Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN015549.D
Acq On : 07 May 2021 22:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 08 01:59:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	851	0.40	ng		# 0.00
7) Naphthalene-d8	10.543	136	3148	0.40	ng		# 0.00
13) Acenaphthene-d10	14.397	164	2099	0.40	ng		0.00
19) Phenanthrene-d10	17.141	188	4656	0.40	ng		#-0.01
29) Chrysene-d12	21.346	240	5500	0.40	ng		0.00
35) Perylene-d12	23.623	264	5597	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.349	112	914	0.38	ng		0.00
5) Phenol-d6	6.911	99	1264	0.38	ng		0.00
8) Nitrobenzene-d5	8.895	82	918	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.137	152	2714	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	320	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	2903	0.38	ng		-0.01
27) Fluoranthene-d10	19.183	212	6824	0.34	ng		0.00
31) Terphenyl-d14	19.789	244	5113	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	412	0.38	ng		94
3) n-Nitrosodimethylamine	3.698	42	21	0.06	ng	#	56
6) bis(2-Chloroethyl)ether	7.185	93	901	0.37	ng		94
9) Naphthalene	10.594	128	3051	0.37	ng	#	92
10) Hexachlorobutadiene	10.885	225	721	0.36	ng	#	98
12) 2-Methylnaphthalene	12.209	142	2129	0.36	ng	#	92
16) Acenaphthylene	14.118	152	2764	0.34	ng		97
17) Acenaphthene	14.460	154	2079	0.37	ng		98
18) Fluorene	15.450	166	2715	0.36	ng		99
20) 4,6-Dinitro-2-methylph...	15.526	198	146	0.45	ng	#	1
21) 4-Bromophenyl-phenylether	16.350	248	1028	0.36	ng		98
22) Hexachlorobenzene	16.459	284	1062	0.37	ng		93
23) Atrazine	16.617	200	614	0.31	ng		89
24) Pentachlorophenol	16.800	266	331	0.33	ng	#	46
25) Phenanthrene	17.189	178	4448	0.36	ng		99
26) Anthracene	17.274	178	3823	0.34	ng		99
28) Fluoranthene	19.213	202	5433	0.34	ng		98
30) Pyrene	19.576	202	5680	0.37	ng		99
32) Benzo(a)anthracene	21.324	228	5858	0.36	ng		98
33) Chrysene	21.377	228	6037	0.36	ng		99
34) Bis(2-ethylhexyl)phtha...	21.271	149	1706	0.29	ng	#	85
36) Indeno(1,2,3-cd)pyrene	25.933	276	7881	0.37	ng	#	93
37) Benzo(b)fluoranthene	22.935	252	6569	0.35	ng	#	93
38) Benzo(k)fluoranthene	22.935	252	6569	0.37	ng		94
39) Benzo(a)pyrene	23.520	252	5776	0.36	ng	#	93
40) Dibenzo(a,h)anthracene	25.950	278	6854	0.37	ng		97
41) Benzo(g,h,i)perylene	26.628	276	6506	0.36	ng	#	90

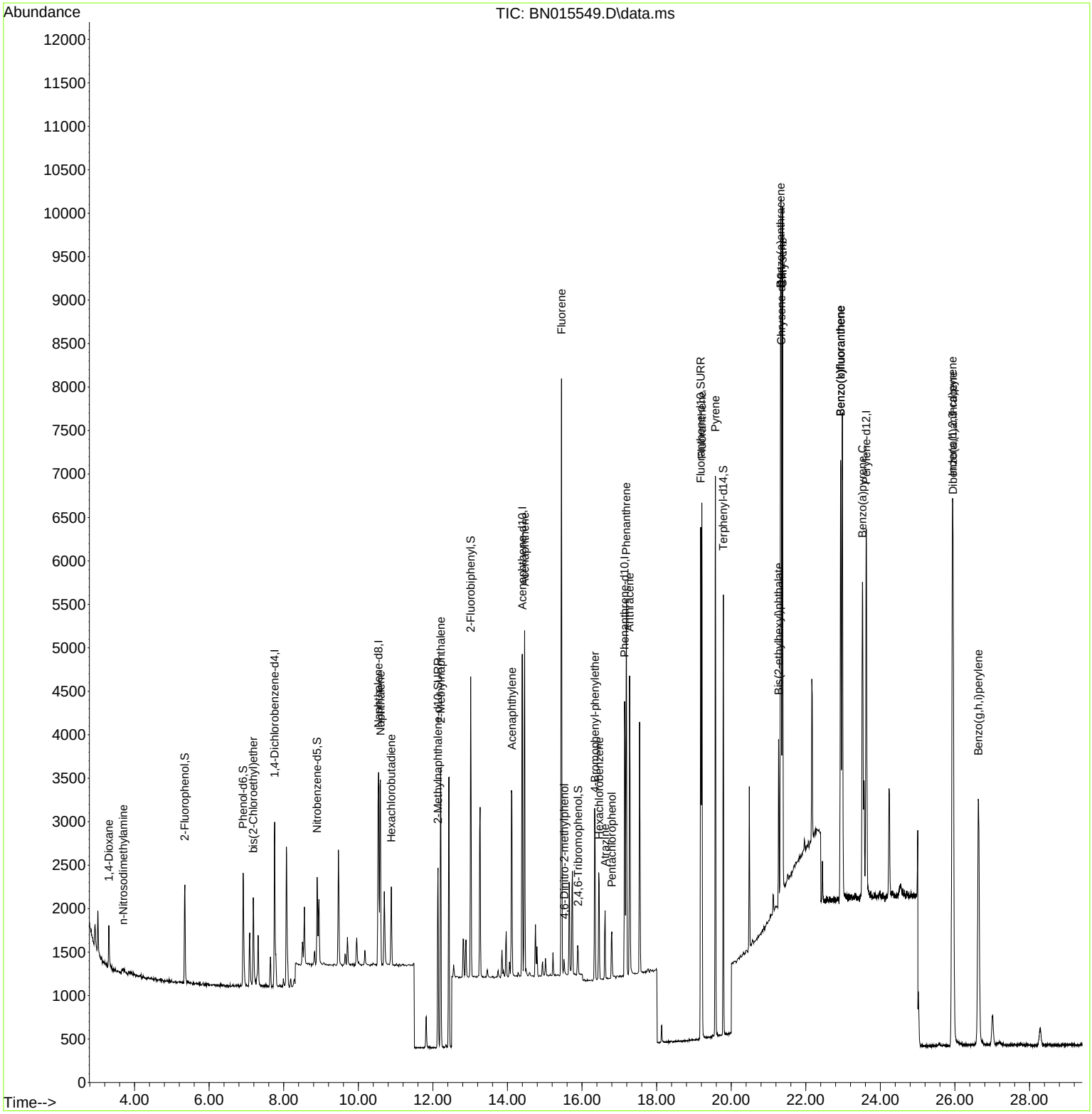
(#) = qualifier out of range (m) = manual integration (+) = signals summed

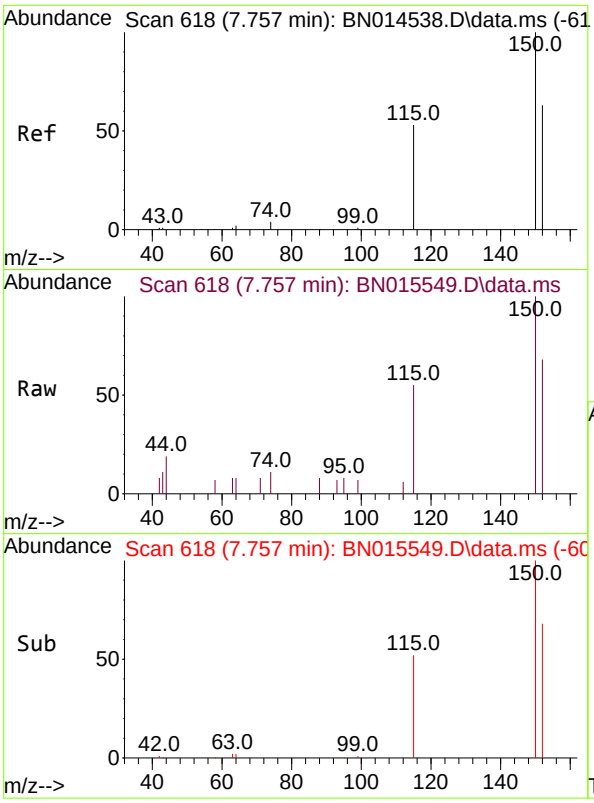
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN015549.D
Acq On : 07 May 2021 22:45
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 08 01:59:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

