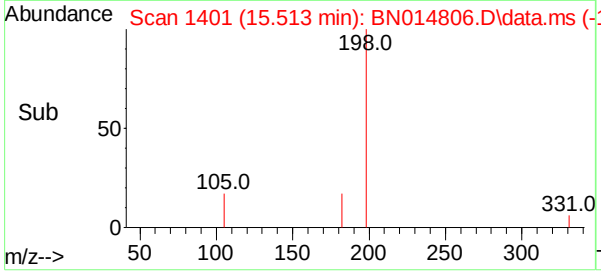


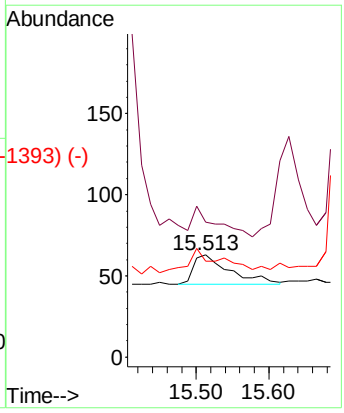
#20
4,6-Dinitro-2-methylphenol
Concen: 0.23 ng
RT: 15.513 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:198 Resp: 62

Ion	Ratio	Lower	Upper
198	100		
51	131.7	96.4	144.6
105	93.7	72.3	108.5







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BNA_N
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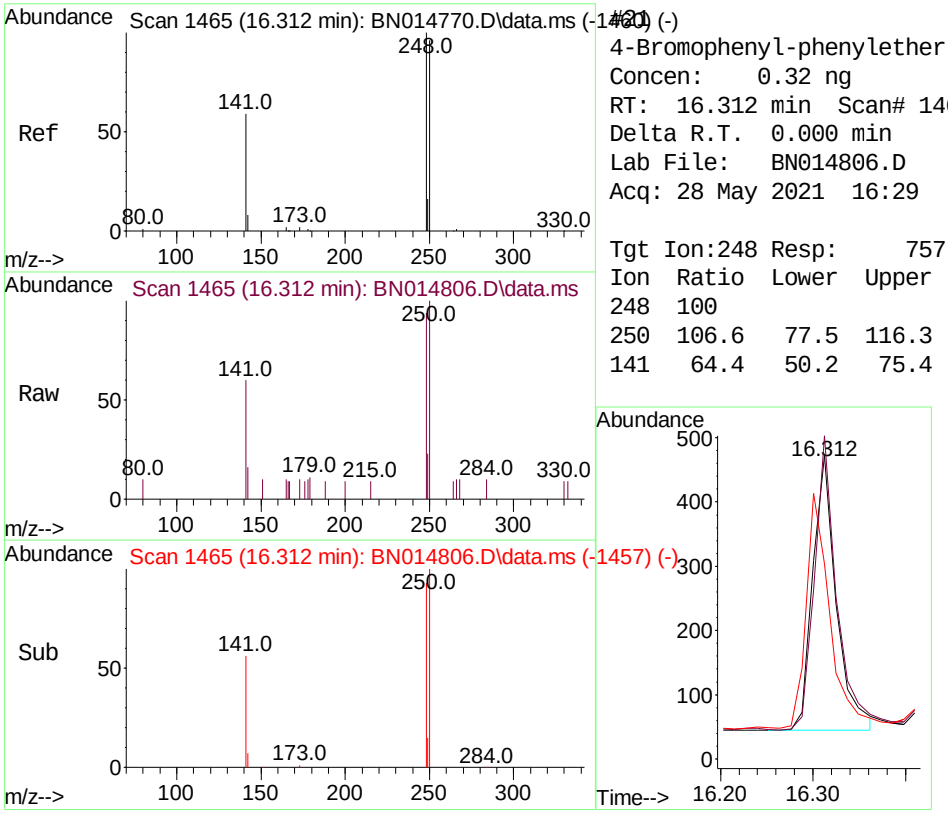
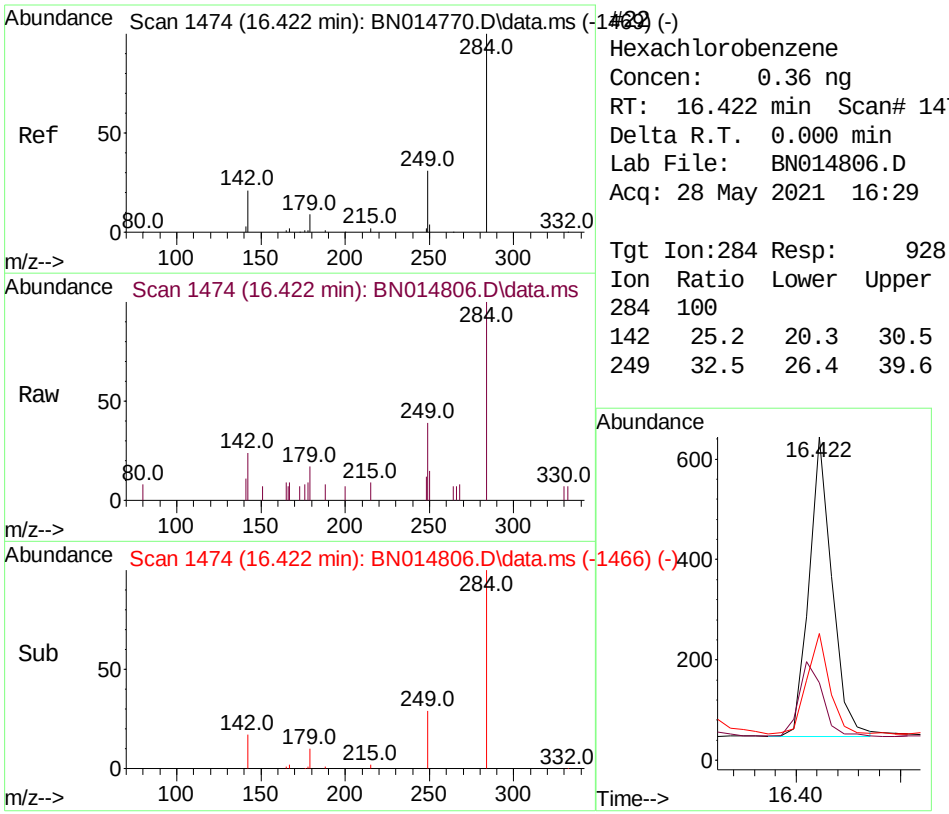
PB136377BS



#21
4-Bromophenyl-phenylether
Concen: 0.32 ng
RT: 16.312 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:248 Resp: 757

