Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
Data File : BN014365.D
Acq On : 21 Apr 2021 22:14
Operator : CG/JU
Sample : PB135901BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135901BS

Quant Time: Apr 22 01:54:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 13:57:02 2021
Response via : Initial Calibration

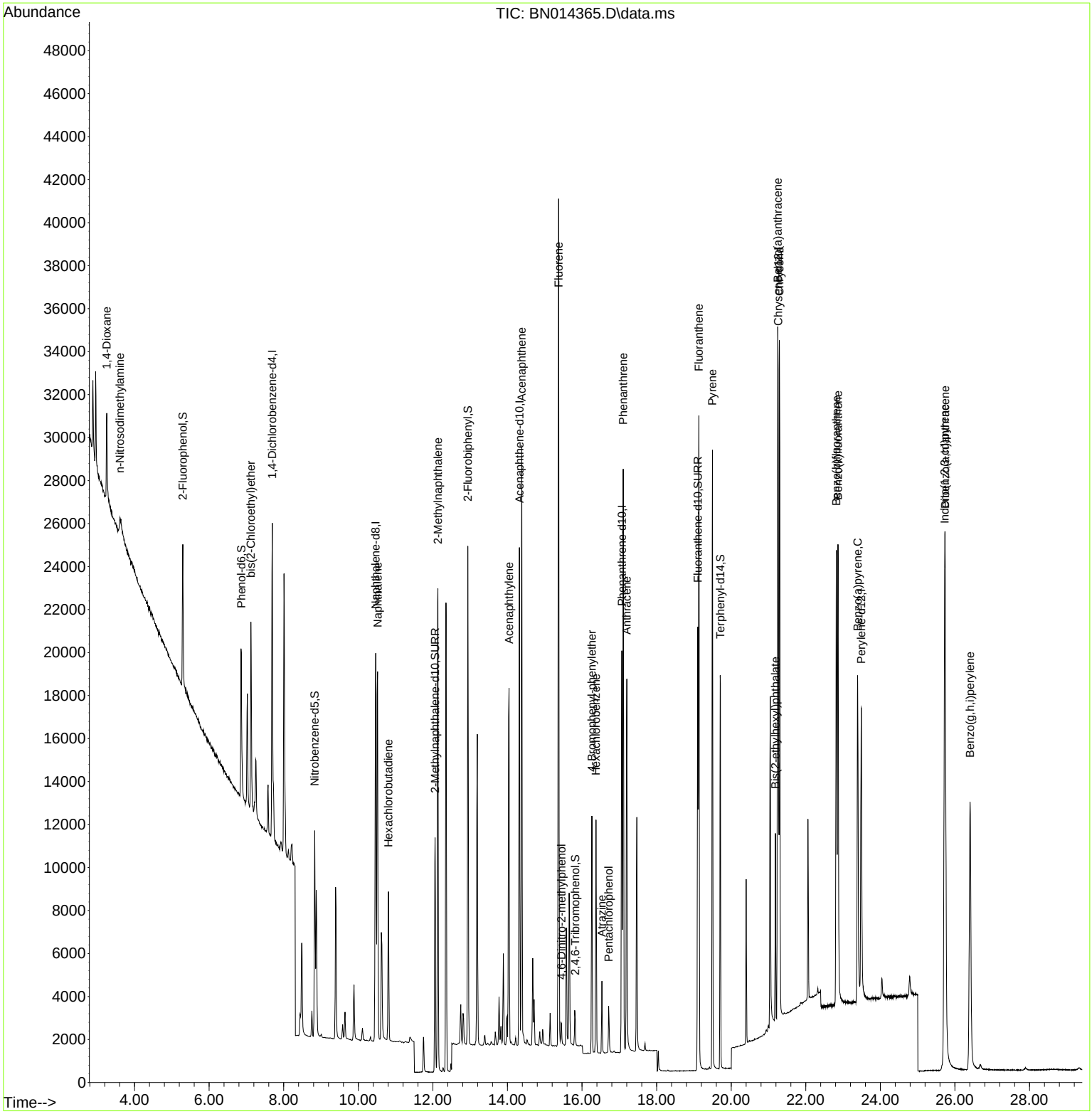
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	7058	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	24898	0.40	ng		0.00
13) Acenaphthene-d10	14.321	164	12591	0.40	ng		0.00
19) Phenanthrene-d10	17.068	188	25350	0.40	ng		0.00
29) Chrysene-d12	21.261	240	22044	0.40	ng	#	0.00
36) Perylene-d12	23.486	264	19255	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	5770	0.40	ng		0.00
5) Phenol-d6	6.863	99	7166	0.40	ng		0.00
8) Nitrobenzene-d5	8.832	82	8093	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	14614	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1410	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	19989	0.40	ng		0.00
27) Fluoranthene-d10	19.104	212	23819	0.35	ng		0.00
31) Terphenyl-d14	19.710	244	18746	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	3181	0.37	ng		98
3) n-Nitrosodimethylamine	3.609	42	1413	0.39	ng	#	99
6) bis(2-Chloroethyl)ether	7.120	93	6972	0.40	ng		99
9) Naphthalene	10.518	128	24700	0.40	ng		100
10) Hexachlorobutadiene	10.809	225	5523	0.41	ng	#	98
12) 2-Methylnaphthalene	12.133	142	16010	0.40	ng		99
16) Acenaphthylene	14.042	152	21008	0.39	ng		100
17) Acenaphthene	14.384	154	13504	0.38	ng		97
18) Fluorene	15.374	166	16690	0.38	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	915	0.32	ng		96
21) 4-Bromophenyl-phenylether	16.264	248	5562	0.39	ng		96
22) Hexachlorobenzene	16.374	284	8373	0.43	ng		99
23) Atrazine	16.532	200	2565	0.31	ng		99
24) Pentachlorophenol	16.715	266	1088	0.30	ng		98
25) Phenanthrene	17.104	178	27385	0.38	ng		100
26) Anthracene	17.201	178	20293	0.36	ng		100
28) Fluoranthene	19.134	202	27752	0.37	ng		99
30) Pyrene	19.496	202	26061	0.40	ng		100
32) Benzo(a)anthracene	21.250	228	22073	0.38	ng		99
33) Chrysene	21.292	228	28491	0.41	ng		98
34) Bis(2-ethylhexyl)phtha...	21.186	149	7233	0.35	ng		99
35) Indeno(1,2,3-cd)pyrene	25.724	276	31849	0.42	ng		100
37) Benzo(b)fluoranthene	22.822	252	27198	0.38	ng		97
38) Benzo(k)fluoranthene	22.863	252	28655	0.40	ng		99
39) Benzo(a)pyrene	23.390	252	23358	0.39	ng	#	95
40) Dibenzo(a,h)anthracene	25.738	278	26146	0.39	ng		99
41) Benzo(g,h,i)perylene	26.406	276	27588	0.39	ng		99

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

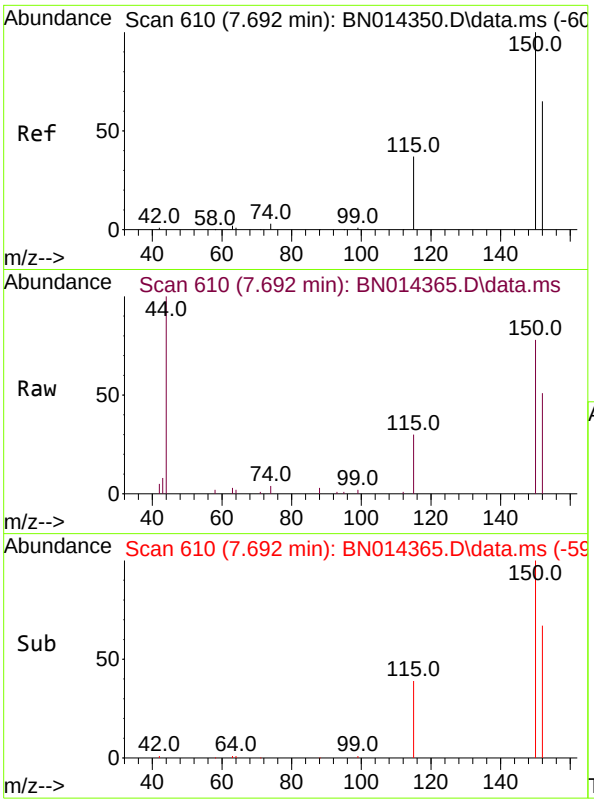
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
Data File : BN014365.D
Acq On : 21 Apr 2021 22:14
Operator : CG/JU
Sample : PB135901BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135901BS

Quant Time: Apr 22 01:54:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 13:57:02 2021
Response via : Initial Calibration



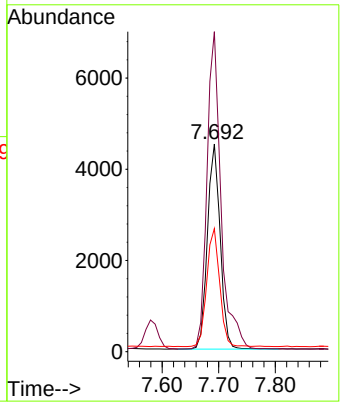
Instrument :
BNA_N
ClientSampleId :
PB135901BS

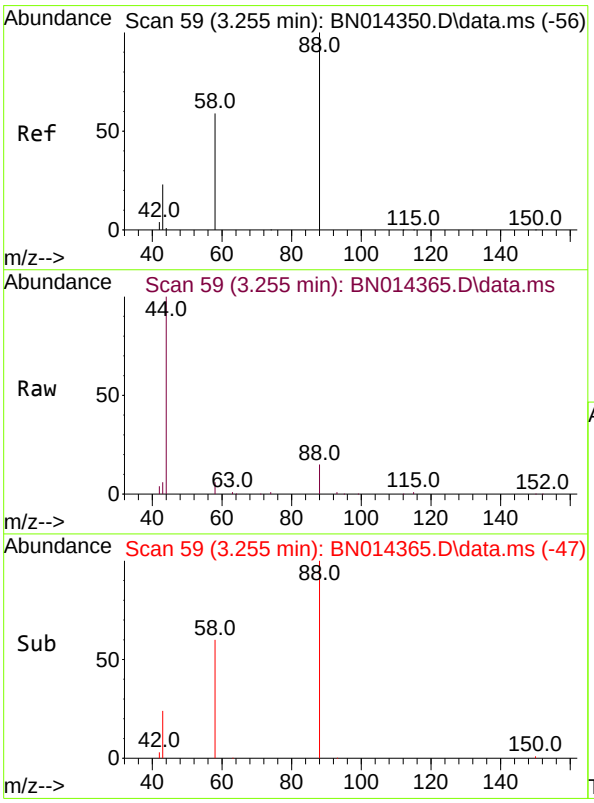


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:152 Resp: 7058

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.4	185.2
115	59.3	47.5	71.3

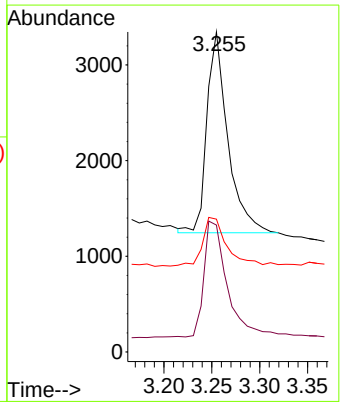




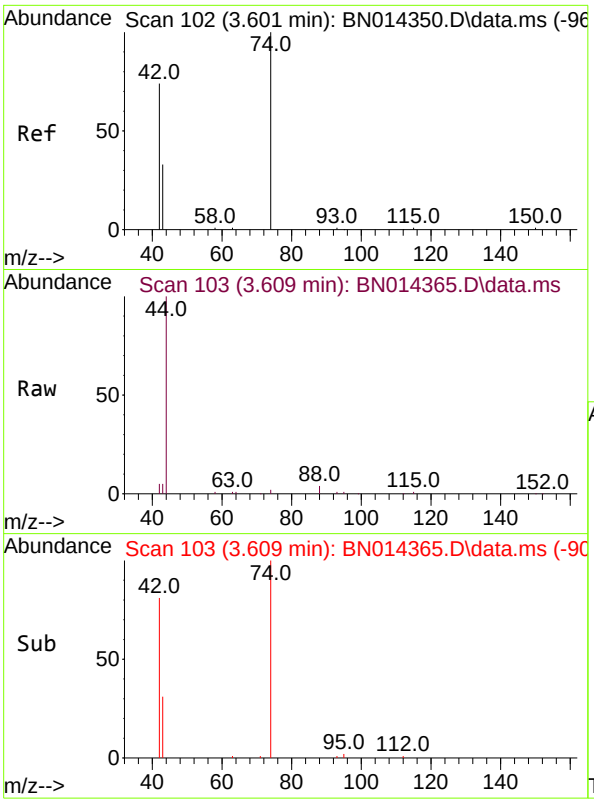
#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.255 min Scan# 59
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion: 88 Resp: 3181