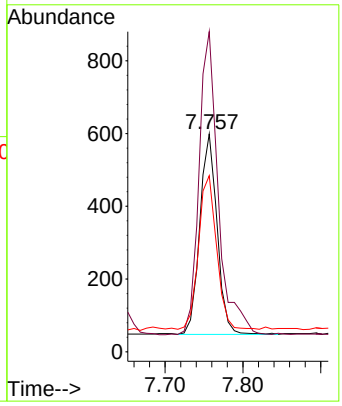




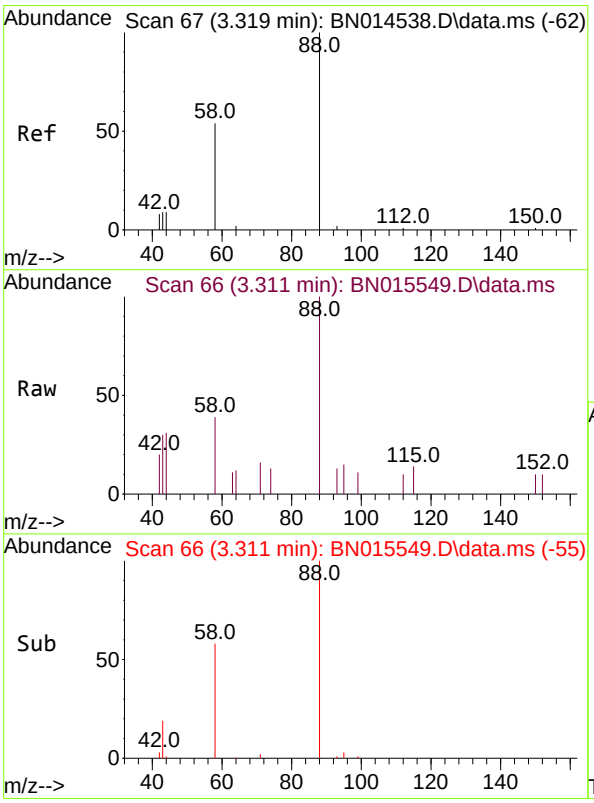
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.757 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:152 Resp: 851

Ion	Ratio	Lower	Upper
152	100		
150	146.9	123.8	185.8
115	80.8	47.0	70.4#



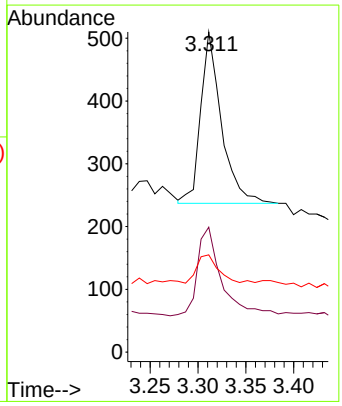
Instrument :
BNA_N
ClientSampleId :



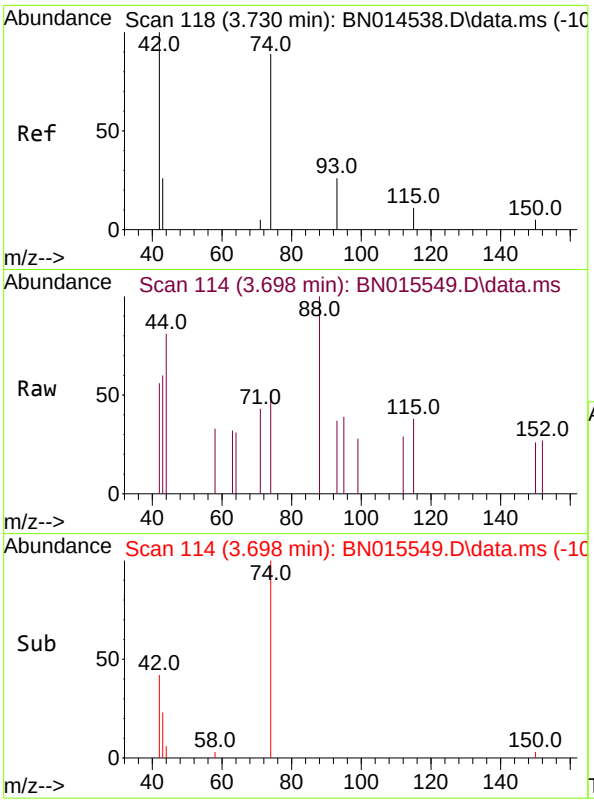
#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.311 min Scan# 66
Delta R.T. -0.008 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion: 88 Resp: 412

Ion	Ratio	Lower	Upper
88	100		
58	59.7	44.4	66.6
43	16.7	15.9	23.9



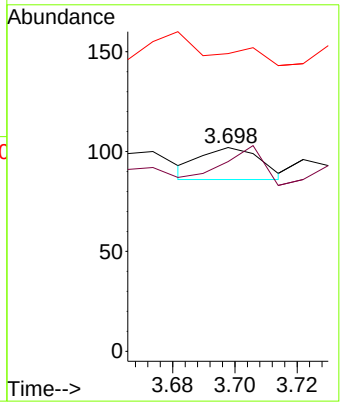
Instrument :
BNA_N
ClientSampleId :

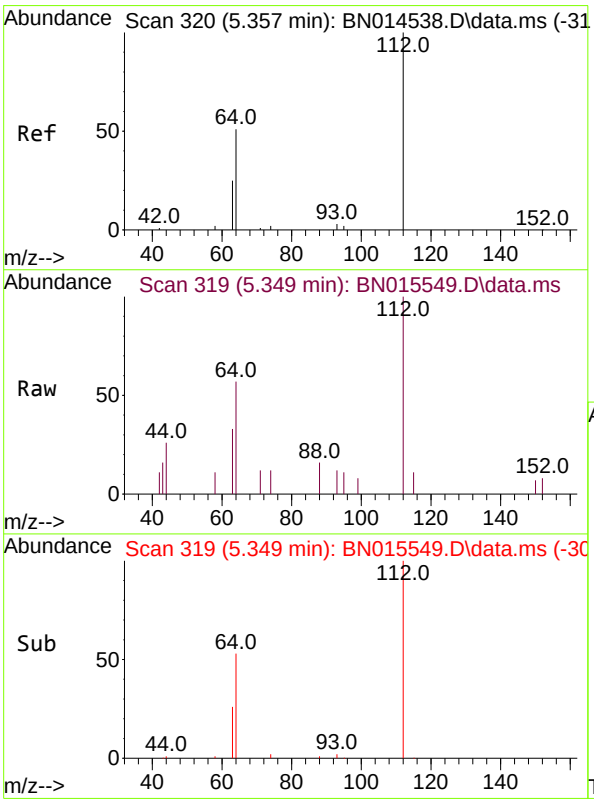


#3
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 3.698 min Scan# 114
Delta R.T. -0.032 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion: 42 Resp: 21

Ion	Ratio	Lower	Upper
42	100		
74	290.5	175.1	262.7#
44	0.0	7.5	11.3#

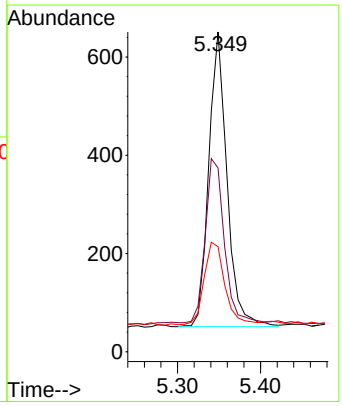


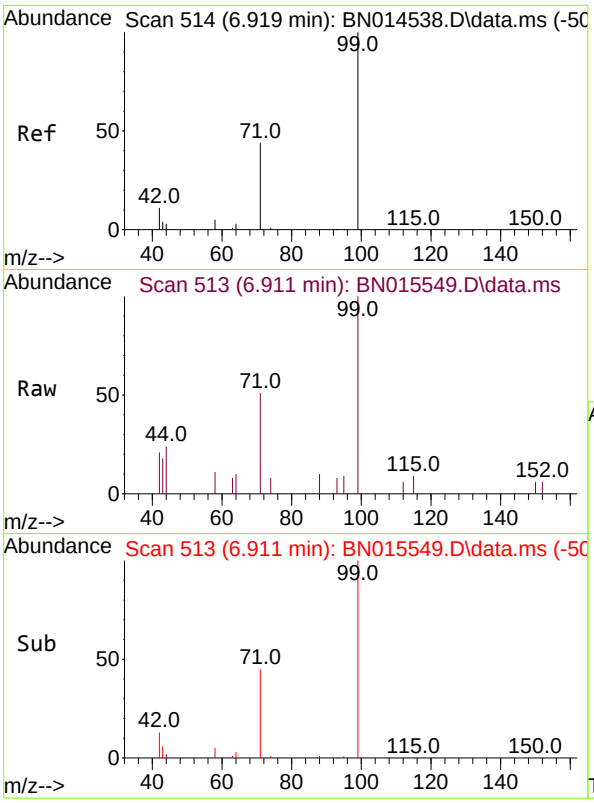


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.349 min Scan# 319
Delta R.T. -0.008 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:112 Resp: 914