Ion	Ratio	Lower	Upper
248	100		
250	106.6	77.5	116.3
141	64.4	50.2	75.4

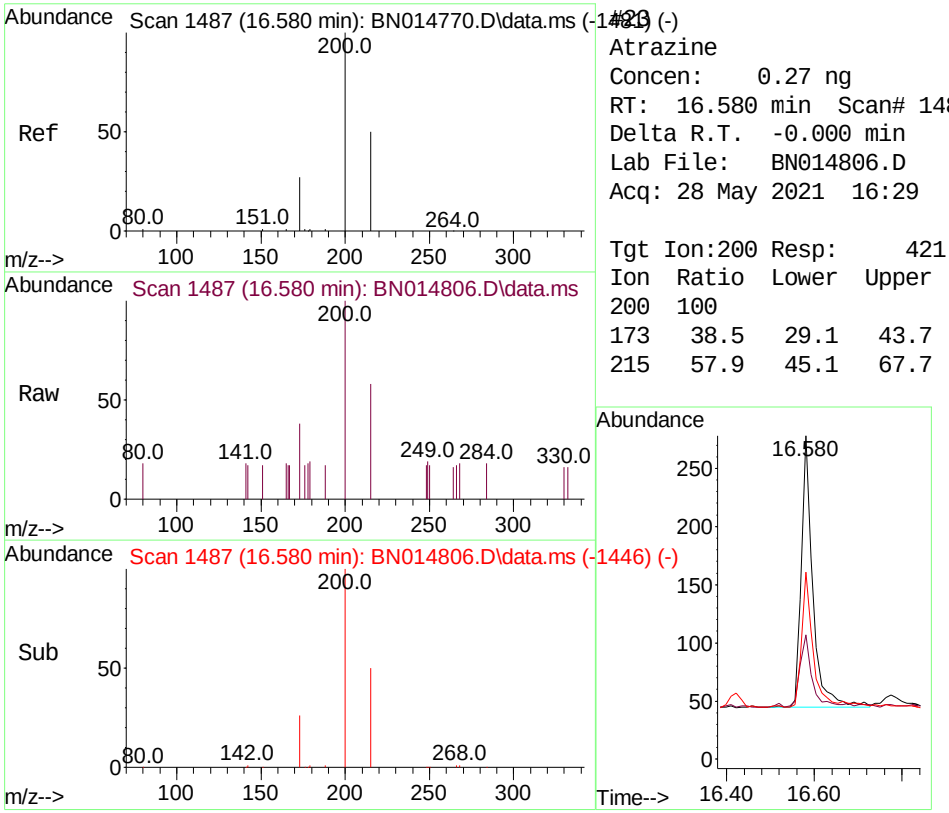


#22
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.422 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:284 Resp: 928

Ion	Ratio	Lower	Upper
284	100		
142	25.2	20.3	30.5
249	32.5	26.4	39.6

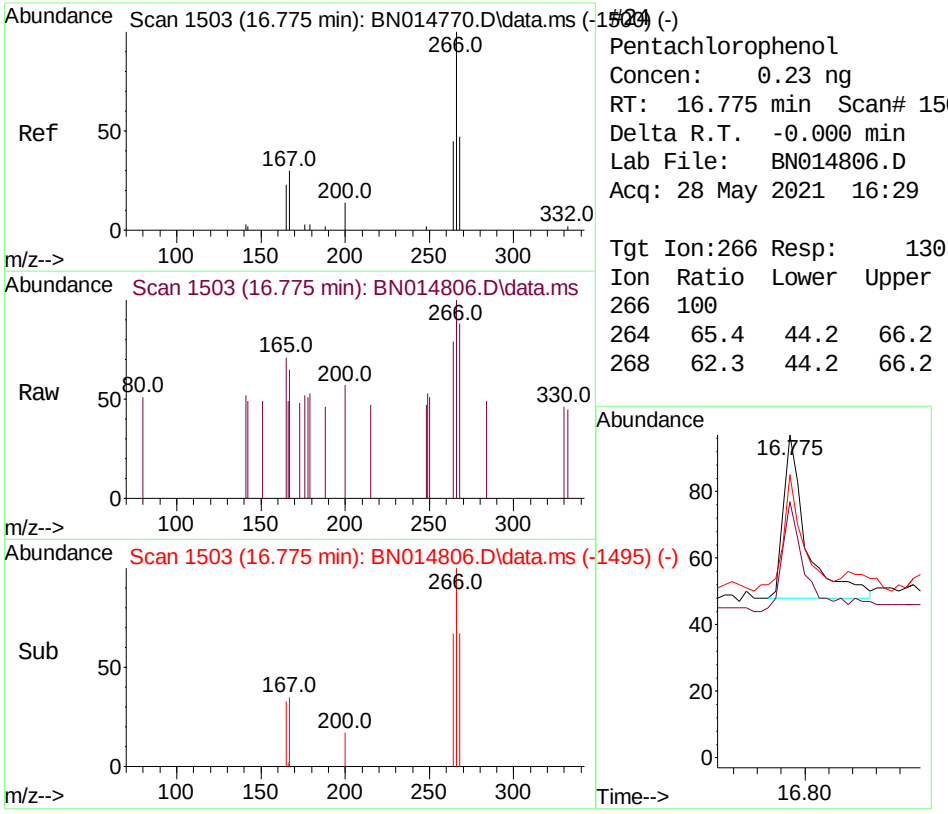
Instrument :
BNA_N
ClientSampleId :
PB136377BS



#20
Atrazine
Concen: 0.27 ng
RT: 16.580 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:200 Resp: 421