Ion	Ratio	Lower	Upper
88	100		
58	66.1	52.2	78.2
43	28.4	20.6	30.8



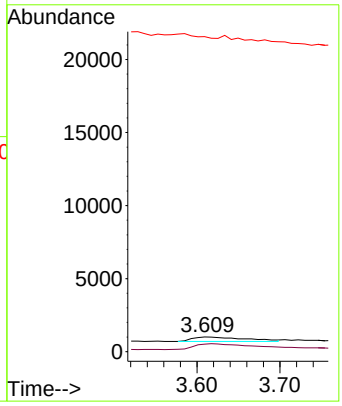
Instrument :
BNA_N
ClientSampleId :
PB135901BS

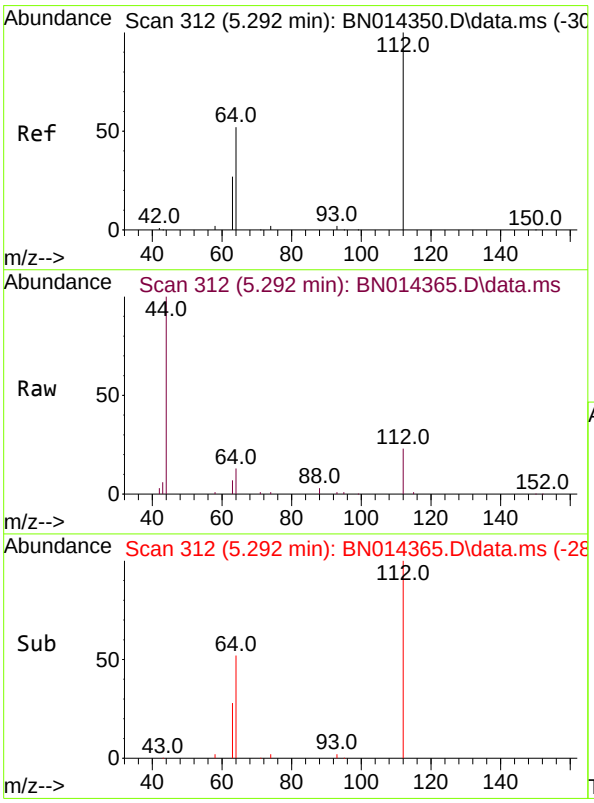


#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.609 min Scan# 103
Delta R.T. 0.008 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion: 42 Resp: 1413

Ion	Ratio	Lower	Upper
42	100		
74	135.9	108.0	162.0
44	0.0	0.0	0.0

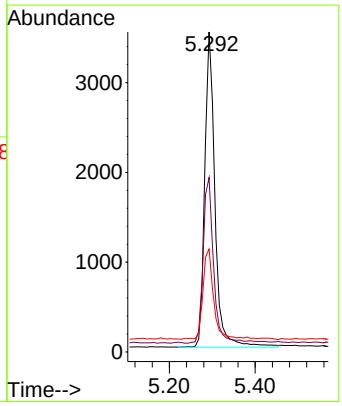




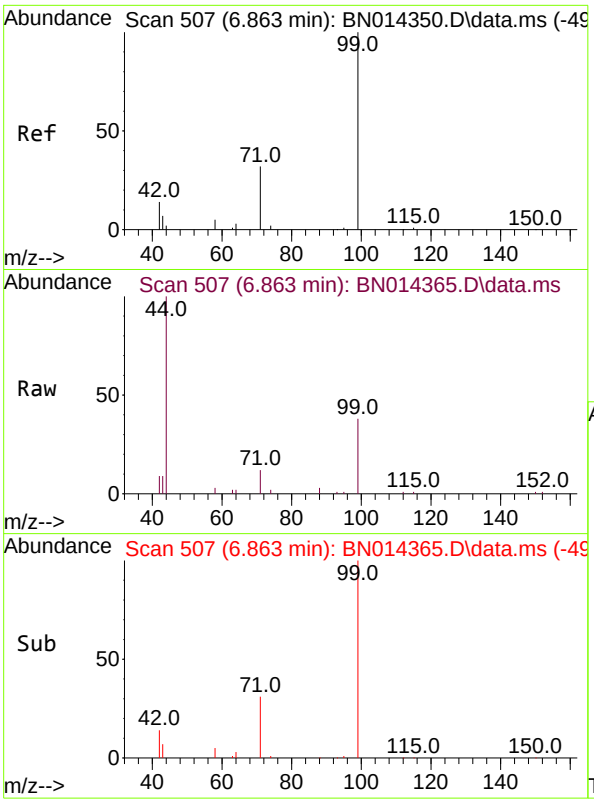
#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:112 Resp: 5770

Ion	Ratio	Lower	Upper
112	100		
64	53.5	43.0	64.6
63	30.4	23.4	35.0



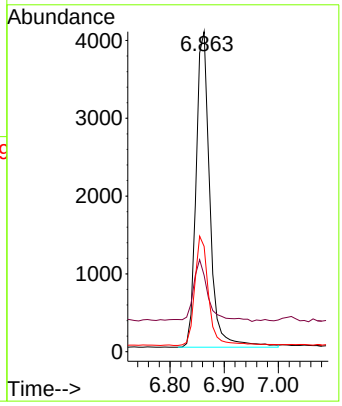
Instrument :
BNA_N
ClientSampleId :
PB135901BS

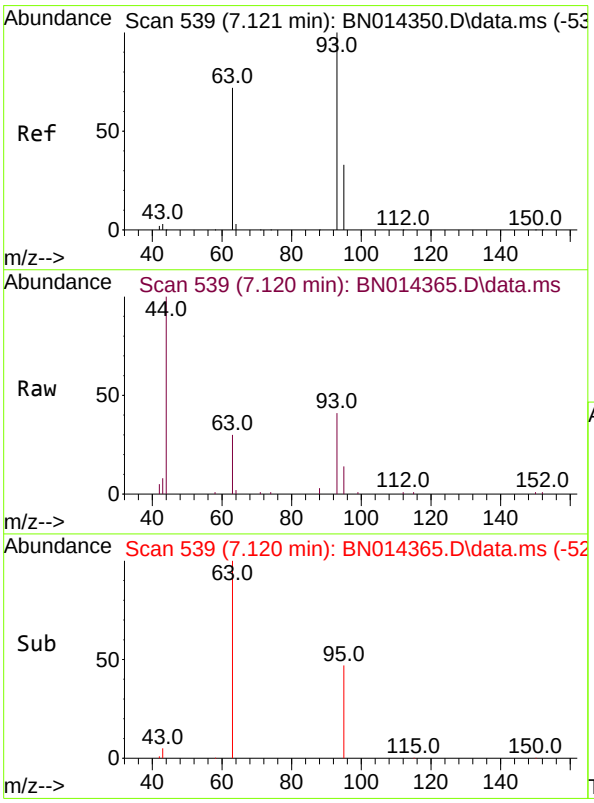


#5
Phenol-d6
Concen: 0.40 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion: 99 Resp: 7166

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.0	24.0
71	34.9	27.8	41.8

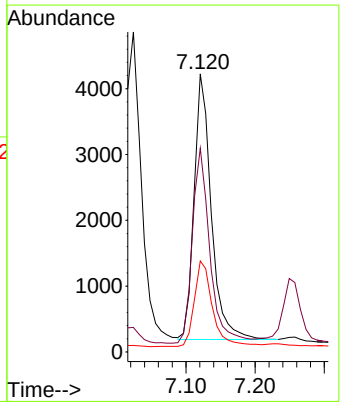




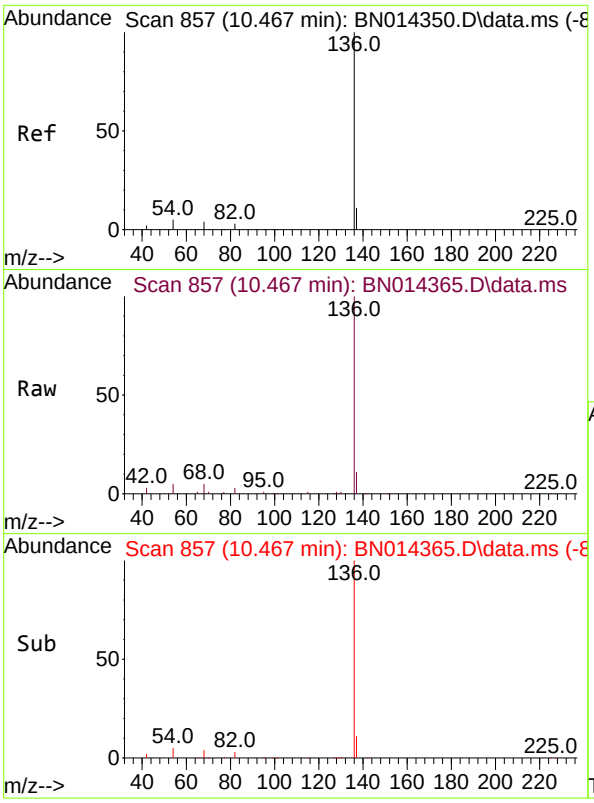
#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 7.120 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion: 93 Resp: 6972

Ion	Ratio	Lower	Upper
93	100		
63	74.6	59.4	89.2
95	34.5	27.0	40.4



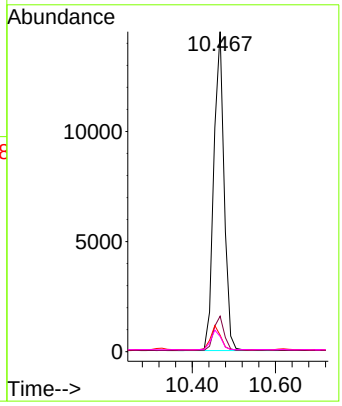
Instrument :
BNA_N
ClientSampleId :
PB135901BS