Ion	Ratio	Lower	Upper
112	100		
64	57.9	41.8	62.6
63	32.7	22.0	33.0

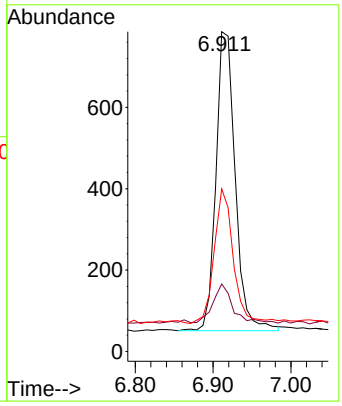




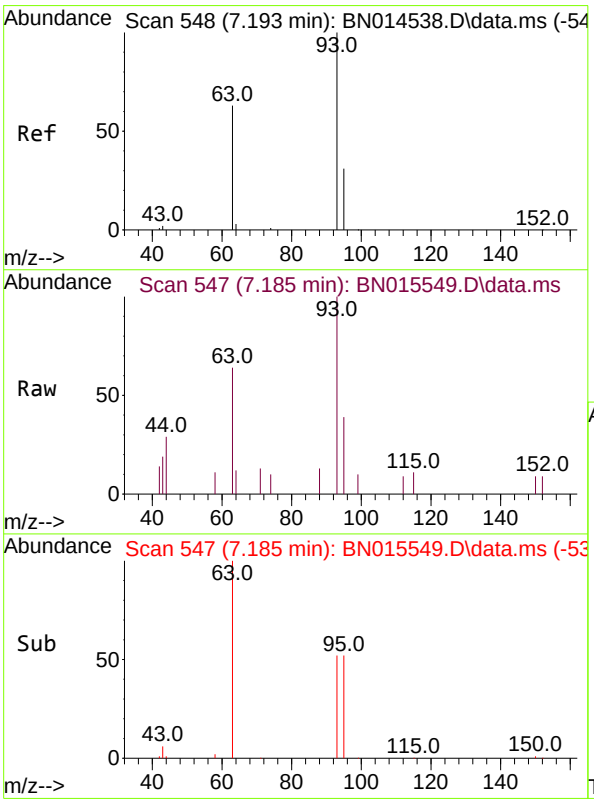
#5
Phenol-d6
Concen: 0.38 ng
RT: 6.911 min Scan# 513
Delta R.T. -0.008 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion: 99 Resp: 1264

Ion	Ratio	Lower	Upper
99	100		
42	13.2	13.2	19.8
71	44.9	26.2	39.2#



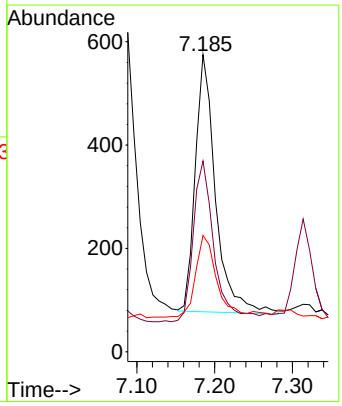
Instrument :
BNA_N
ClientSampleId :

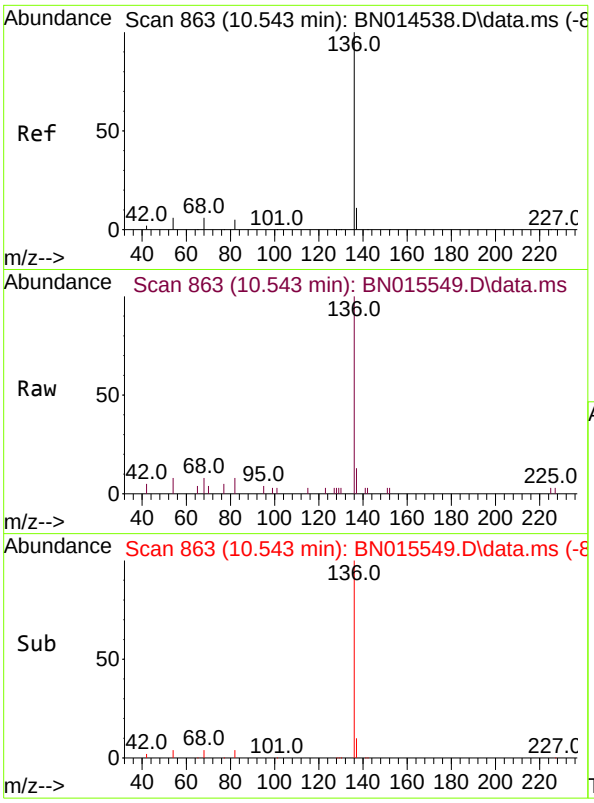


#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 7.185 min Scan# 547
Delta R.T. -0.008 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion: 93 Resp: 901

Ion	Ratio	Lower	Upper
93	100		
63	65.1	58.0	87.0
95	33.4	27.0	40.6

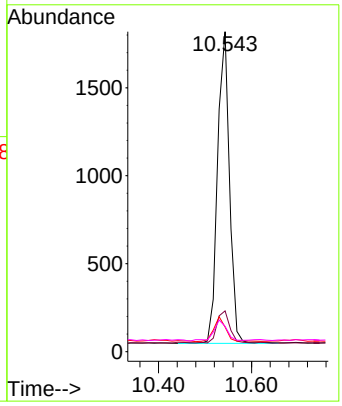




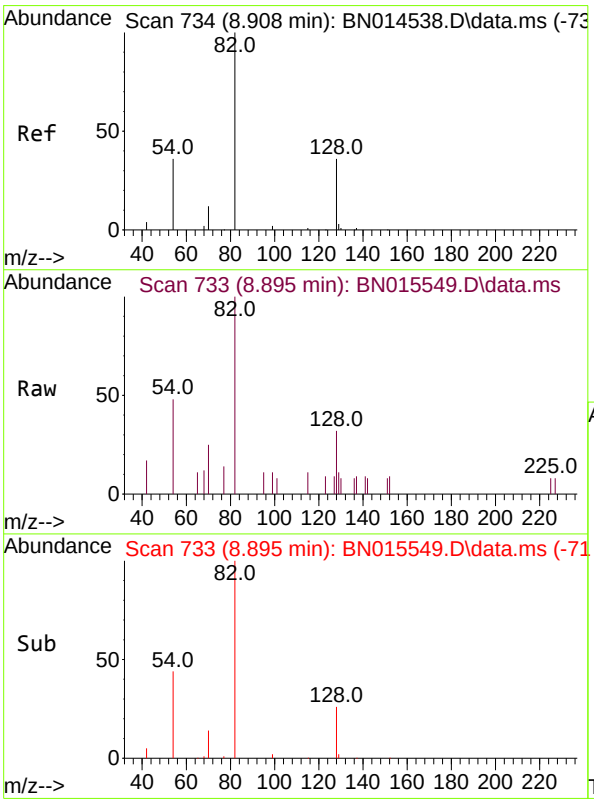
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:136 Resp: 3148

Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.9	13.3
54	7.7	3.8	5.8#
68	7.9	3.8	5.6#



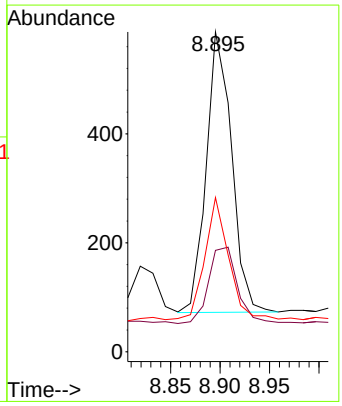
Instrument :
BNA_N
ClientSampleId :



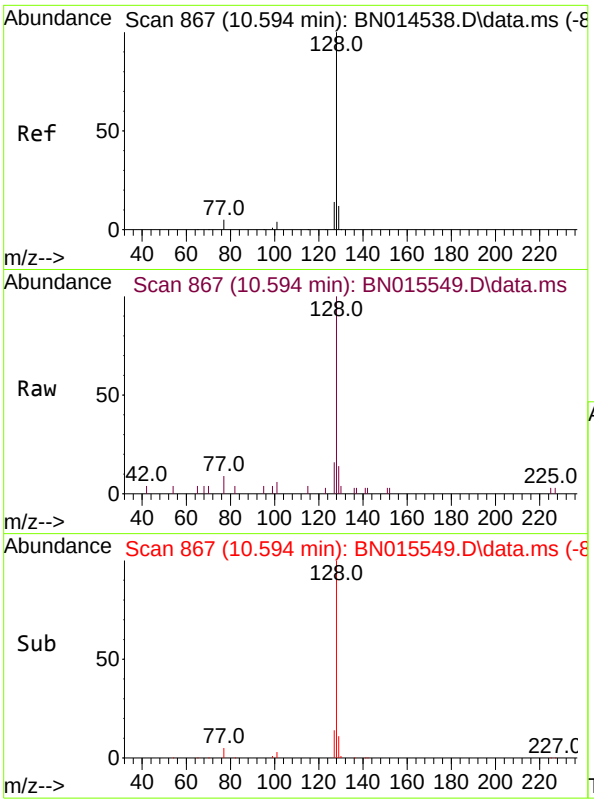
#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.895 min Scan# 733
Delta R.T. -0.013 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion: 82 Resp: 918