Ion	Ratio	Lower	Upper
200	100		
173	38.5	29.1	43.7
215	57.9	45.1	67.7

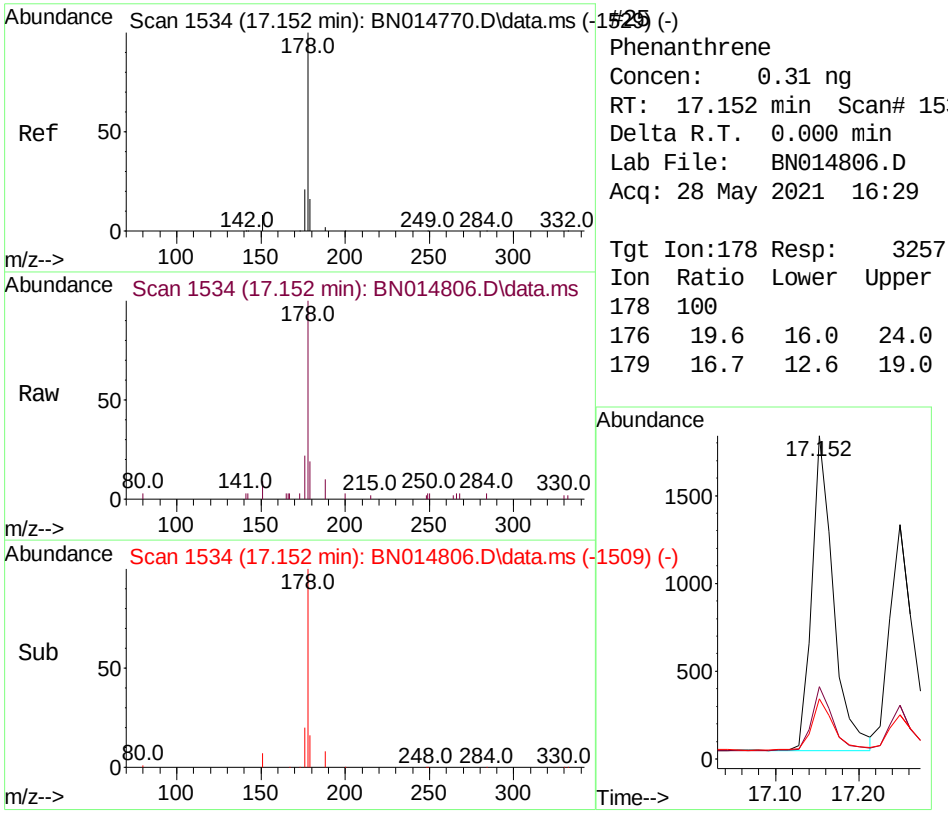


#24
Pentachlorophenol
Concen: 0.23 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:266 Resp: 130

Ion	Ratio	Lower	Upper
266	100		
264	65.4	44.2	66.2
268	62.3	44.2	66.2

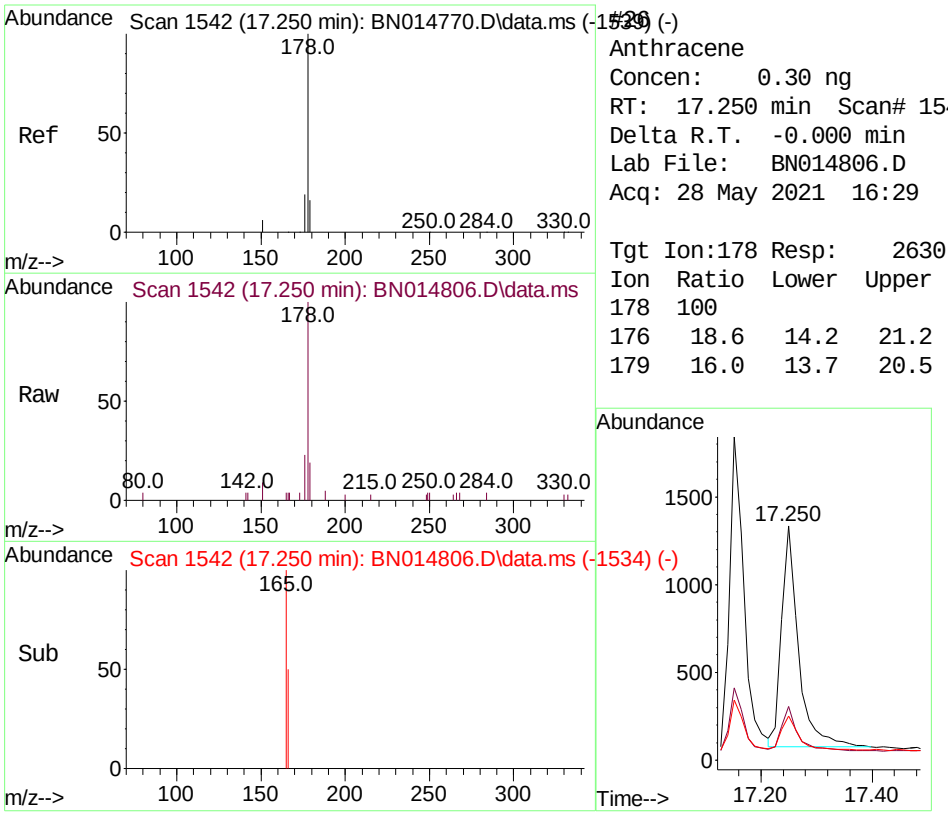
Instrument :
BNA_N
ClientSampleId :
PB136377BS



#25
Phenanthrene
Concen: 0.31 ng
RT: 17.152 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:178 Resp: 3257

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.7	12.6	19.0

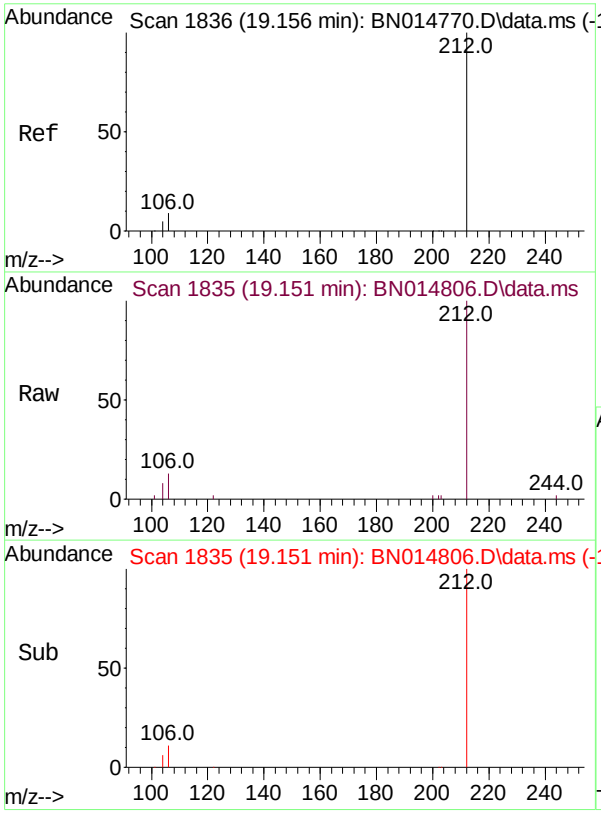


#26
Anthracene
Concen: 0.30 ng
RT: 17.250 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:178 Resp: 2630

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.2	21.2
179	16.0	13.7	20.5

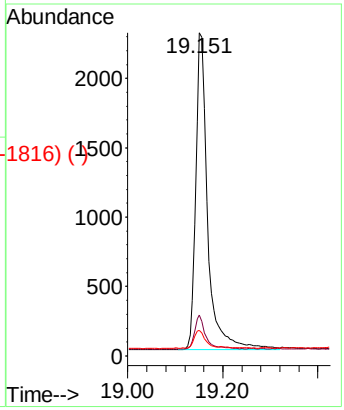
Instrument :
BNA_N
ClientSampleId :
PB136377BS