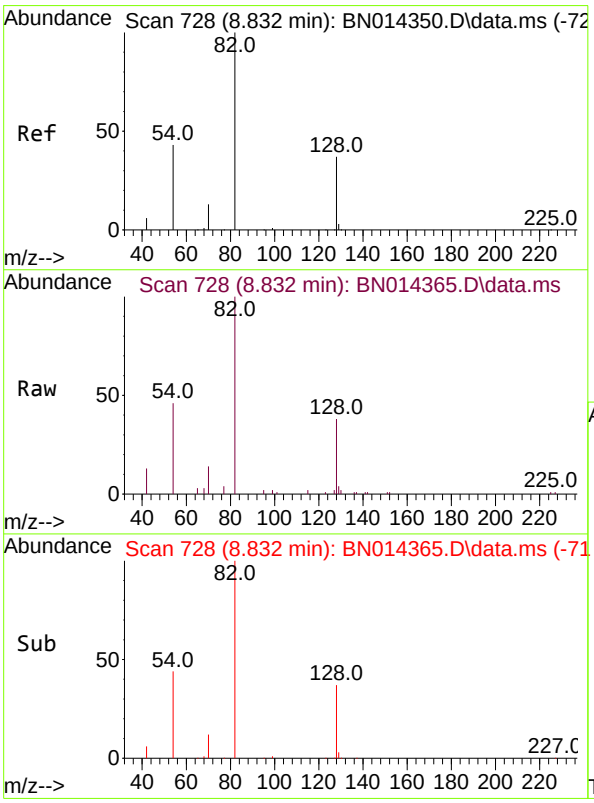


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:136 Resp: 24898

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.2	4.4	6.6
68	4.7	3.9	5.9

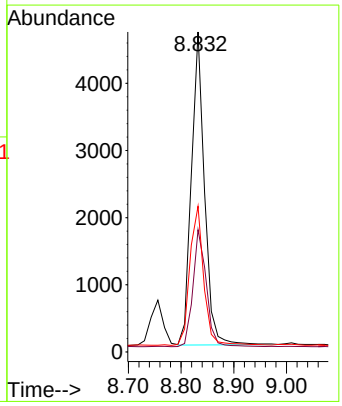




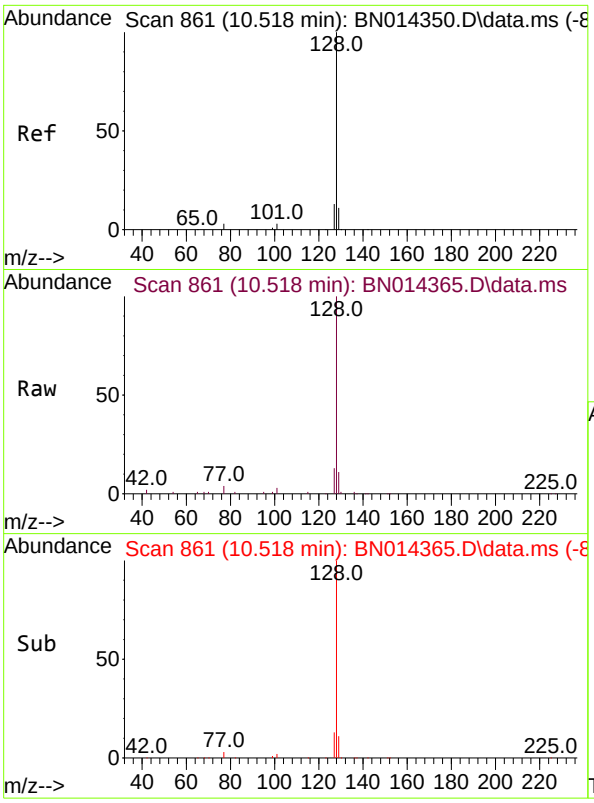
#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion: 82 Resp: 8093

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.3	45.5
54	45.6	35.8	53.8



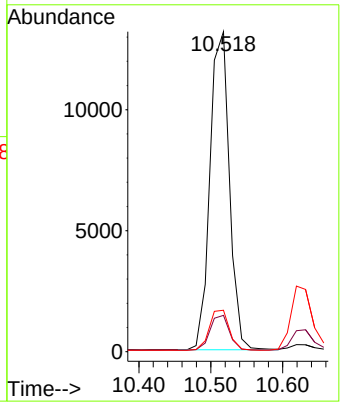
Instrument :
BNA_N
ClientSampleId :
PB135901BS

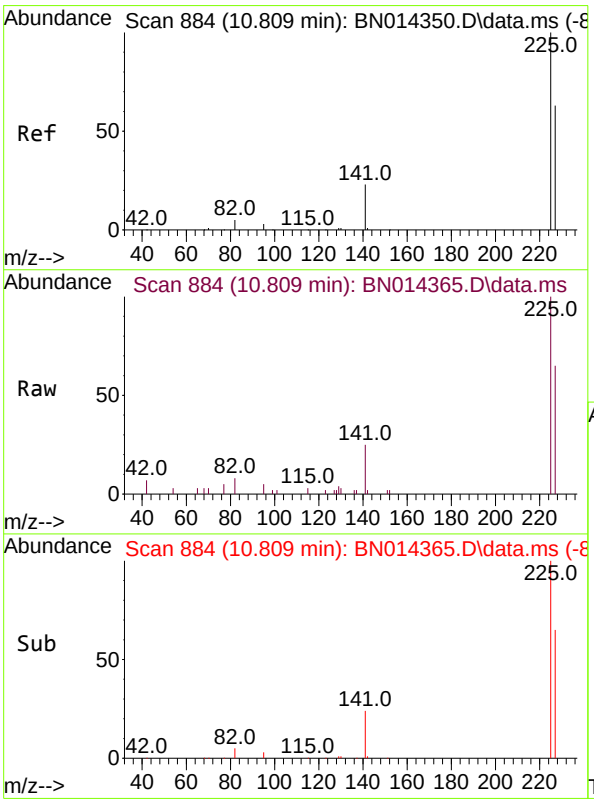


#9
Naphthalene
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:128 Resp: 24700

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.0	10.3	15.5

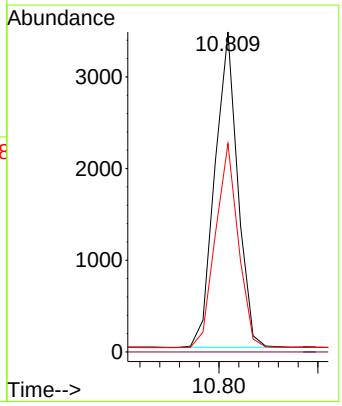




#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.809 min Scan# 884
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:225 Resp: 5523

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.6	75.8



Instrument :
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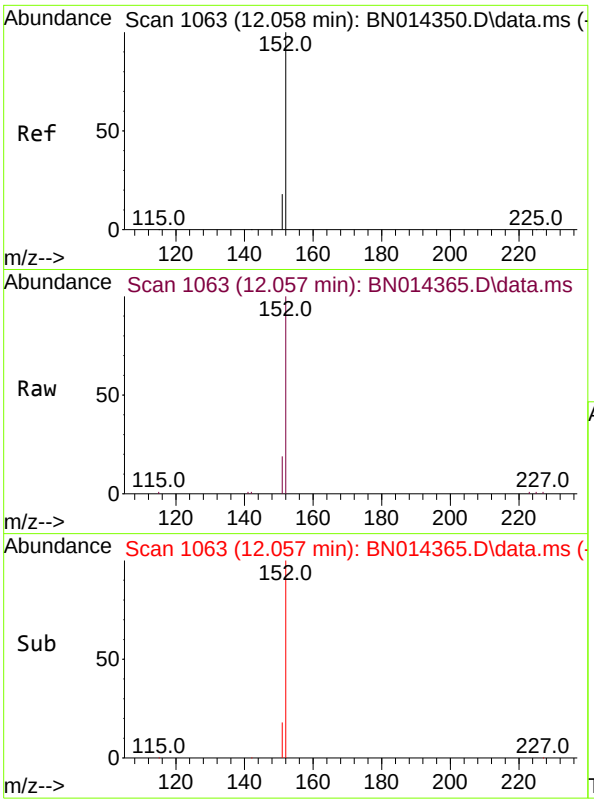
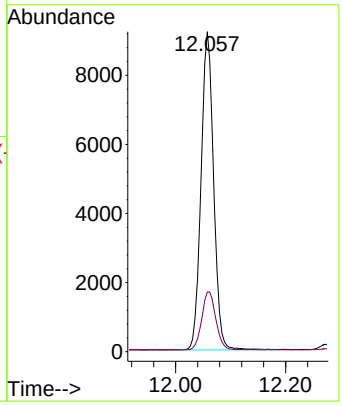
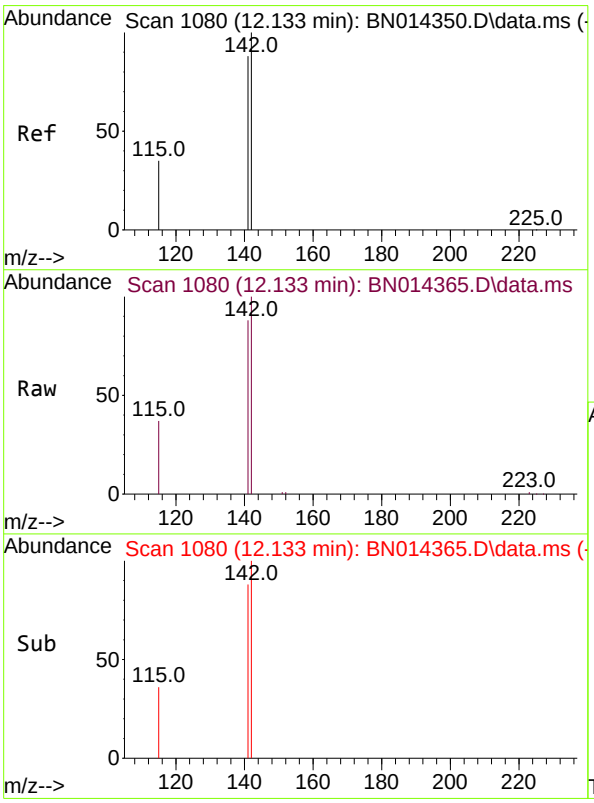


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:152 Resp: 14614

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5

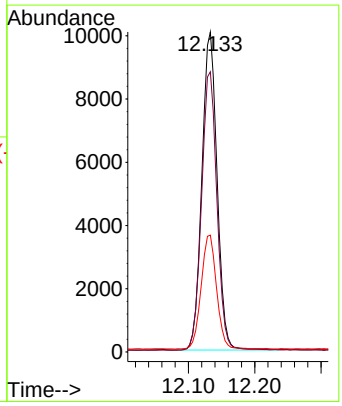




#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.133 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:142 Resp: 16010

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	105.8
115	36.5	29.0	43.6



Instrument :
BNA_N
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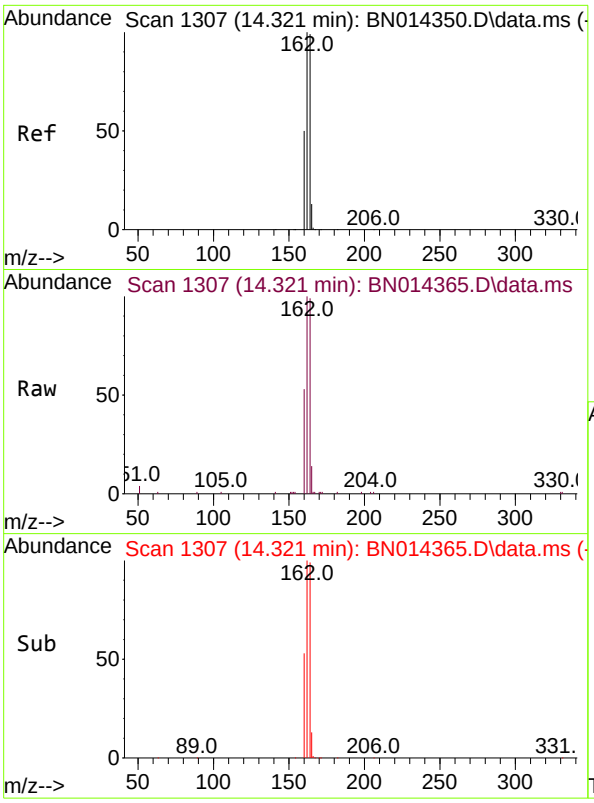
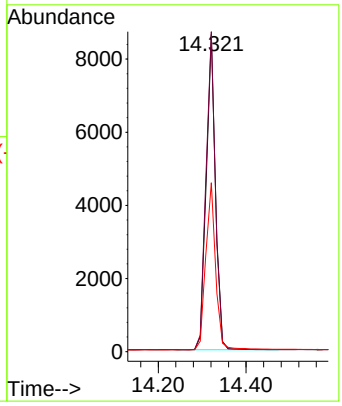
PB135901BS