Ion	Ratio	Lower	Upper
82	100		
128	31.7	29.5	44.3
54	48.2	36.9	55.3



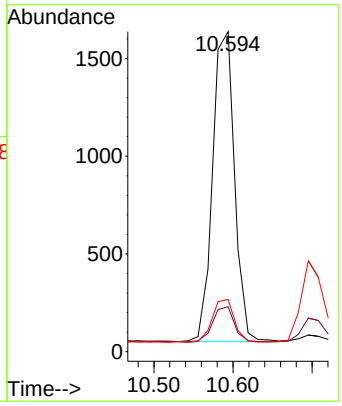
Instrument :
BNA_N
ClientSampleId :

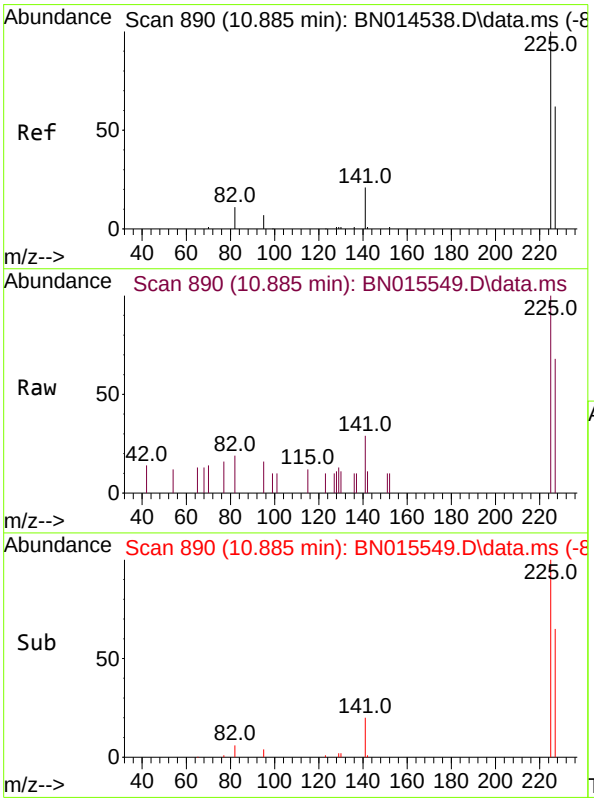


#9
Naphthalene
Concen: 0.37 ng
RT: 10.594 min Scan# 867
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:128 Resp: 3051

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.0	13.4#
127	16.3	10.4	15.6#

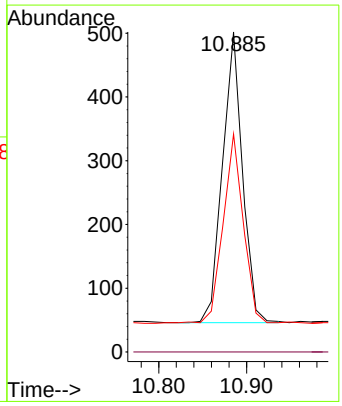




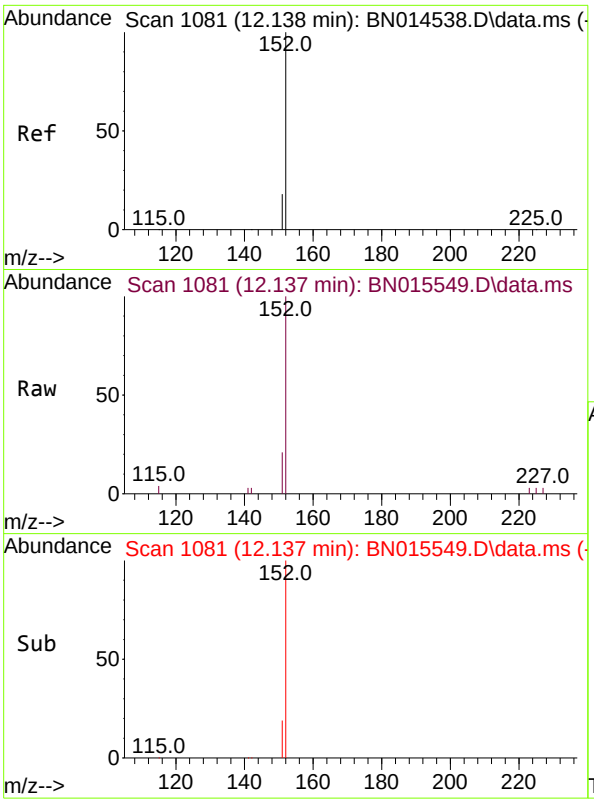
#10
Hexachlorobutadiene
Concen: 0.36 ng
RT: 10.885 min Scan# 890
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:225 Resp: 721

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	50.9	76.3



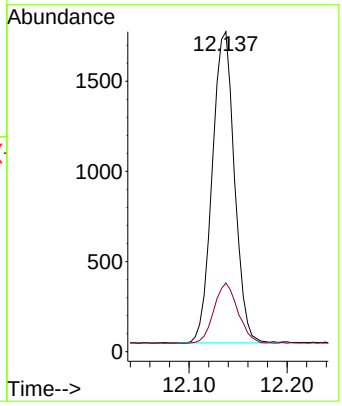
Instrument :
BNA_N
ClientSampleId :

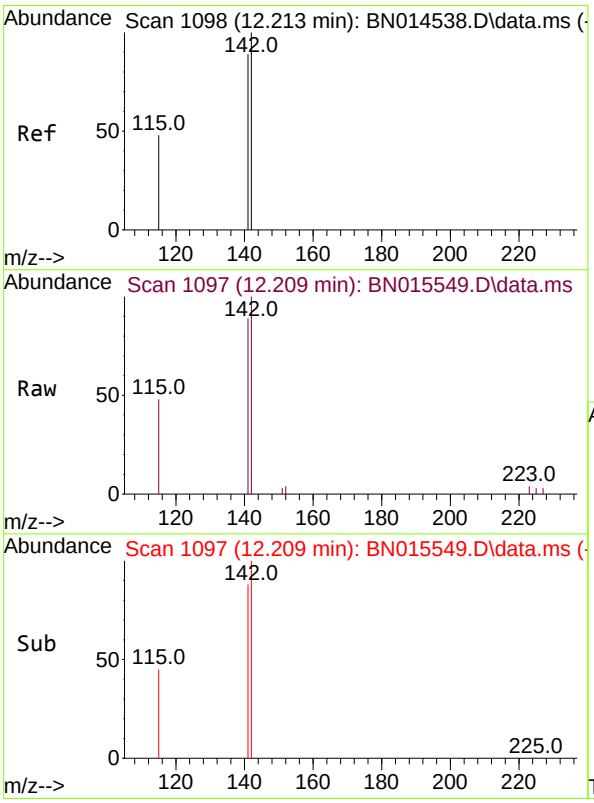


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:152 Resp: 2714

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2

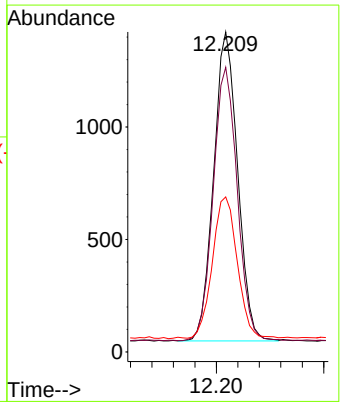


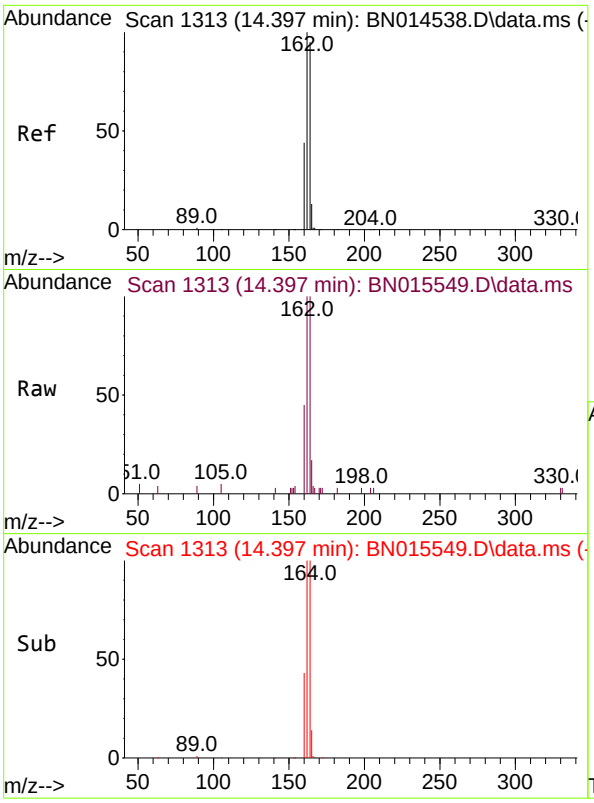


#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.209 min Scan# 1097
Delta R.T. -0.004 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:142 Resp: 2129