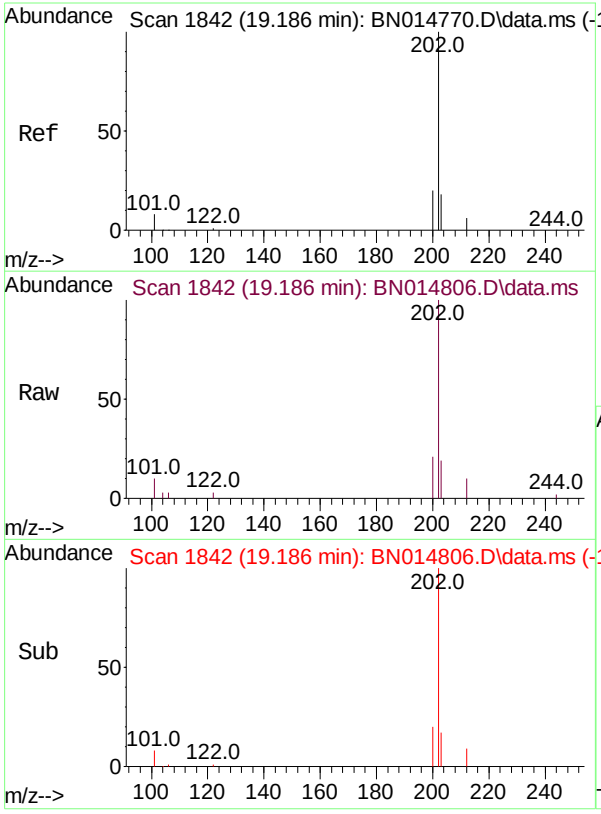


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:212 Resp: 3941

Ion	Ratio	Lower	Upper
212	100		
106	10.0	7.4	11.2
104	6.1	4.1	6.1#

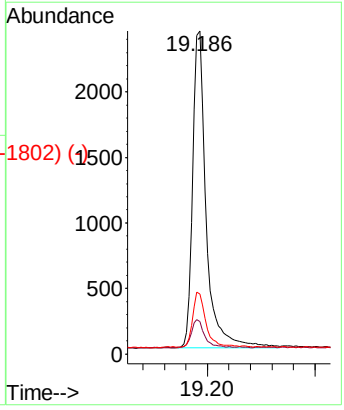




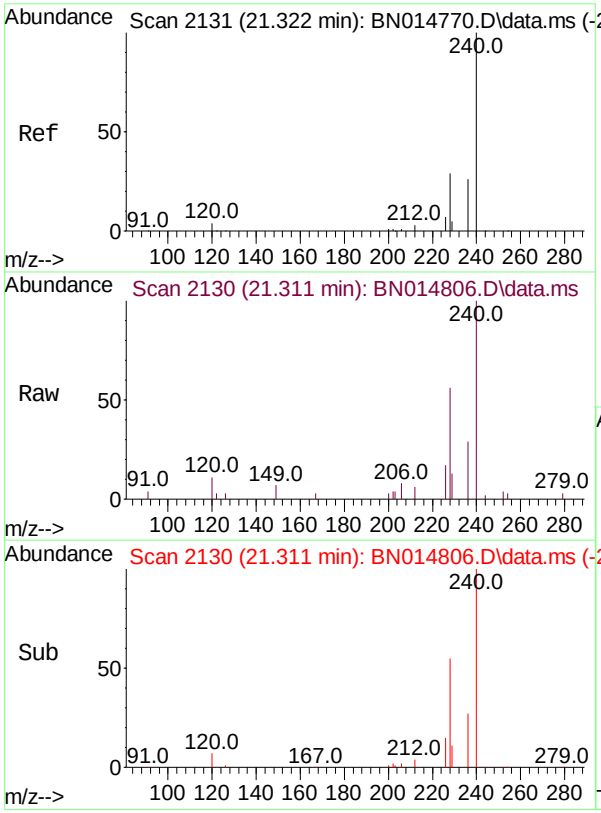
#28
Fluoranthene
Concen: 0.29 ng
RT: 19.186 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:202 Resp: 4183

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
203	16.7	13.5	20.3



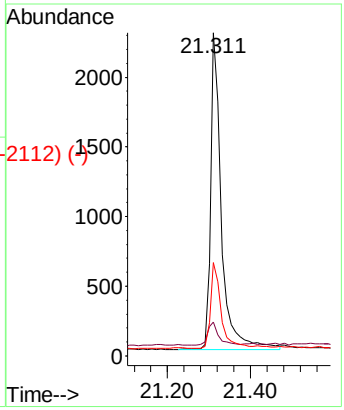
Instrument :
BNA_N
ClientSampleId :
PB136377BS