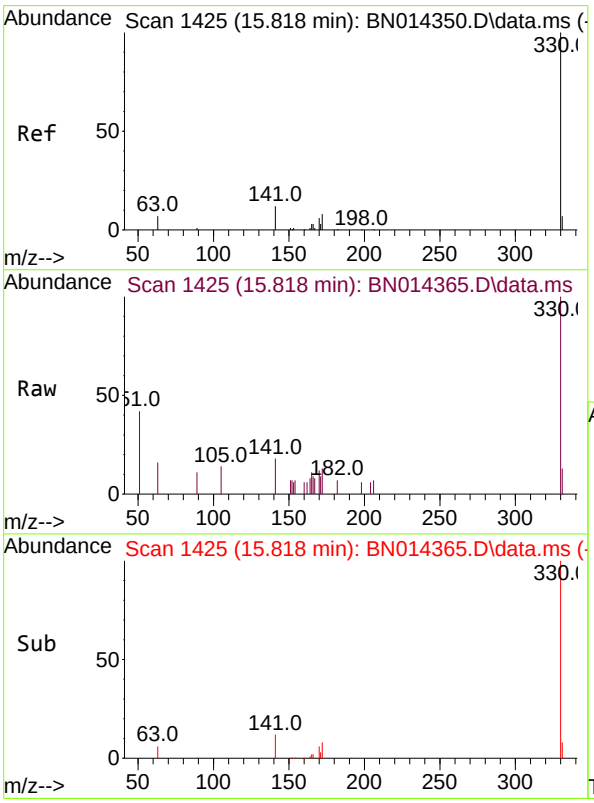


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:164 Resp: 12591

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.6
160	53.3	40.7	61.1

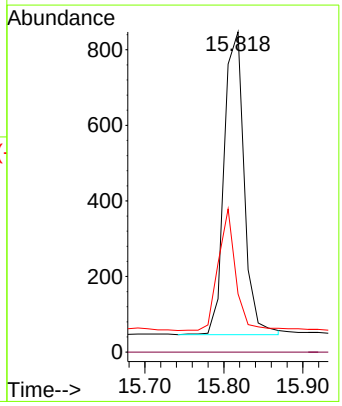


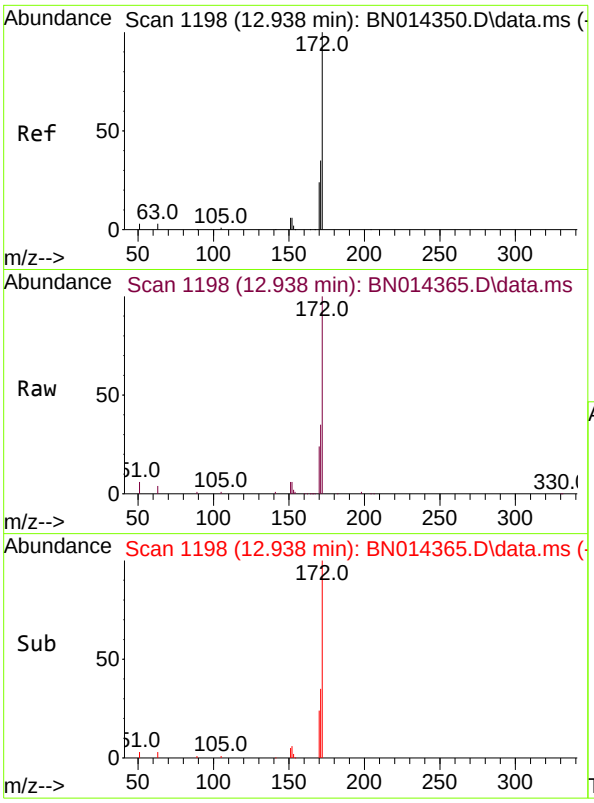


#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:330 Resp: 1410

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	26.2	39.2

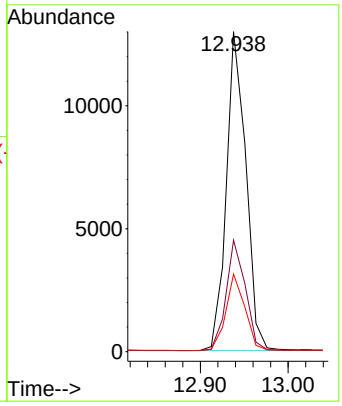




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:172 Resp: 19989

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	24.3	19.6	29.4



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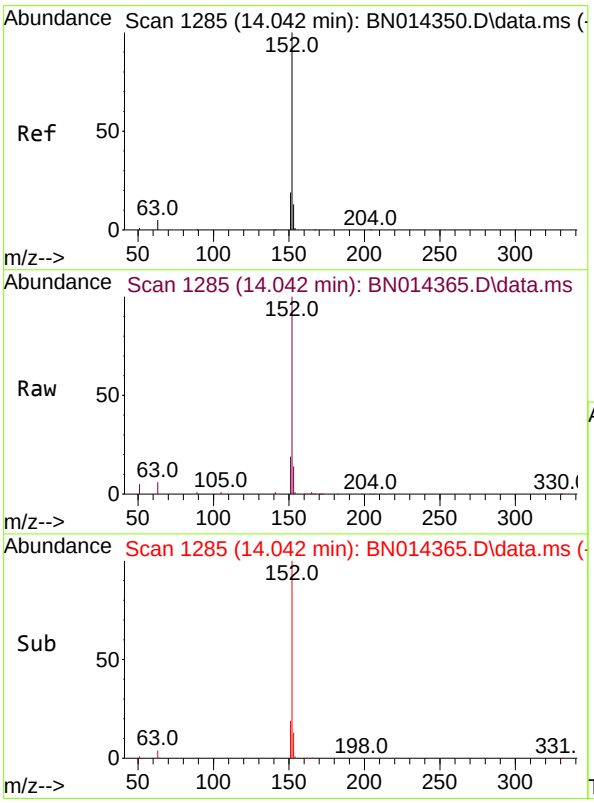
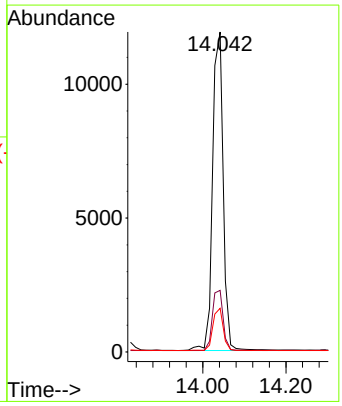


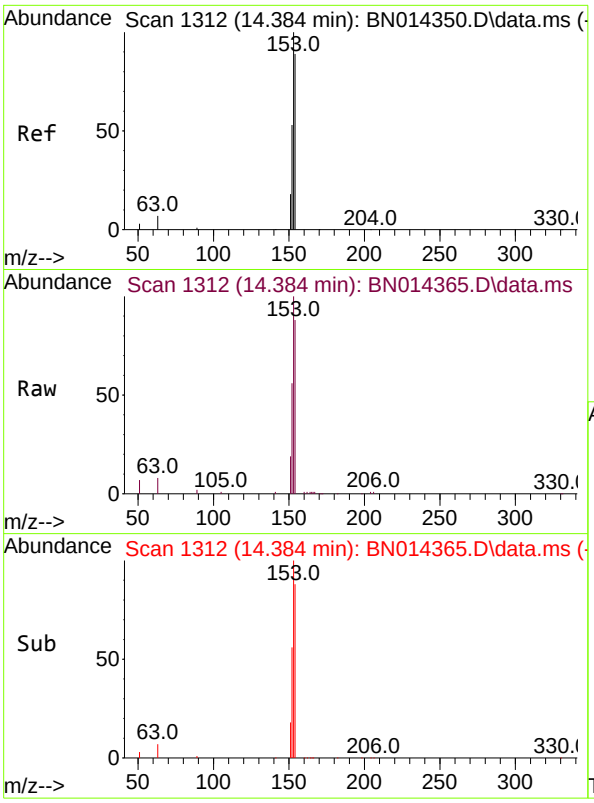
#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.042 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:152 Resp: 21008

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.1	10.5	15.7



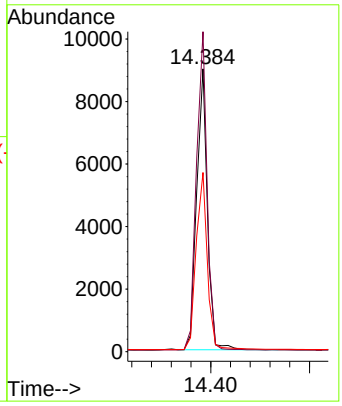
Instrument :
BNA_N
ClientSampleId :
PB135901BS

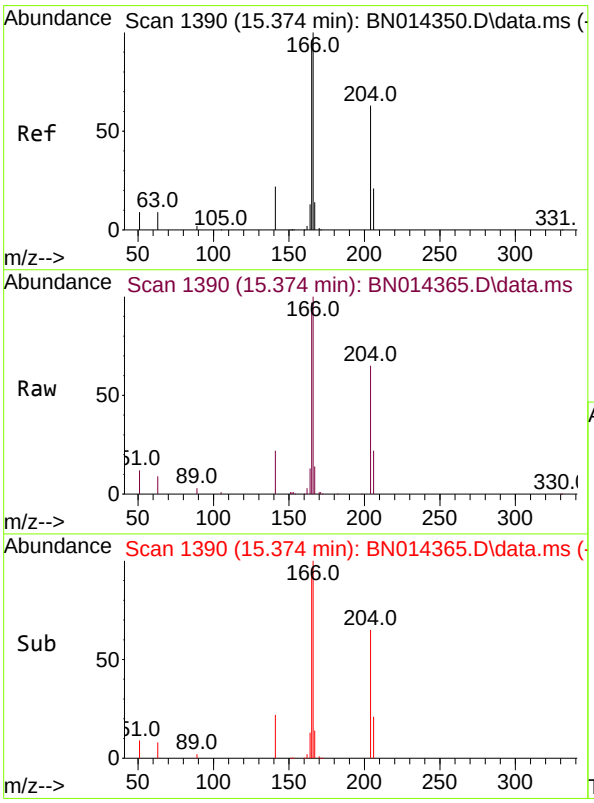


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:154 Resp: 13504

Ion	Ratio	Lower	Upper
154	100		
153	113.3	89.2	133.8
152	66.3	49.0	73.4

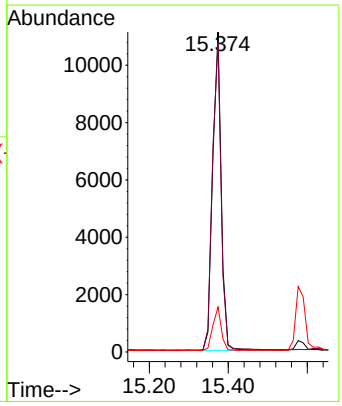




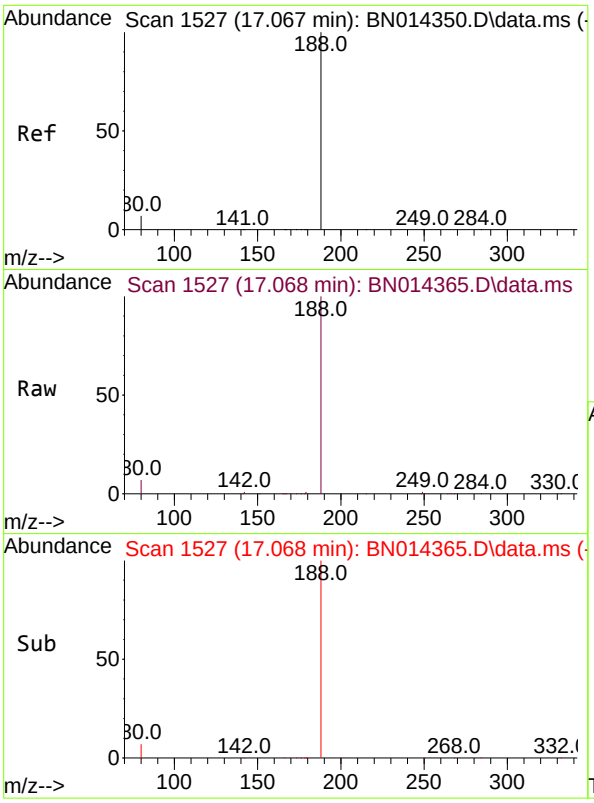
#18
Fluorene
Concen: 0.38 ng
RT: 15.374 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:166 Resp: 16690

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	118.0
167	13.5	10.9	16.3



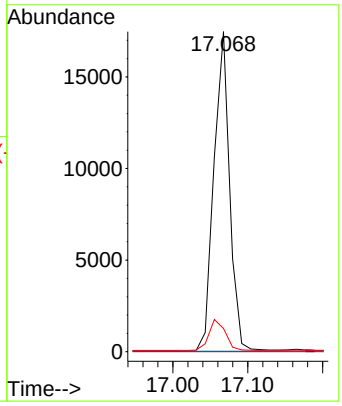
Instrument :
BNA_N
ClientSampleId :
PB135901BS