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.4
115	48.4	26.7	40.1#

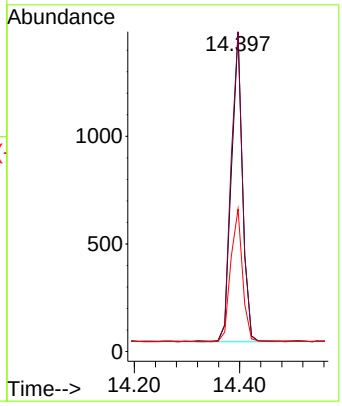




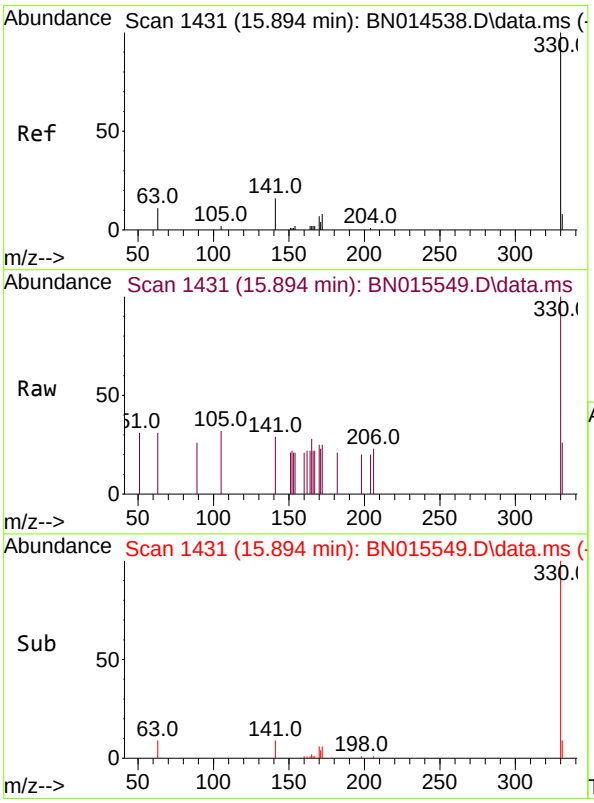
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:164 Resp: 2099

Ion	Ratio	Lower	Upper
164	100		
162	100.1	78.6	118.0
160	44.6	35.8	53.8



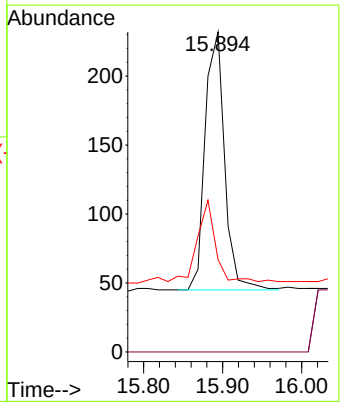
Instrument :
BNA_N
ClientSampleId :

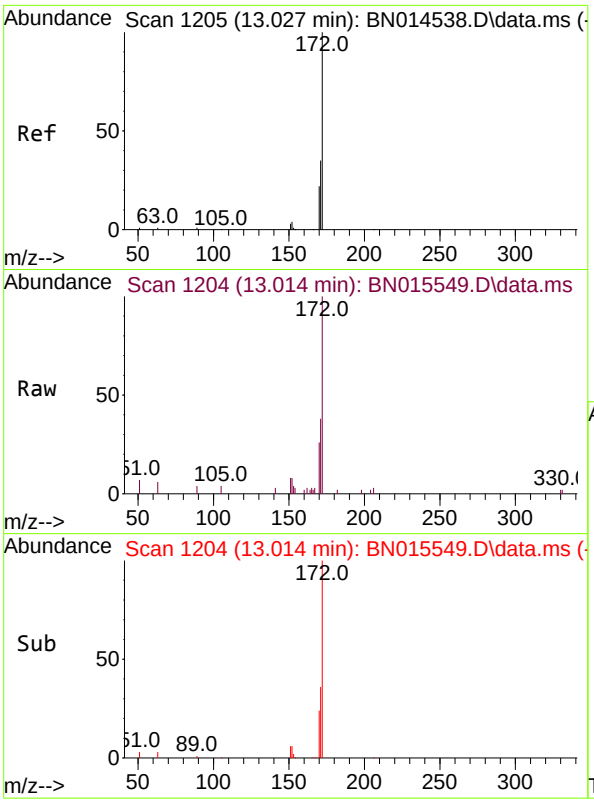


#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.894 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:330 Resp: 320

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.7	27.0	40.4

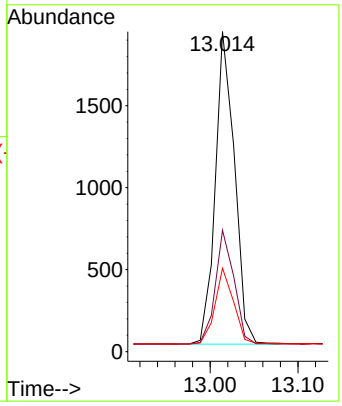




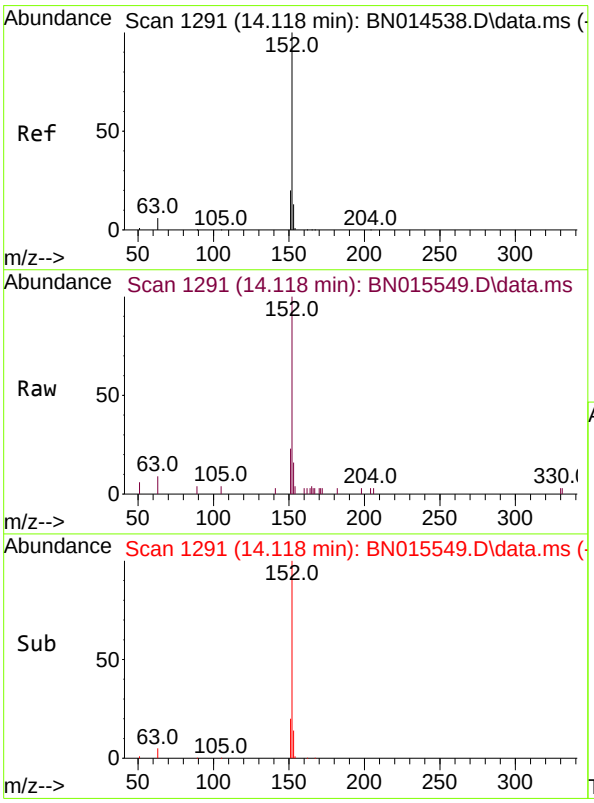
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.013 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:172 Resp: 2903

Ion	Ratio	Lower	Upper
172	100		
171	38.0	27.1	40.7
170	26.1	18.3	27.5



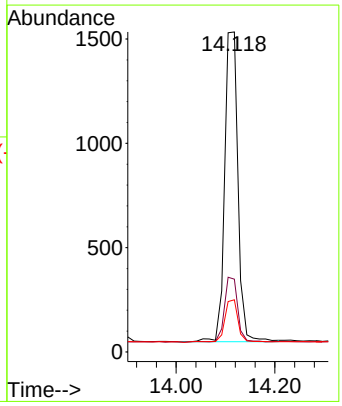
Instrument :
BNA_N
ClientSampleId :