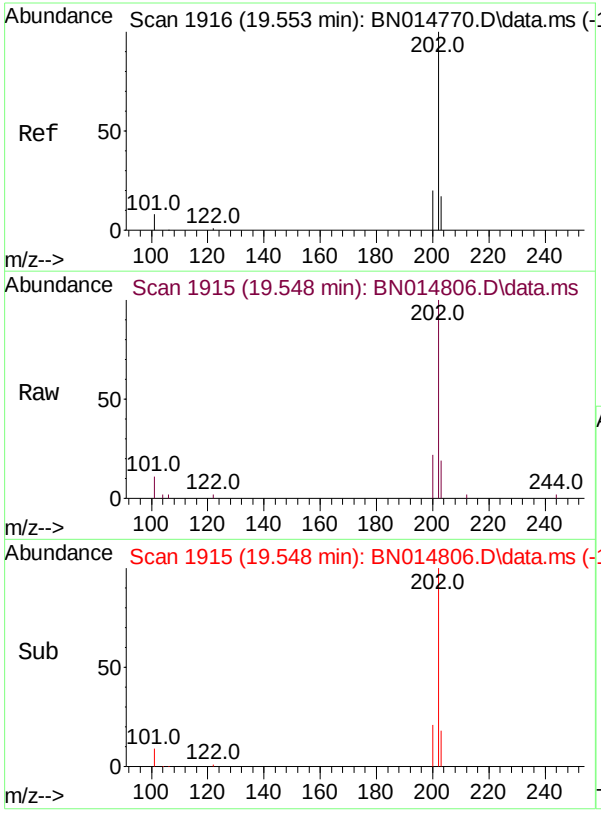


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:240 Resp: 4136

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.2	7.8#
236	29.0	21.6	32.4

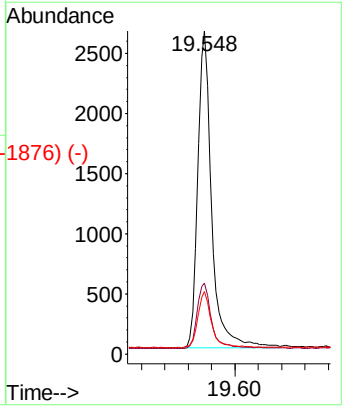




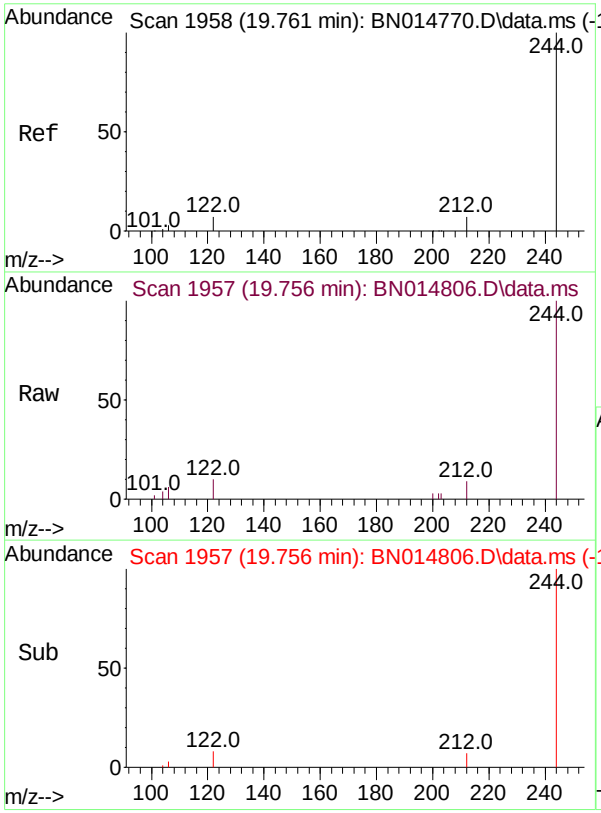
#30
Pyrene
Concen: 0.36 ng
RT: 19.548 min Scan# 1915
Delta R.T. -0.005 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:202 Resp: 4328

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	24.8
203	17.7	13.9	20.9



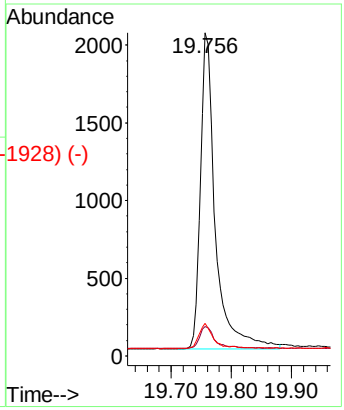
Instrument :
BNA_N
ClientSampleId :
PB136377BS

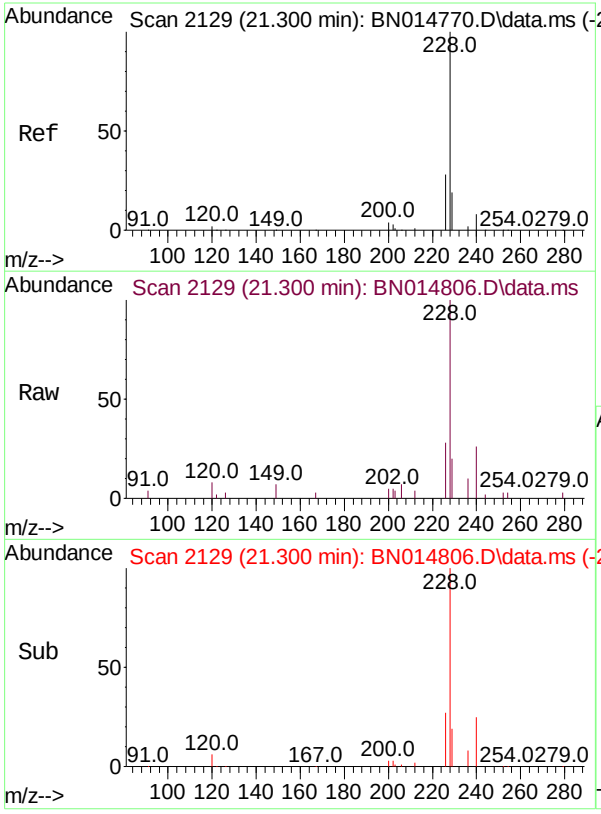


#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:244 Resp: 3505

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.8	10.2
122	10.1	6.6	9.8#

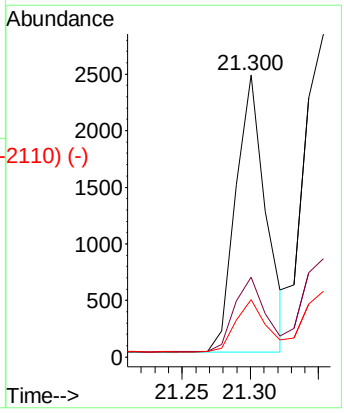




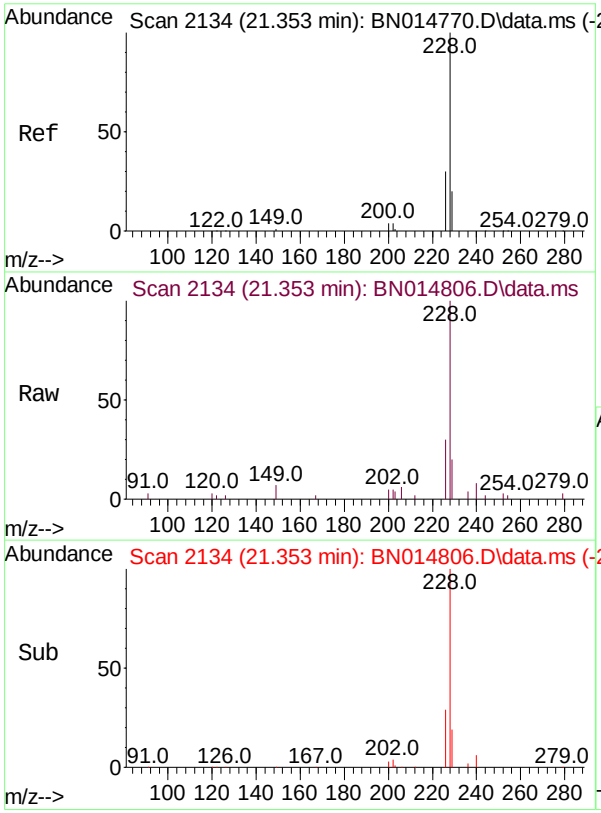
#32
Benzo(a)anthracene
Concen: 0.30 ng
RT: 21.300 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:228 Resp: 3763