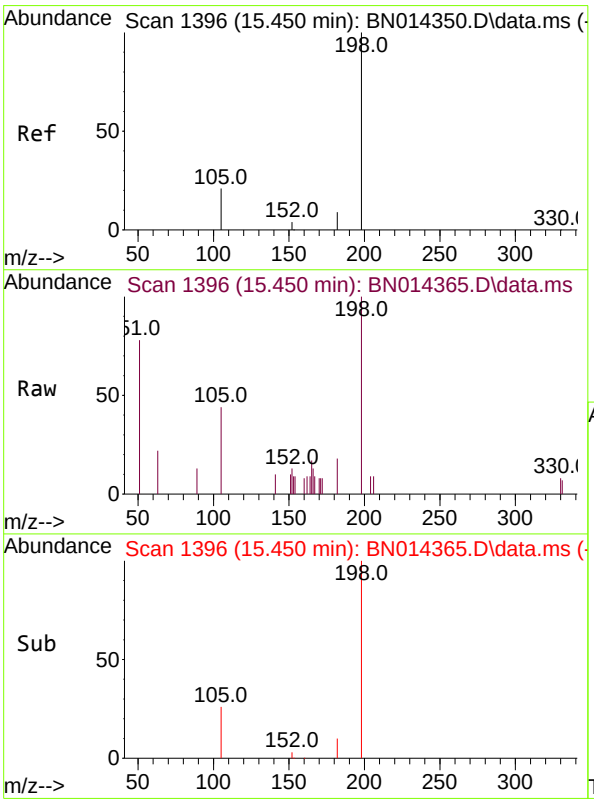


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:188 Resp: 25350

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.2	9.4

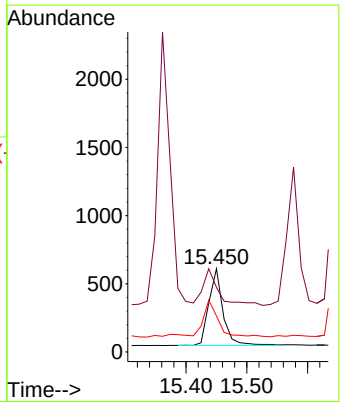




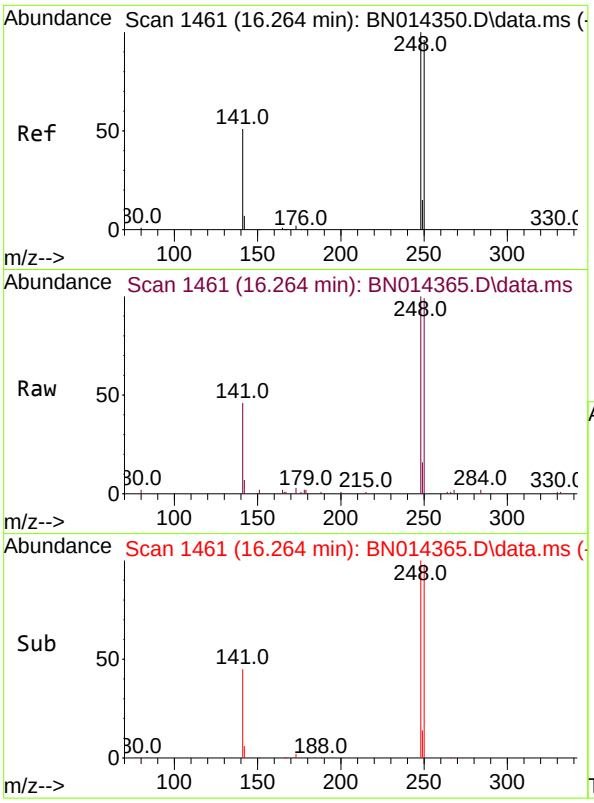
#20
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:198 Resp: 915

Ion	Ratio	Lower	Upper
198	100		
51	77.6	60.0	90.0
105	43.5	31.5	47.3



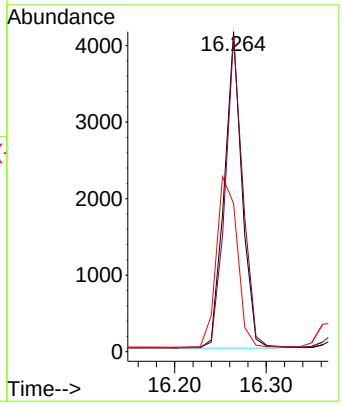
Instrument :
BNA_N
ClientSampleId :
PB135901BS

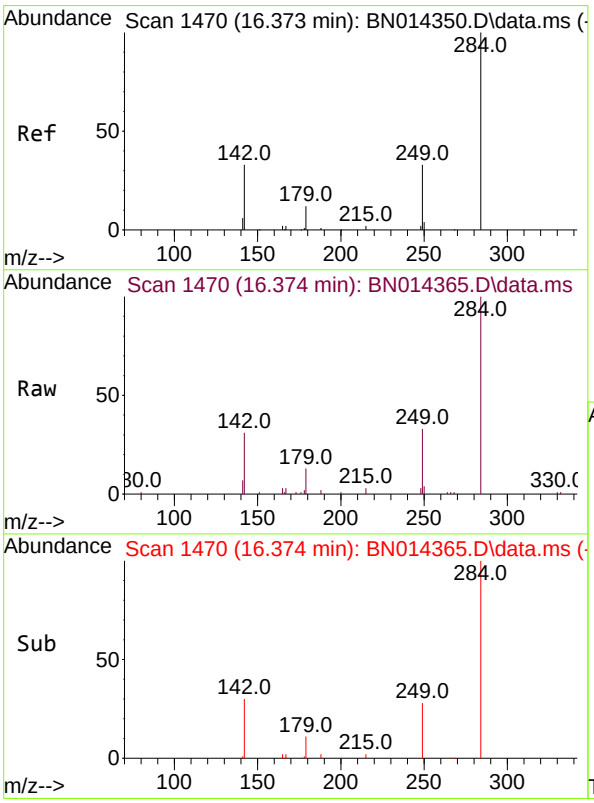


#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.264 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:248 Resp: 5562

Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.4	116.0
141	46.3	41.4	62.0

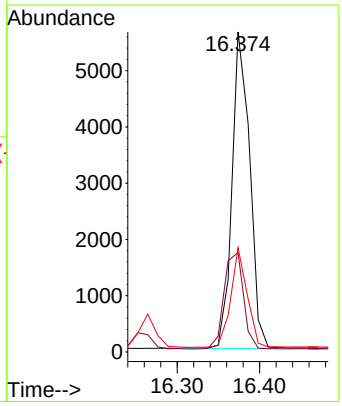




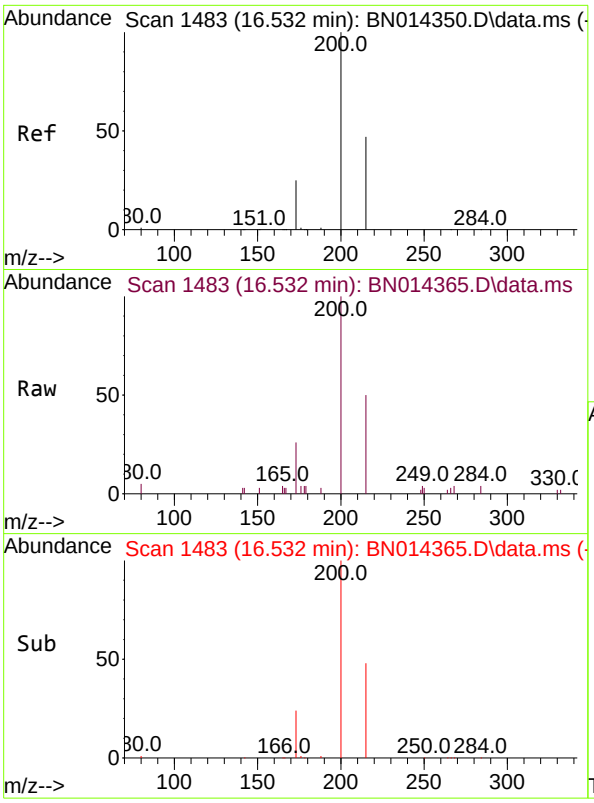
#22
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.374 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:284 Resp: 8373

Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.5	39.7
249	29.2	24.0	36.0



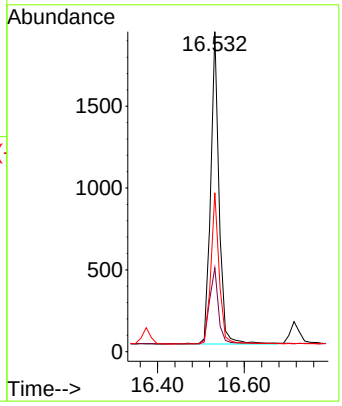
Instrument :
BNA_N
ClientSampleId :
PB135901BS

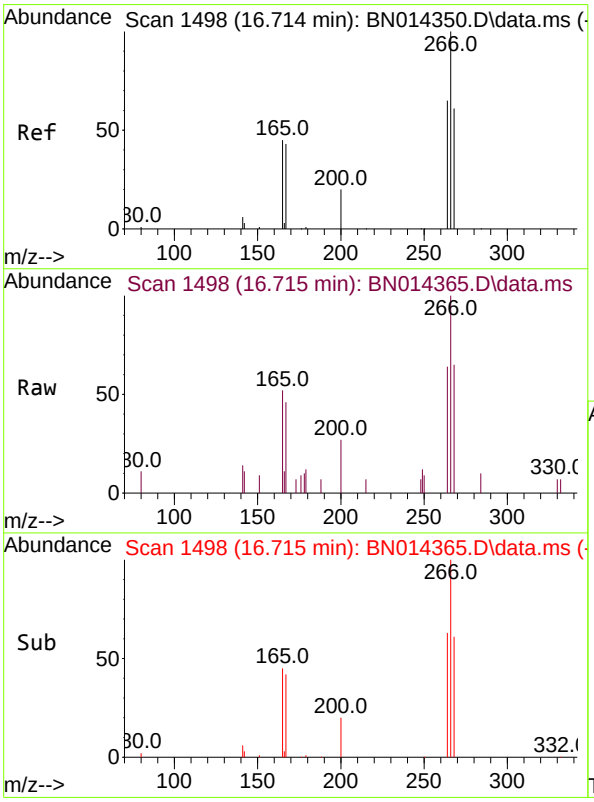


#23
Atrazine
Concen: 0.31 ng
RT: 16.532 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:200 Resp: 2565

Ion	Ratio	Lower	Upper
200	100		
173	26.2	21.0	31.6
215	49.6	38.7	58.1

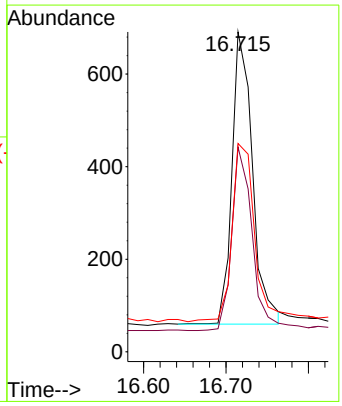




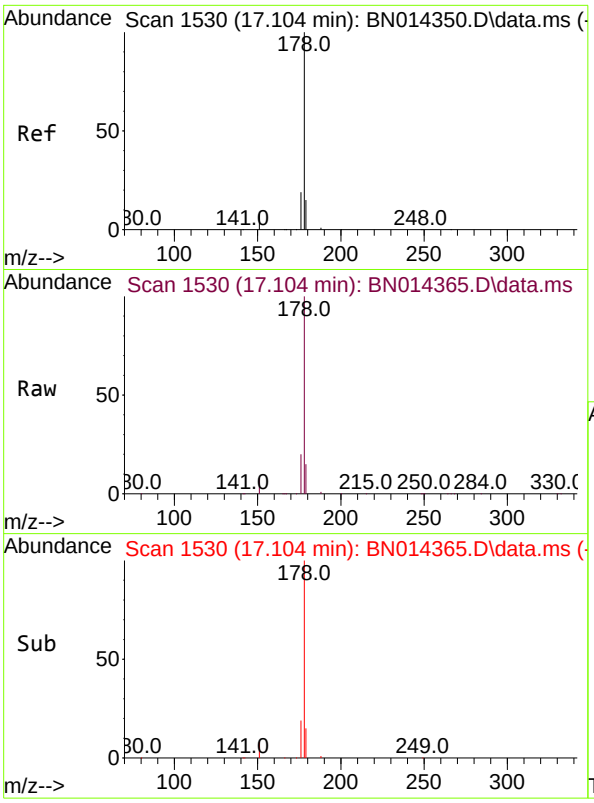
#24
Pentachlorophenol
Concen: 0.30 ng
RT: 16.715 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:266 Resp: 1088