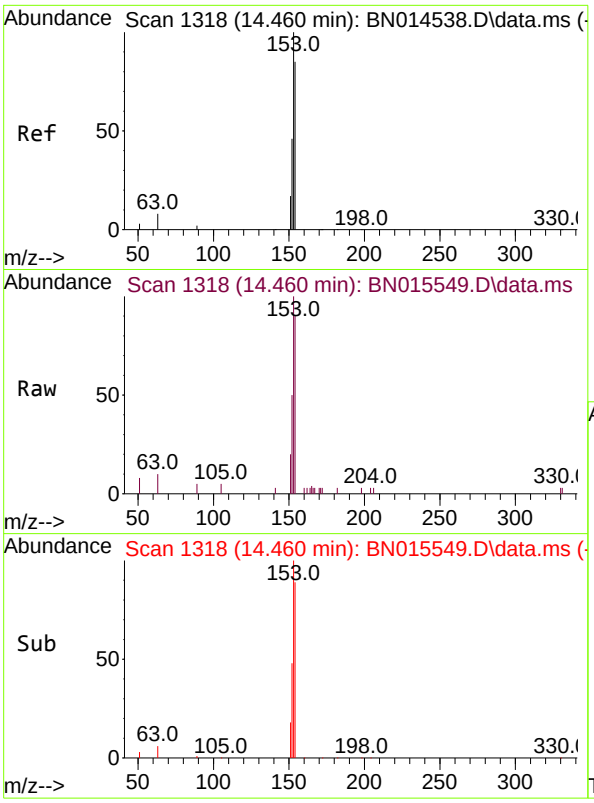
#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.118 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:152 Resp: 2764

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.6	23.4
153	14.3	10.5	15.7



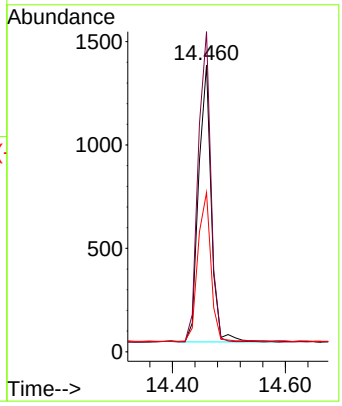
Instrument :
BNA_N
ClientSampleId :

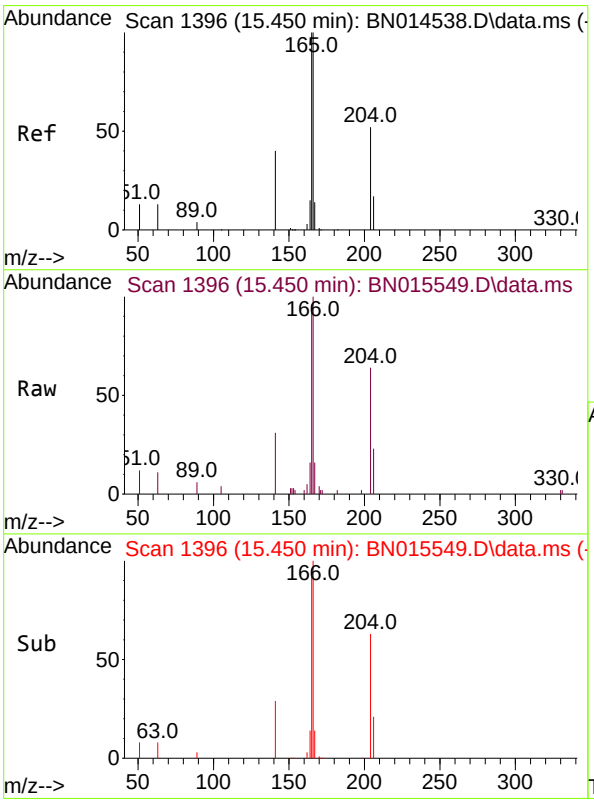


#17
Acenaphthene
Concen: 0.37 ng
RT: 14.460 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:154 Resp: 2079

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.2	135.4
152	54.7	46.2	69.2

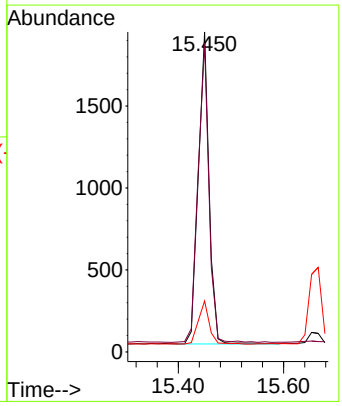


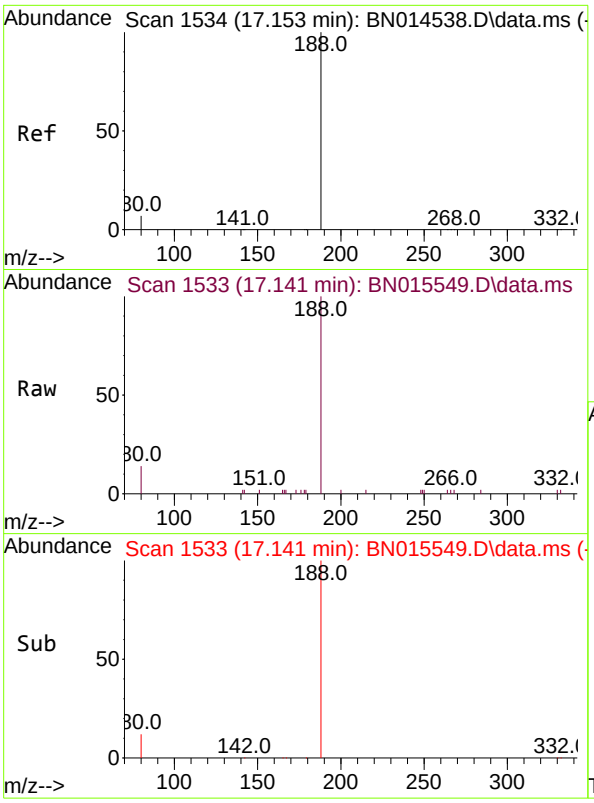


#18
Fluorene
Concen: 0.36 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:166 Resp: 2715

Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.4	117.6
167	14.0	10.7	16.1

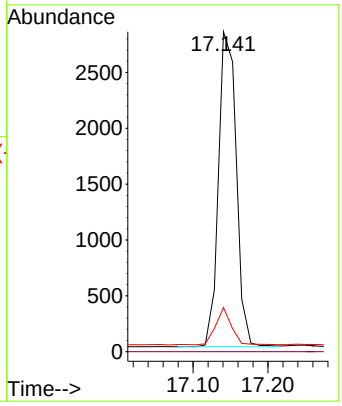


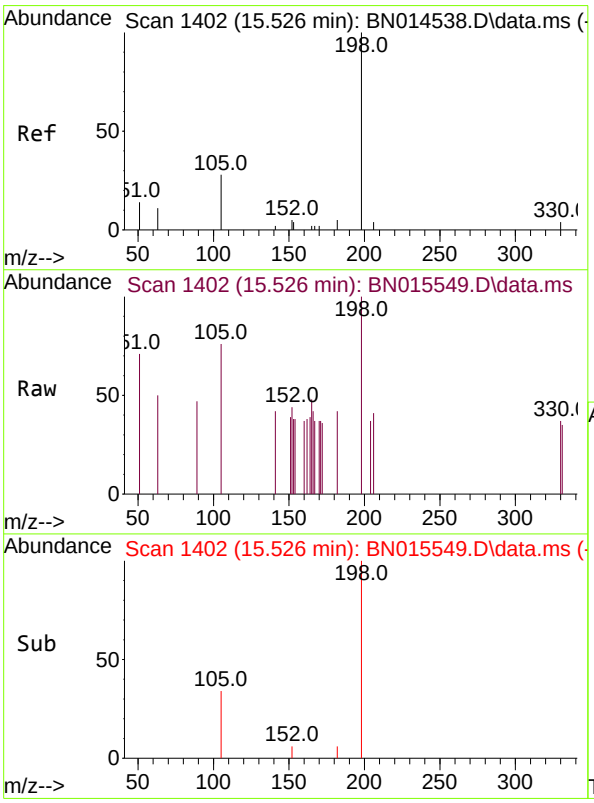


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.141 min Scan# 1533
Delta R.T. -0.012 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:188 Resp: 4656

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	5.2	7.8#

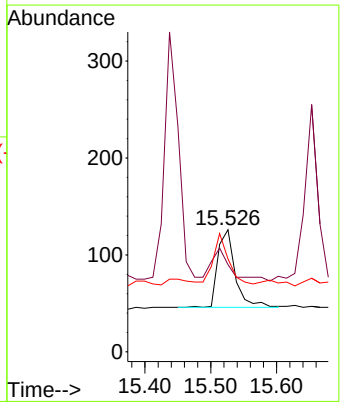




#20
4,6-Dinitro-2-methylphenol
Concen: 0.45 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