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.9	34.3
229	20.4	16.2	24.2



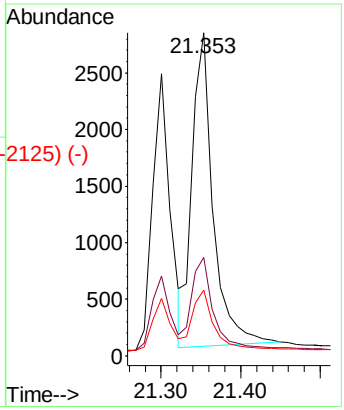
Instrument :
BNA_N
ClientSampleId :
PB136377BS

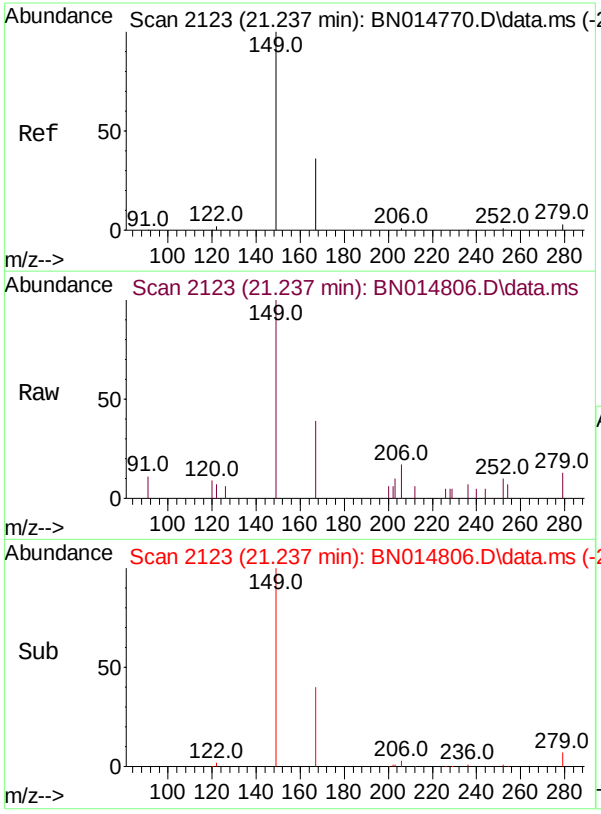


#32
Chrysene
Concen: 0.37 ng
RT: 21.353 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:228 Resp: 5073

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.3	16.4	24.6

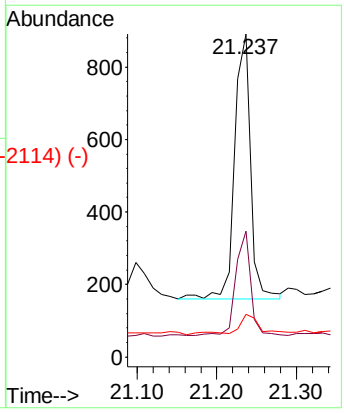




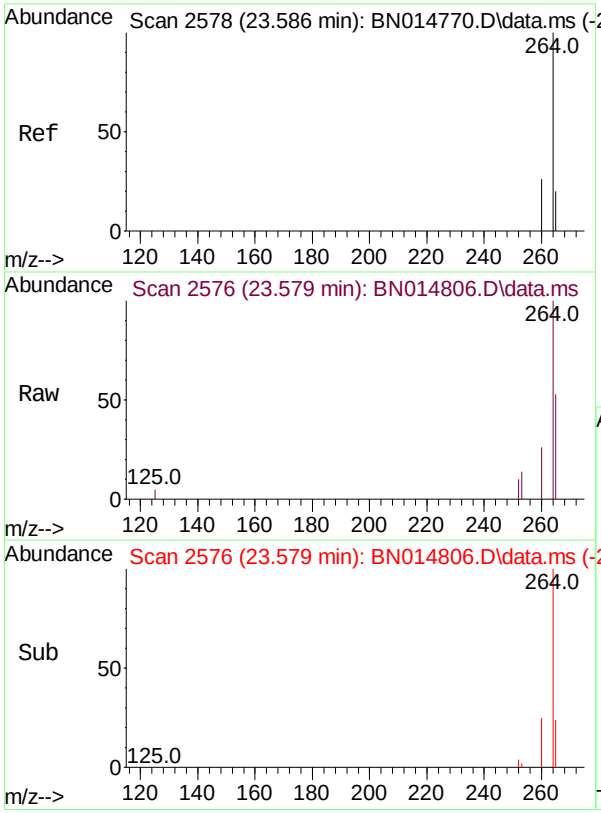
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:149 Resp: 1026

Ion	Ratio	Lower	Upper
149	100		
167	36.8	28.3	42.5
279	8.3	5.5	8.3#



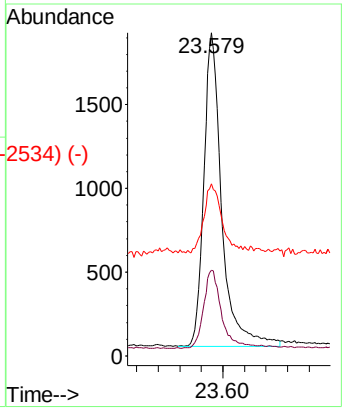
Instrument :
BNA_N
ClientSampleId :
PB136377BS

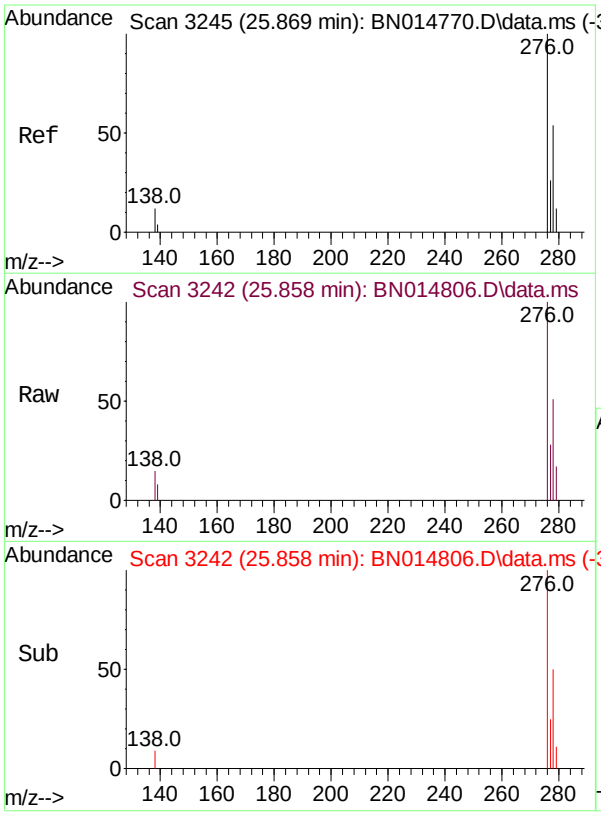


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.579 min Scan# 2576
Delta R.T. -0.007 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:264 Resp: 4323

Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.4	32.2
265	53.2	40.9	61.3

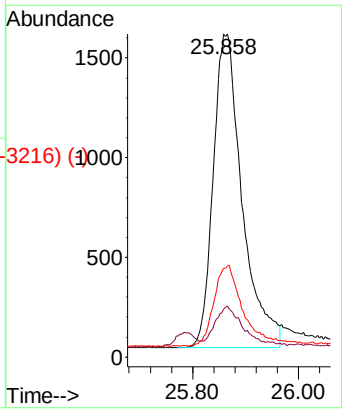




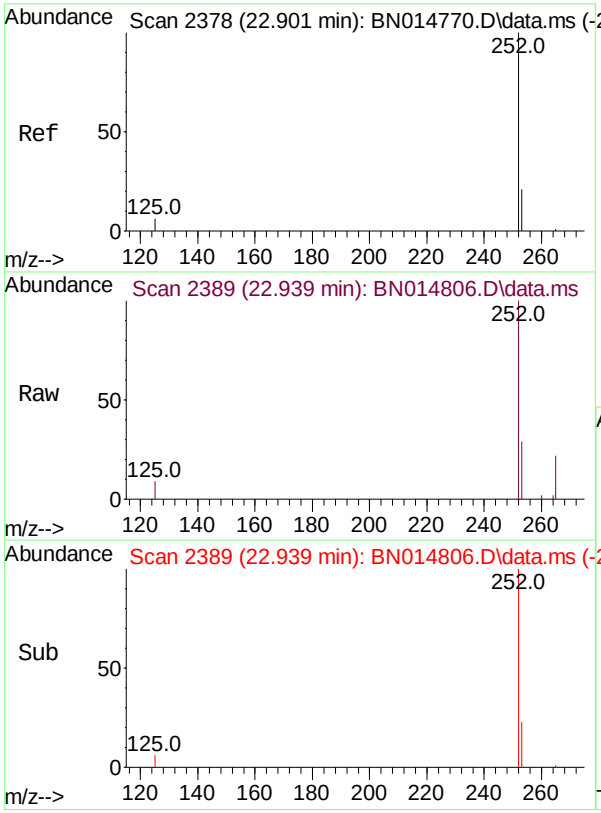
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng
RT: 25.858 min Scan# 3242
Delta R.T. -0.010 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:276 Resp: 5971

Ion	Ratio	Lower	Upper
276	100		
138	10.4	10.2	15.4
277	25.7	20.4	30.6



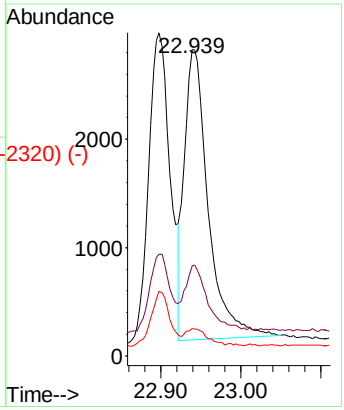
Instrument :
BNA_N
ClientSampleId :
PB136377BS

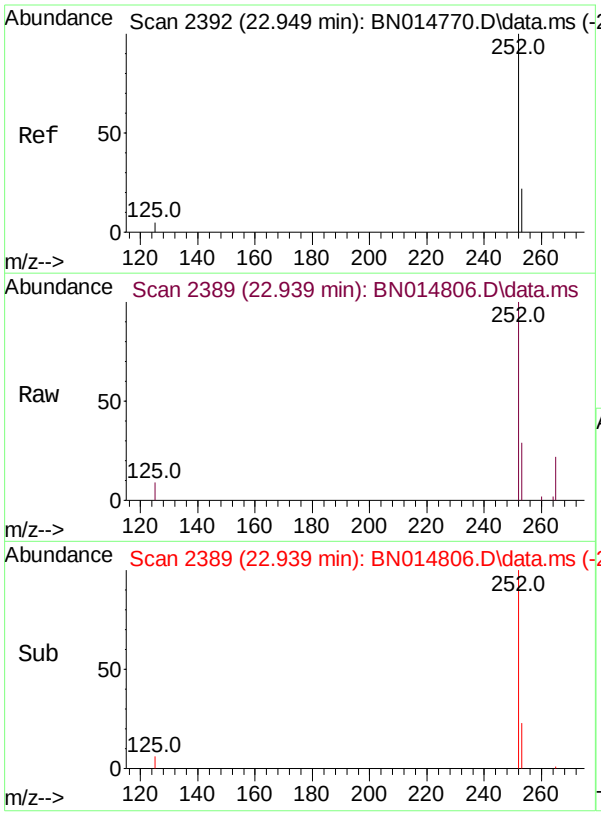


#37
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.939 min Scan# 2389
Delta R.T. 0.038 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:252 Resp: 5545

Ion	Ratio	Lower	Upper
252	100		
253	29.4	21.5	32.3
125	8.9	6.6	10.0

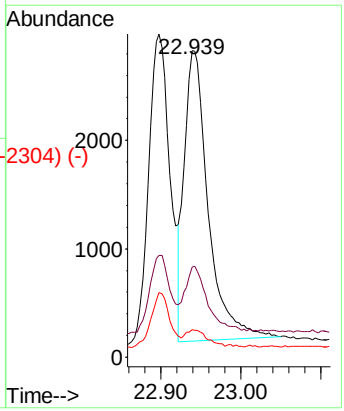




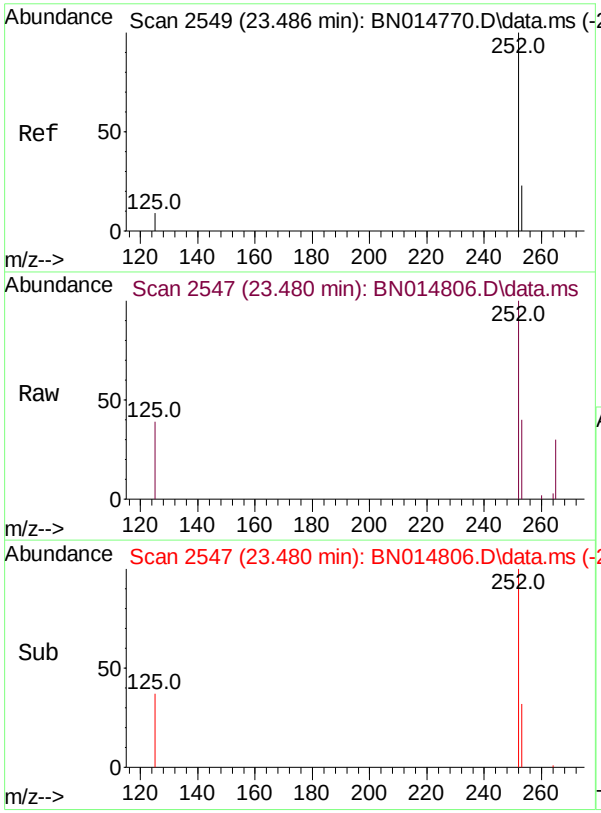
#38
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 22.939 min Scan# 2389
Delta R.T. -0.010 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:252 Resp: 5545