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.6	76.0
268	66.5	51.4	77.0



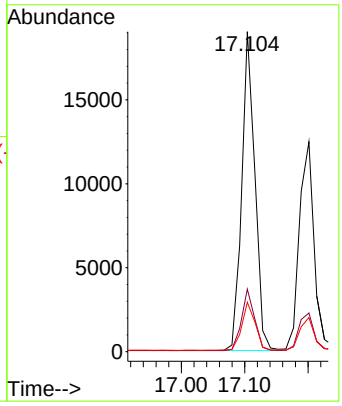
Instrument :
BNA_N
ClientSampleId :
PB135901BS

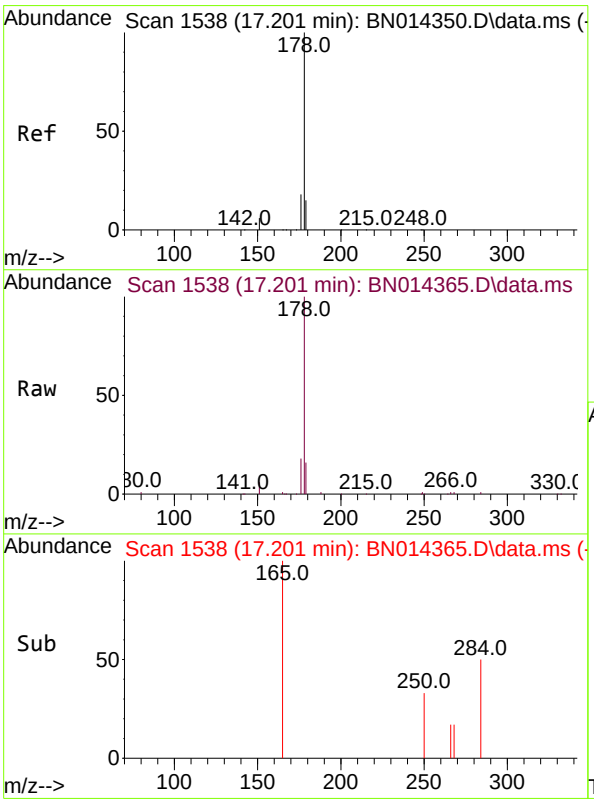


#25
Phenanthrene
Concen: 0.38 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:178 Resp: 27385

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.2	18.4

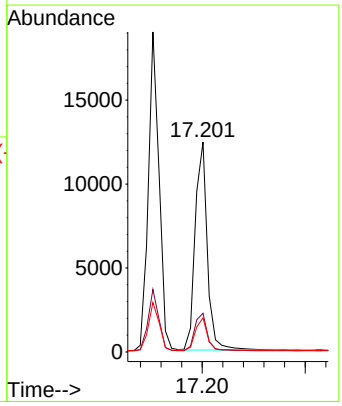




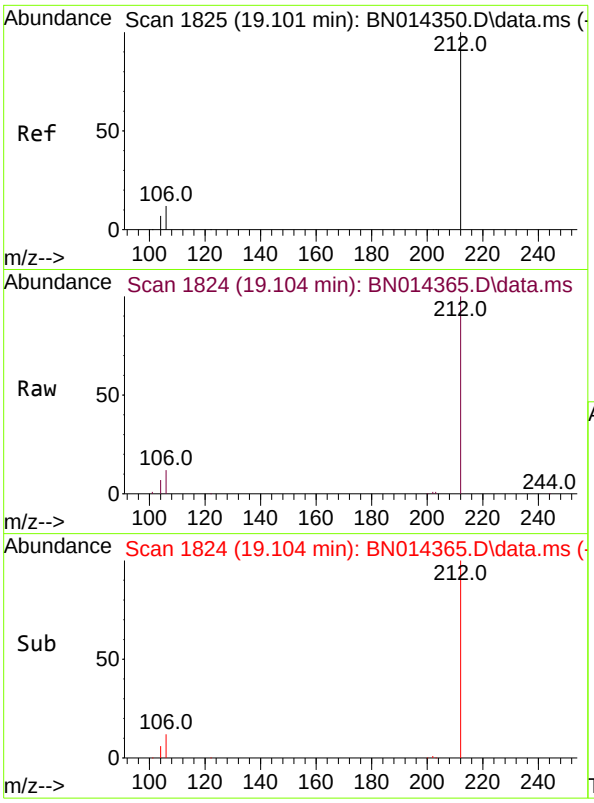
#26
Anthracene
Concen: 0.36 ng
RT: 17.201 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:178 Resp: 20293

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.2	18.2



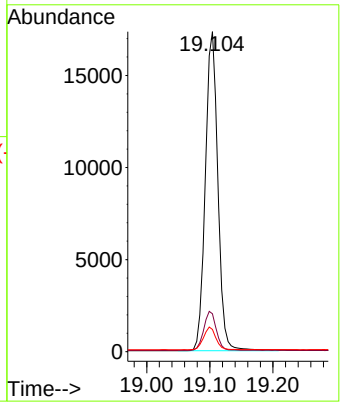
Instrument :
BNA_N
ClientSampleId :
PB135901BS

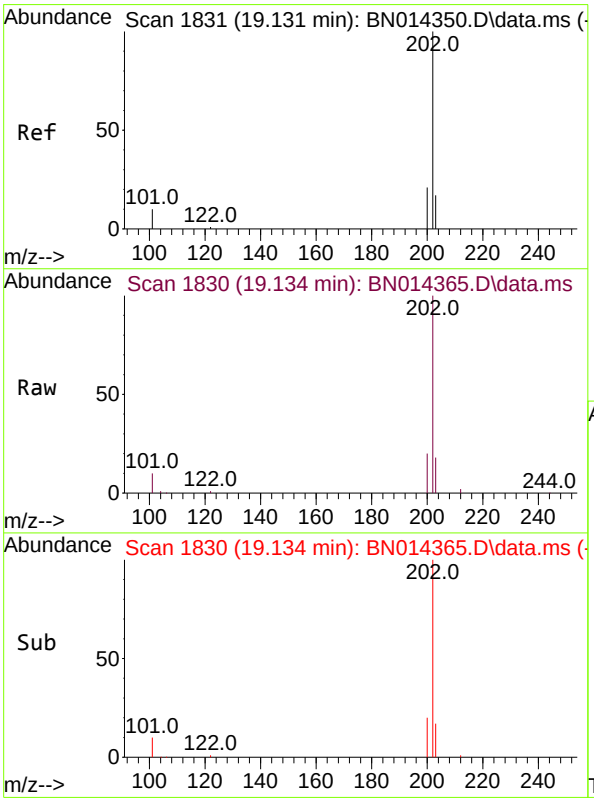


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.104 min Scan# 1824
Delta R.T. 0.003 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:212 Resp: 23819

Ion	Ratio	Lower	Upper
212	100		
106	12.4	9.7	14.5
104	7.1	5.4	8.0

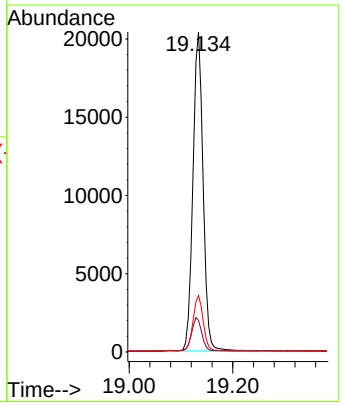




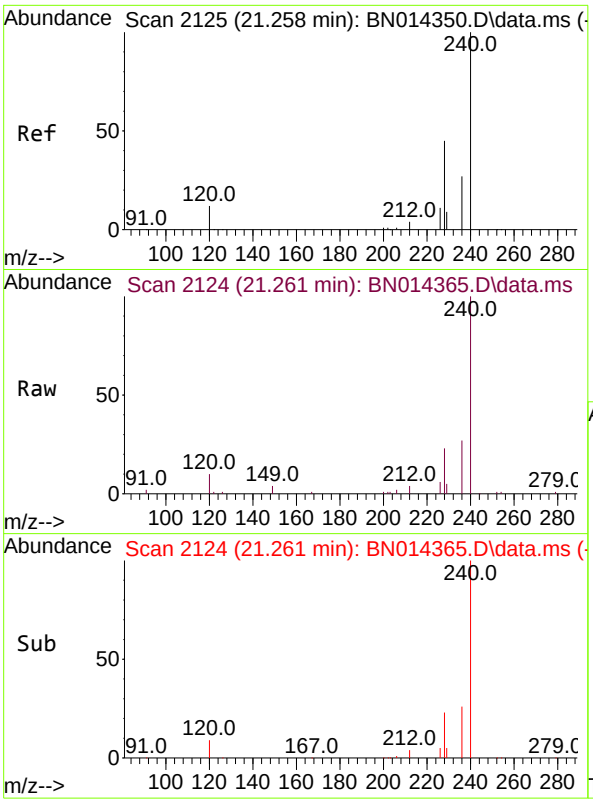
#28
Fluoranthene
Concen: 0.37 ng
RT: 19.134 min Scan# 1830
Delta R.T. 0.003 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:202 Resp: 27752

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.4
203	17.4	13.8	20.6



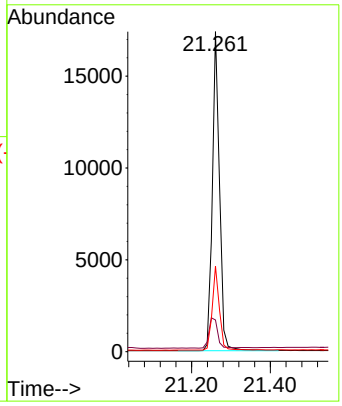
Instrument :
BNA_N
ClientSampleId :
PB135901BS

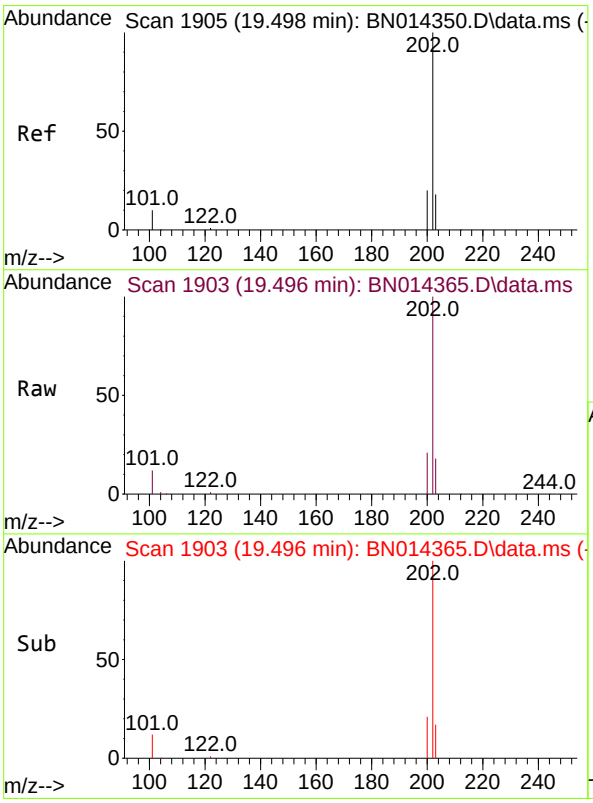


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:240 Resp: 22044

Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.7	16.1#
236	26.7	21.5	32.3

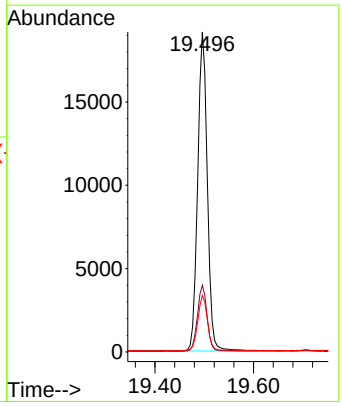




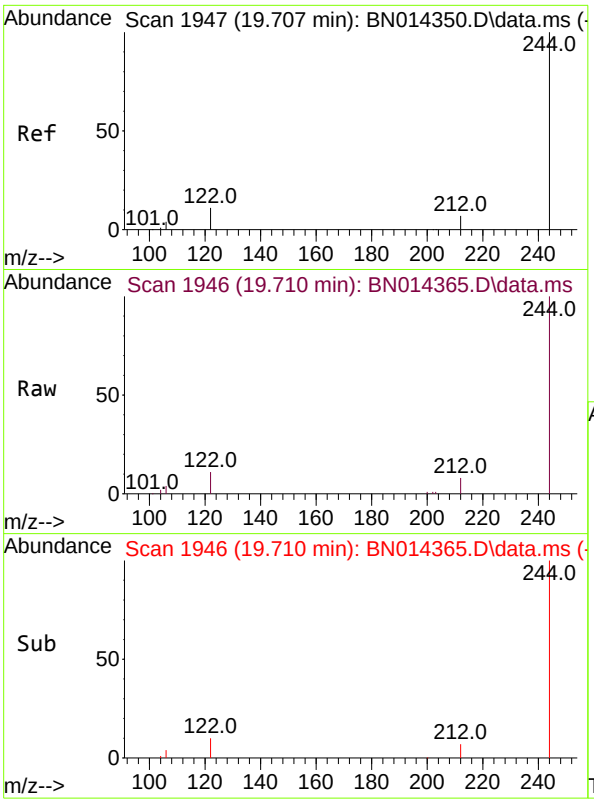
#30
Pyrene
Concen: 0.40 ng
RT: 19.496 min Scan# 1903
Delta R.T. -0.002 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:202 Resp: 26061