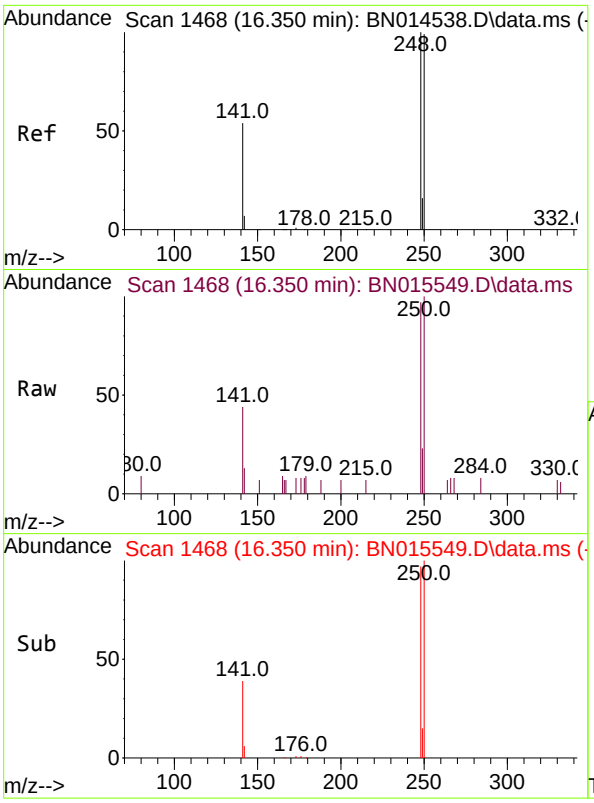
Tgt Ion:198 Resp: 146

Ion	Ratio	Lower	Upper
198	100		
51	71.4	865.3	1297.9#
105	76.2	93.6	140.4#



Instrument :
BNA_N
ClientSampleId :

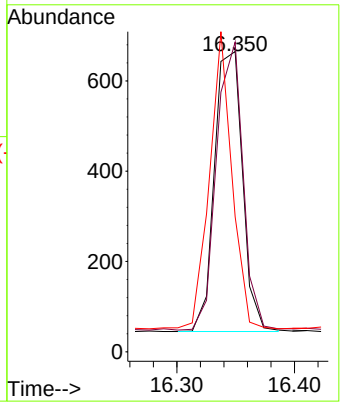
Instrument :
BNA_N
ClientSampleId :

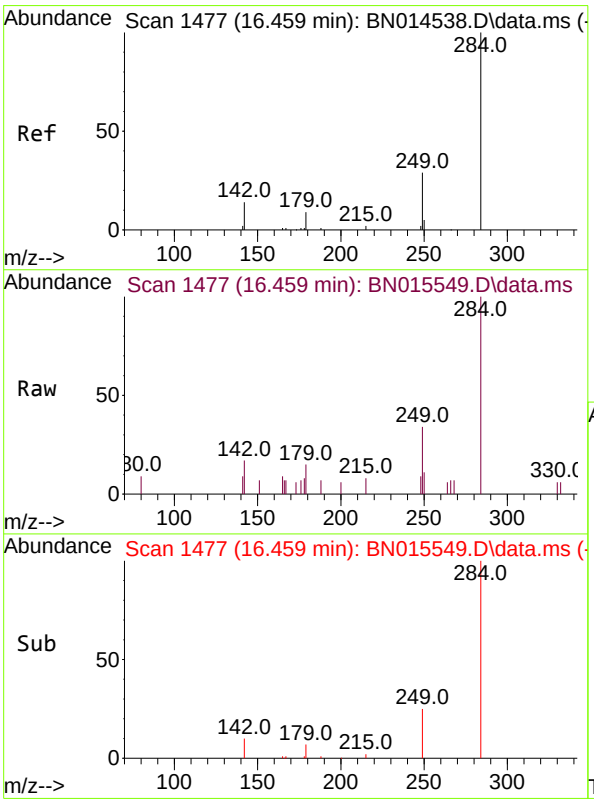


#21
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.350 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:248 Resp: 1028

Ion	Ratio	Lower	Upper
248	100		
250	103.2	80.5	120.7
141	45.0	37.2	55.8

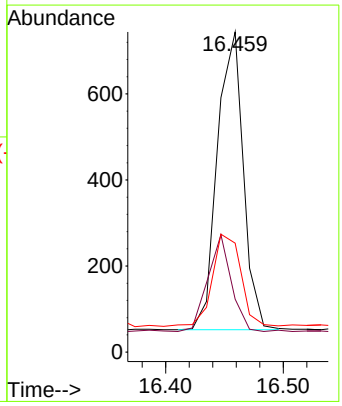




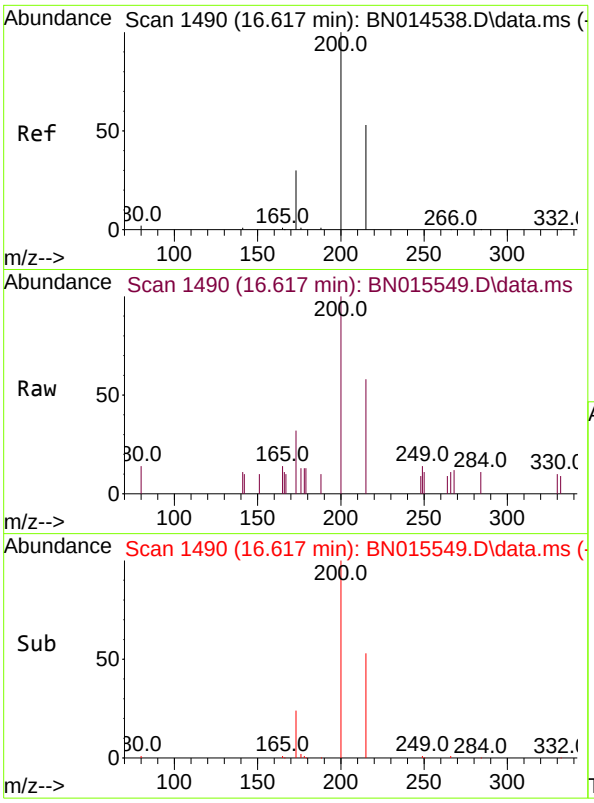
#22
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.459 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:284 Resp: 1062

Ion	Ratio	Lower	Upper
284	100		
142	29.3	26.6	39.8
249	33.7	23.6	35.4



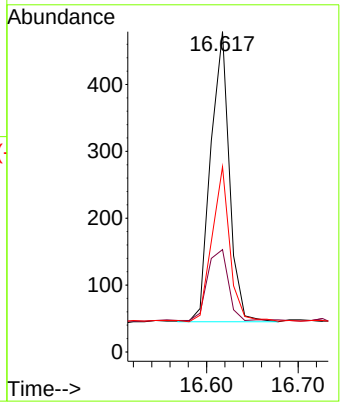
Instrument :
BNA_N
ClientSampleId :

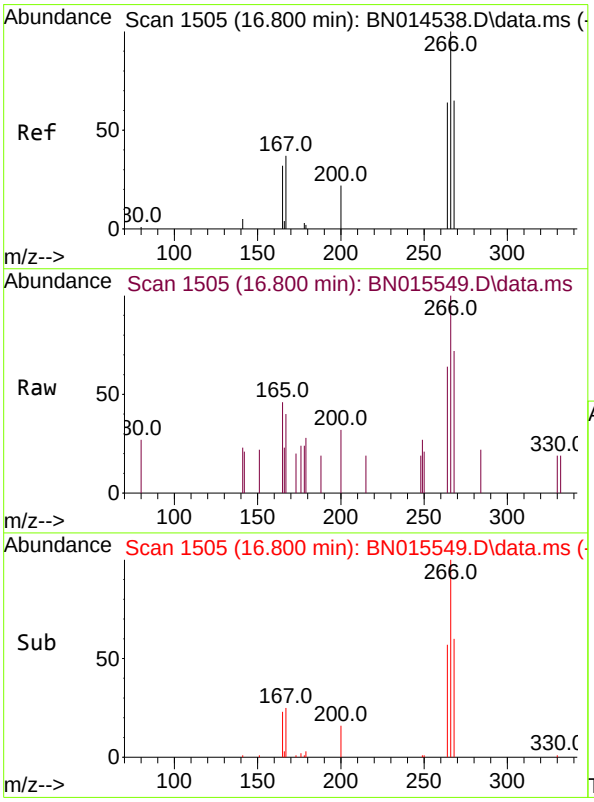


#23
Atrazine
Concen: 0.31 ng
RT: 16.617 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:200 Resp: 614