Ion	Ratio	Lower	Upper
252	100		
253	29.4	22.7	34.1
125	8.9	6.4	9.6



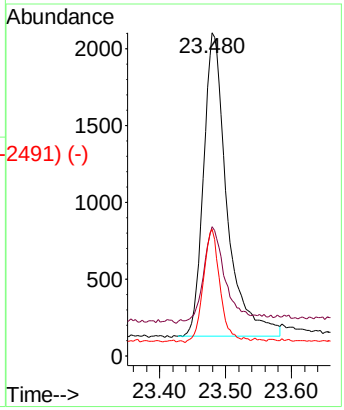
Instrument :
BNA_N
ClientSampleId :
PB136377BS

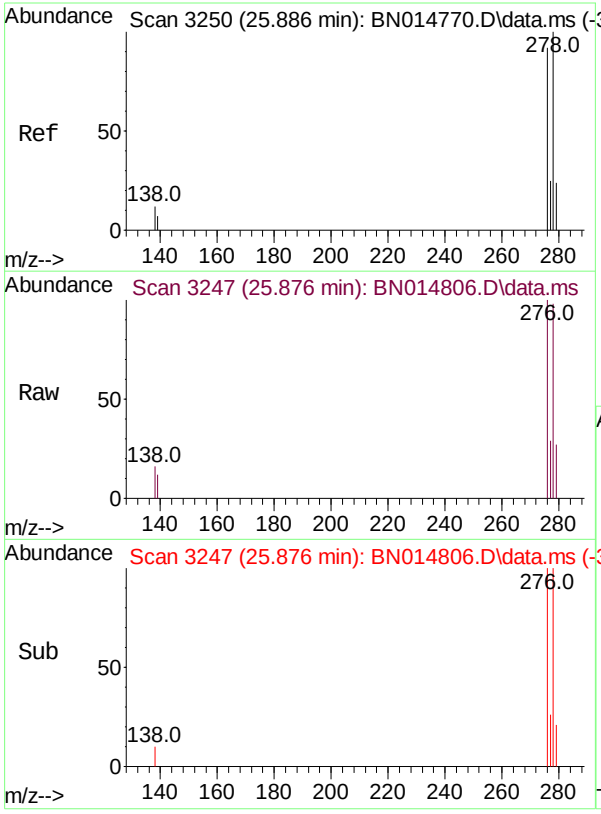


#39
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.480 min Scan# 2547
Delta R.T. -0.007 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:252 Resp: 4883

Ion	Ratio	Lower	Upper
252	100		
253	40.0	25.1	37.7#
125	39.3	9.4	14.0#

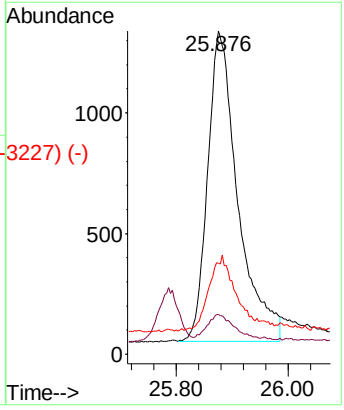


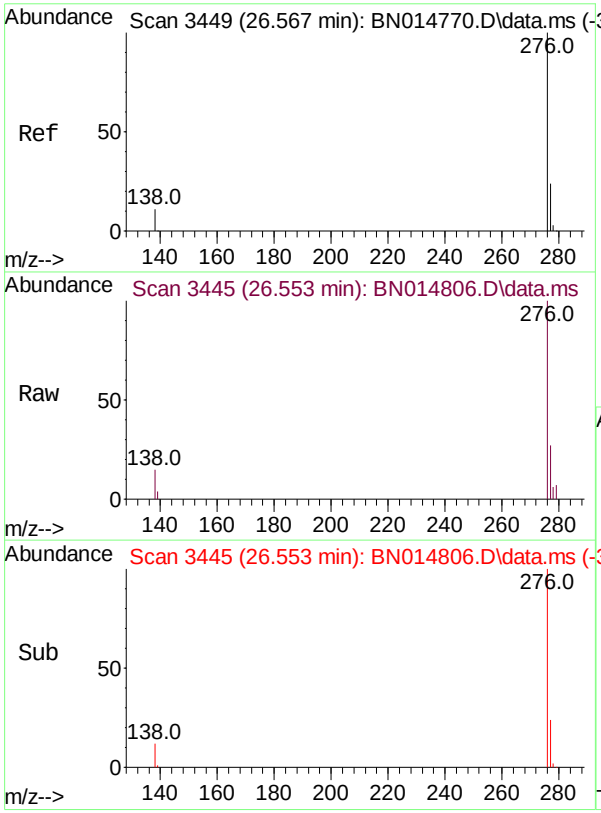


#40
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 25.876 min Scan# 3247
Delta R.T. -0.010 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:278 Resp: 4793

Ion	Ratio	Lower	Upper
278	100		
139	12.3	8.6	13.0
279	28.1	22.8	34.2

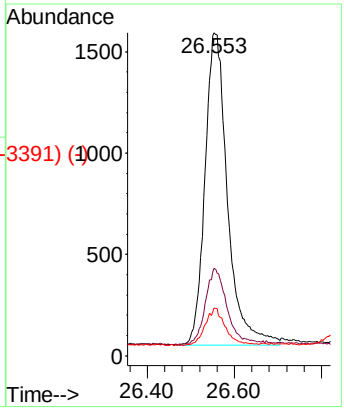




#41
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 26.553 min Scan# 3445
Delta R.T. -0.014 min
Lab File: BN014806.D
Acq: 28 May 2021 16:29

Tgt Ion:276 Resp: 5520

Ion	Ratio	Lower	Upper
276	100		
277	27.2	20.9	31.3
138	14.8	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
PB136377BS