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	24.8
203	17.3	14.1	21.1



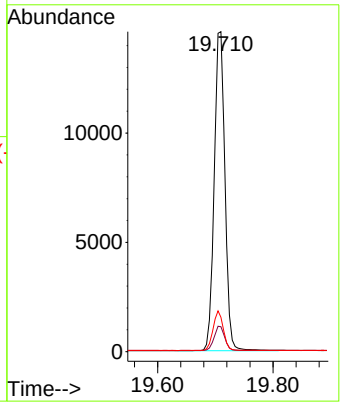
Instrument :
BNA_N
ClientSampleId :
PB135901BS

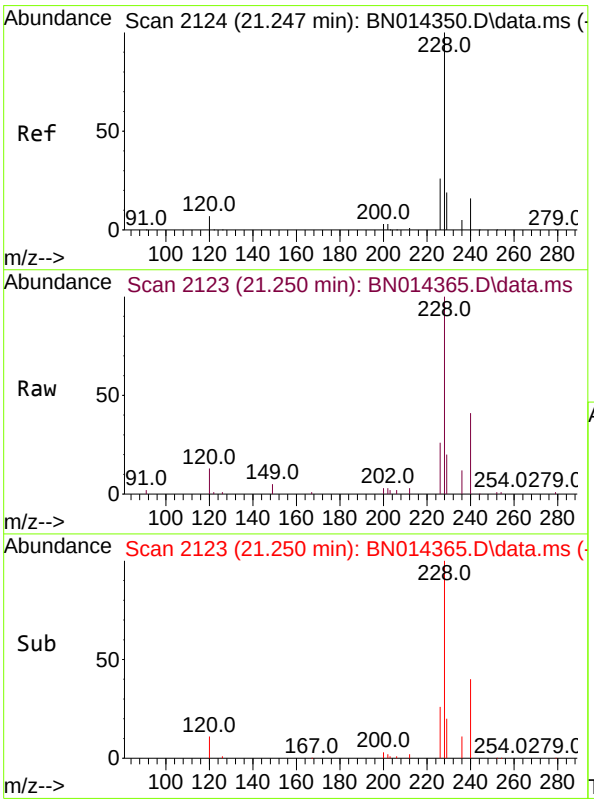


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.710 min Scan# 1946
Delta R.T. 0.003 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:244 Resp: 18746

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.8	9.3	13.9

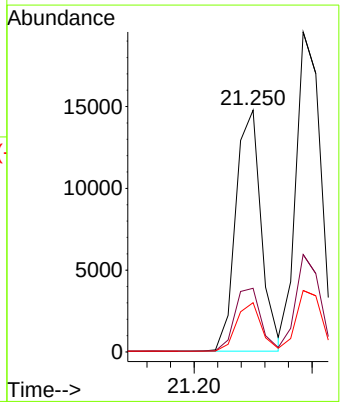




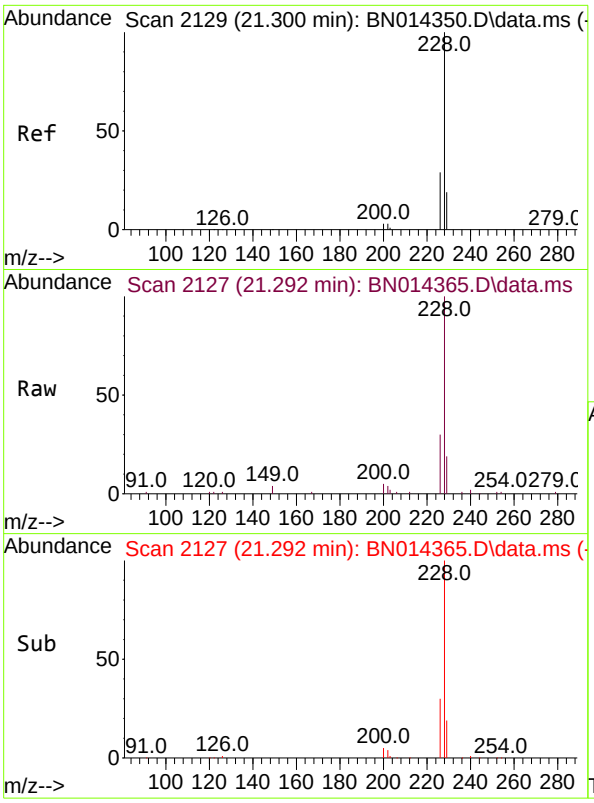
#32
Benzo(a)anthracene
Concen: 0.38 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.003 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:228 Resp: 22073

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.4	15.7	23.5



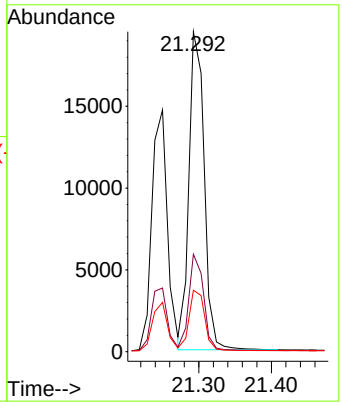
Instrument :
BNA_N
ClientSampleId :
PB135901BS

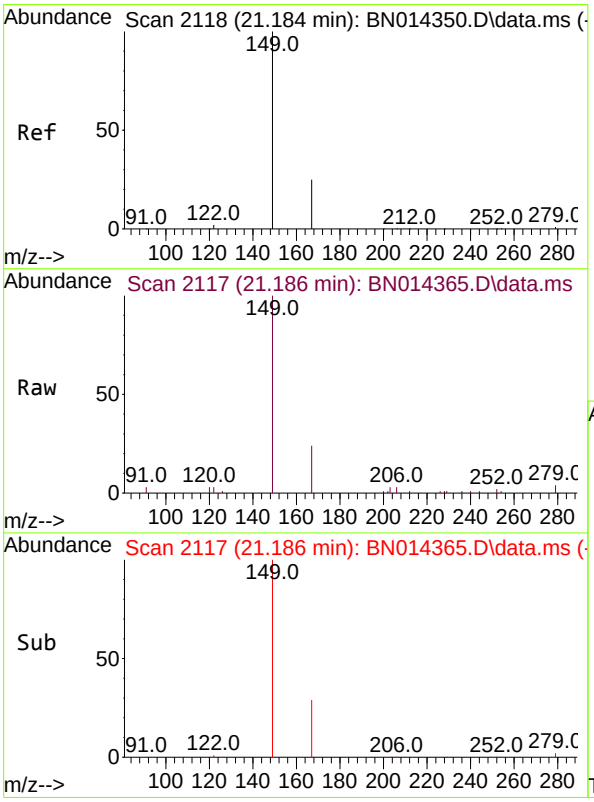


#33
Chrysene
Concen: 0.41 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:228 Resp: 28491

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.1	34.7
229	19.2	15.7	23.5

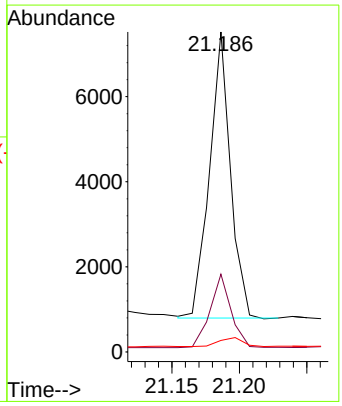




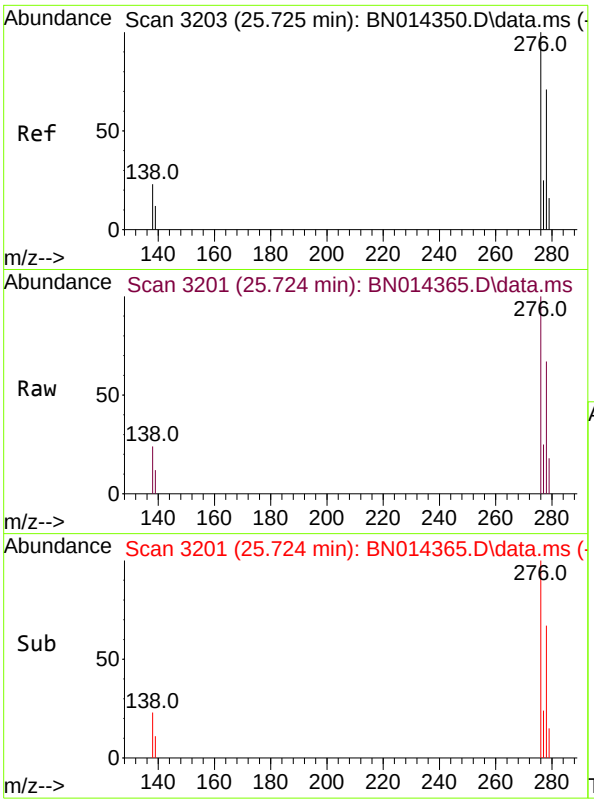
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.186 min Scan# 2117
Delta R.T. 0.003 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:149 Resp: 7233

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.7	3.1	4.7



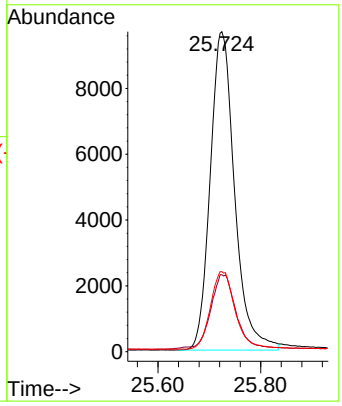
Instrument :
BNA_N
ClientSampleId :
PB135901BS

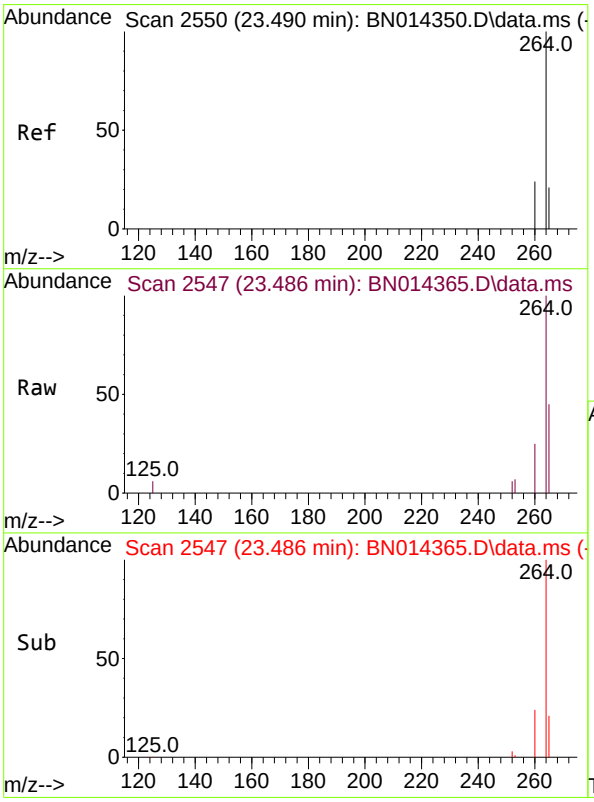


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 25.724 min Scan# 3201
Delta R.T. -0.001 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:276 Resp: 31849

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.9	28.3
277	24.7	19.8	29.8

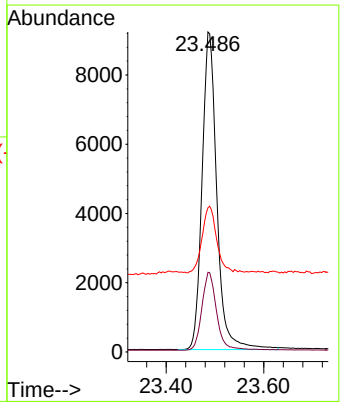




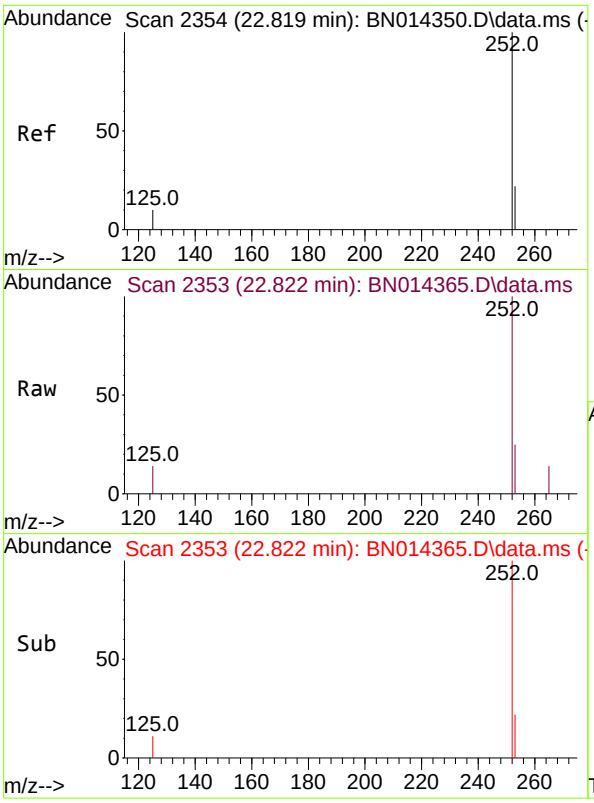
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.486 min Scan# 2547
Delta R.T. -0.004 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:264 Resp: 19255

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	45.1	34.4	51.6



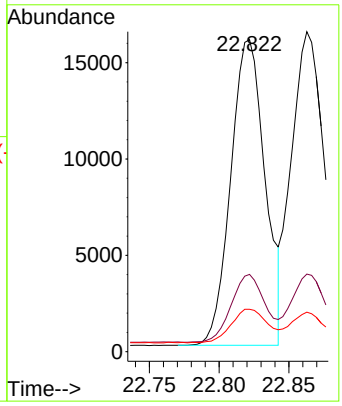
Instrument :
BNA_N
ClientSampleId :
PB135901BS

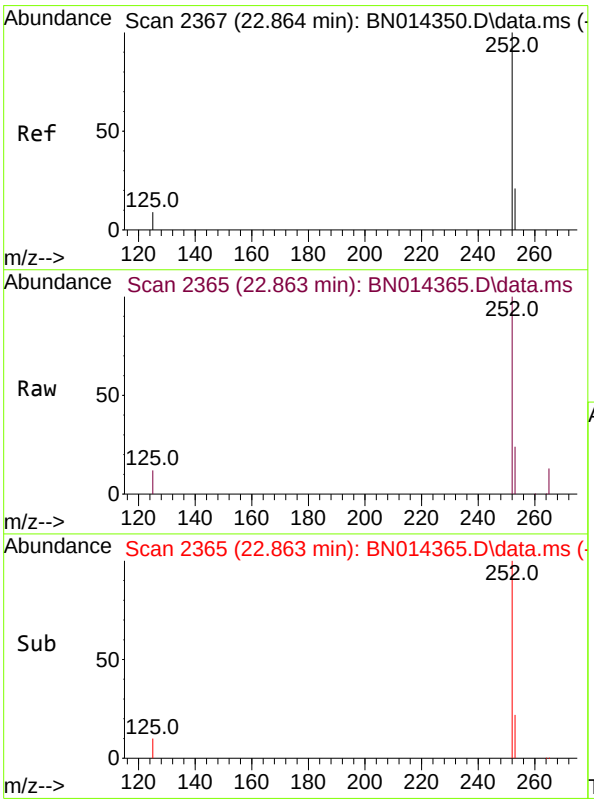


#37
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.822 min Scan# 2353
Delta R.T. 0.003 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:252 Resp: 27198

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.0	28.6
125	13.6	9.7	14.5

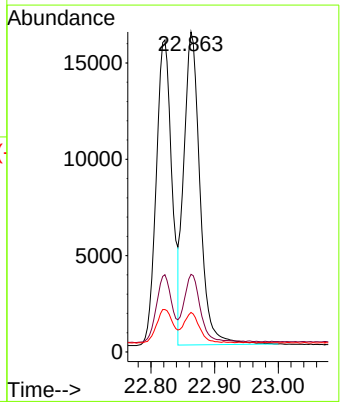


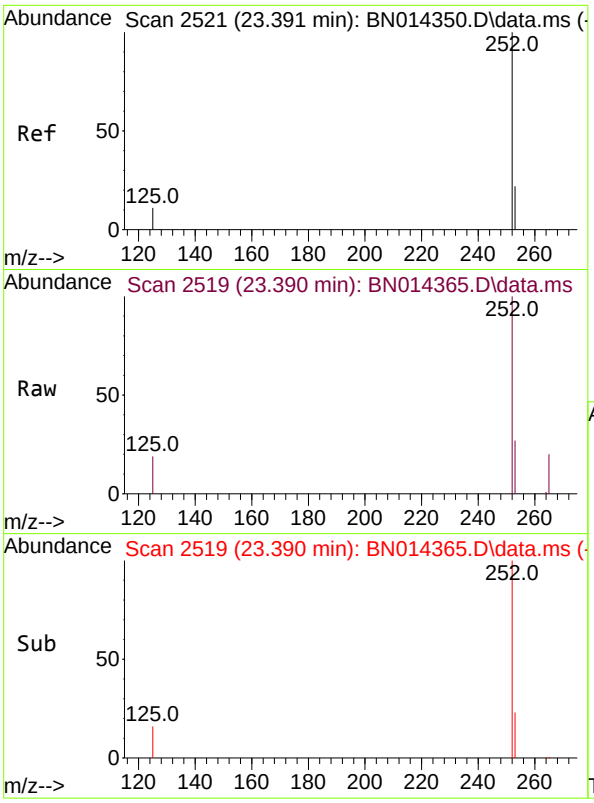


#38
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.863 min Scan# 2365
Delta R.T. -0.001 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:252 Resp: 28655

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.3	28.9
125	12.3	9.4	14.2

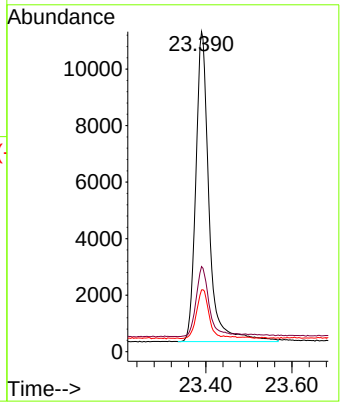




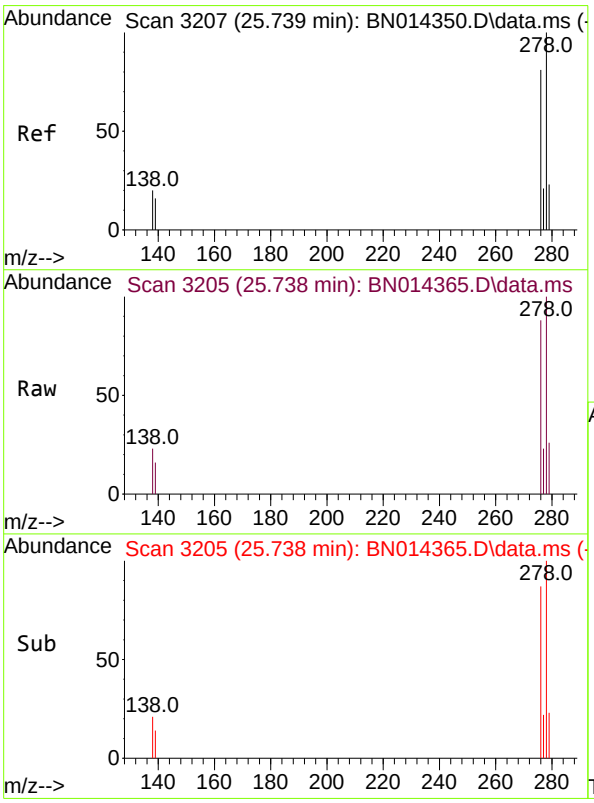
#39
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.390 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:252 Resp: 23358

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.7	31.1
125	19.3	11.8	17.6#



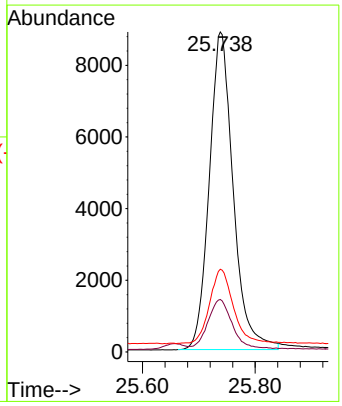
Instrument :
BNA_N
ClientSampleId :
PB135901BS

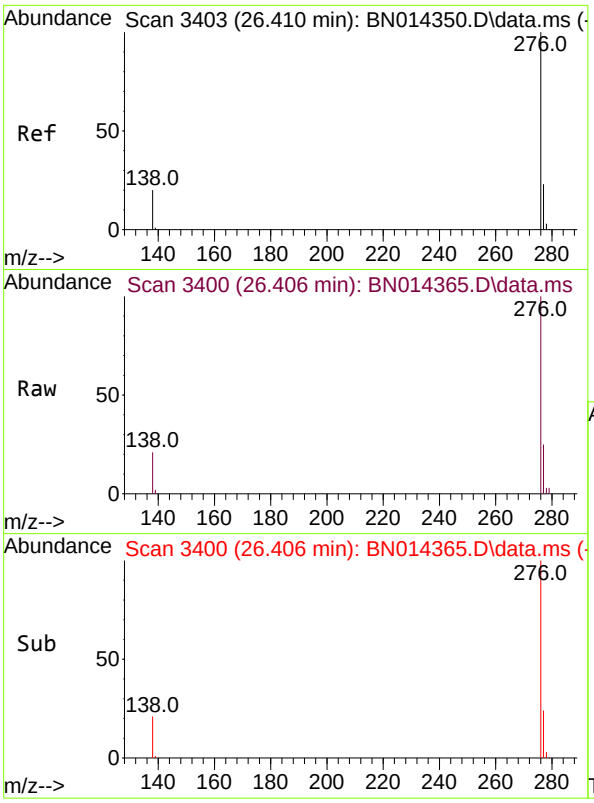


#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.738 min Scan# 3205
Delta R.T. -0.001 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:278 Resp: 26146

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.3	19.9
279	25.9	20.2	30.2

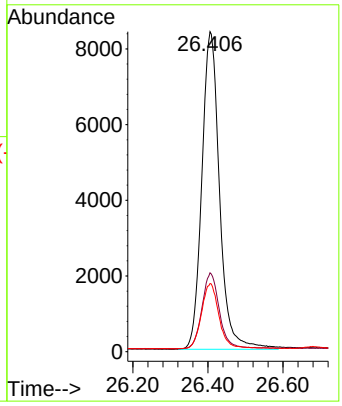




#41
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 26.406 min Scan# 3400
Delta R.T. -0.004 min
Lab File: BN014365.D
Acq: 21 Apr 2021 22:14

Tgt Ion:276 Resp: 27588

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.1	28.7
138	21.3	16.7	25.1



Instrument :
BNA_N
ClientSampleId :
PB135901BS