Ion	Ratio	Lower	Upper
200	100		
173	31.9	23.0	34.6
215	57.8	38.6	57.8

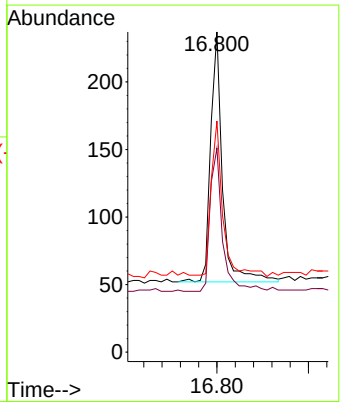




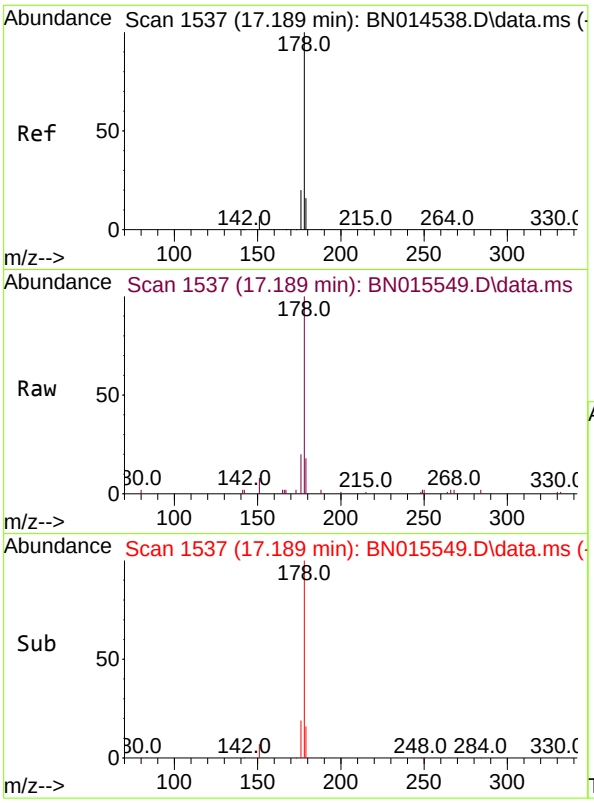
#24
Pentachlorophenol
Concen: 0.33 ng
RT: 16.800 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:266 Resp: 331

Ion	Ratio	Lower	Upper
266	100		
264	59.5	24.2	36.4#
268	61.3	25.2	37.8#



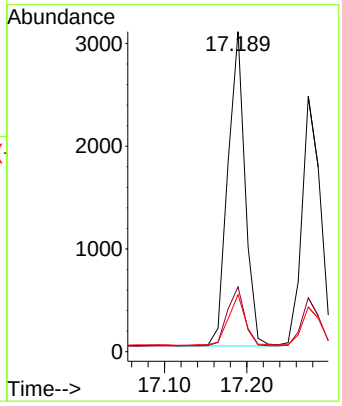
Instrument :
BNA_N
ClientSampleId :

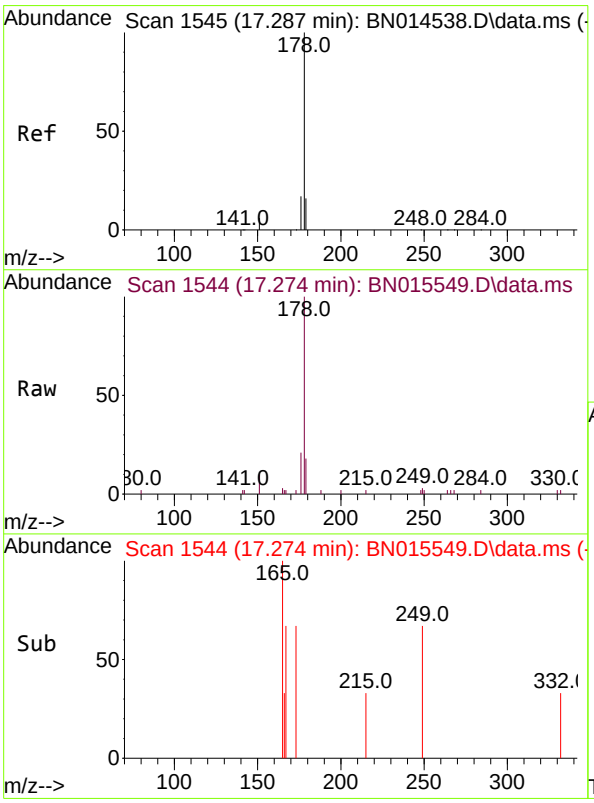


#25
Phenanthrene
Concen: 0.36 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:178 Resp: 4448

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	16.2	12.4	18.6

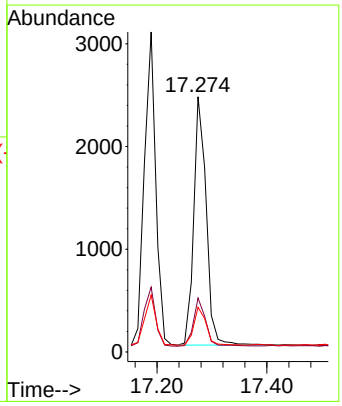


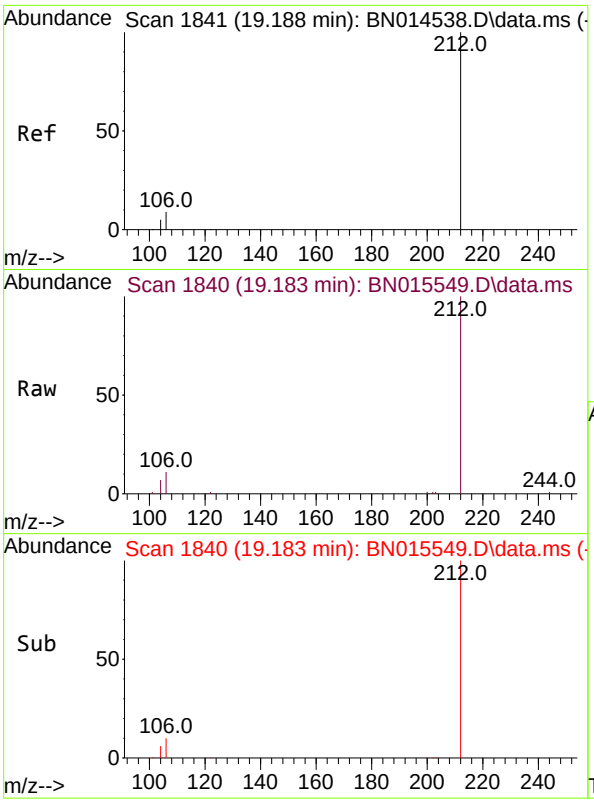


#26
Anthracene
Concen: 0.34 ng
RT: 17.274 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:178 Resp: 3823

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.4	12.2	18.2

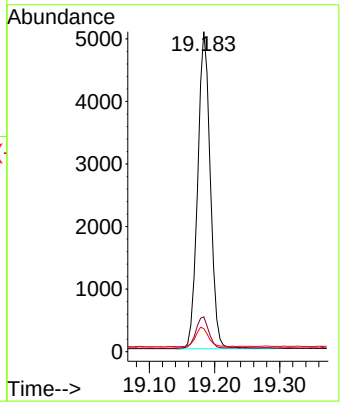




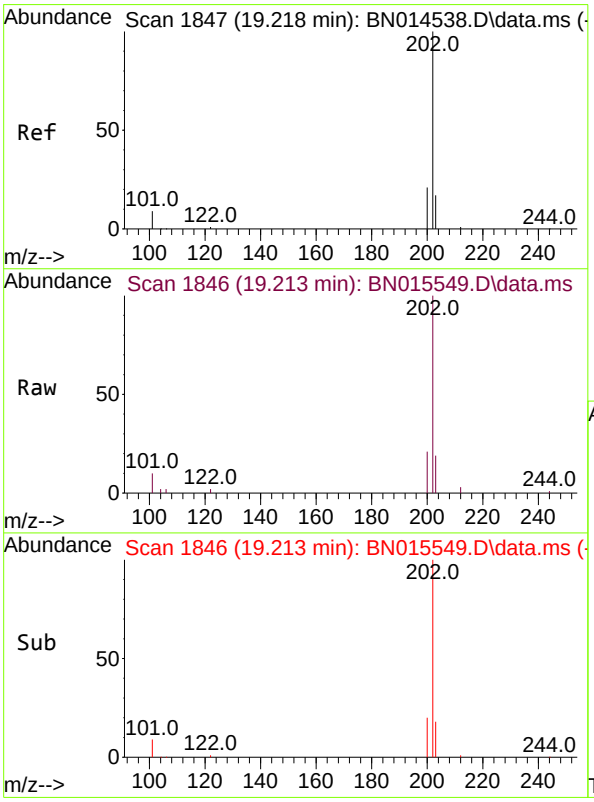
#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:212 Resp: 6824

Ion	Ratio	Lower	Upper
212	100		
106	10.1	10.1	15.1
104	6.2	5.4	8.2



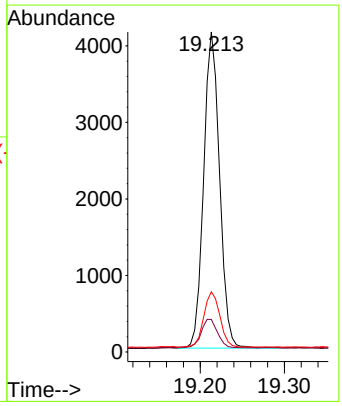
Instrument :
BNA_N
ClientSampleId :

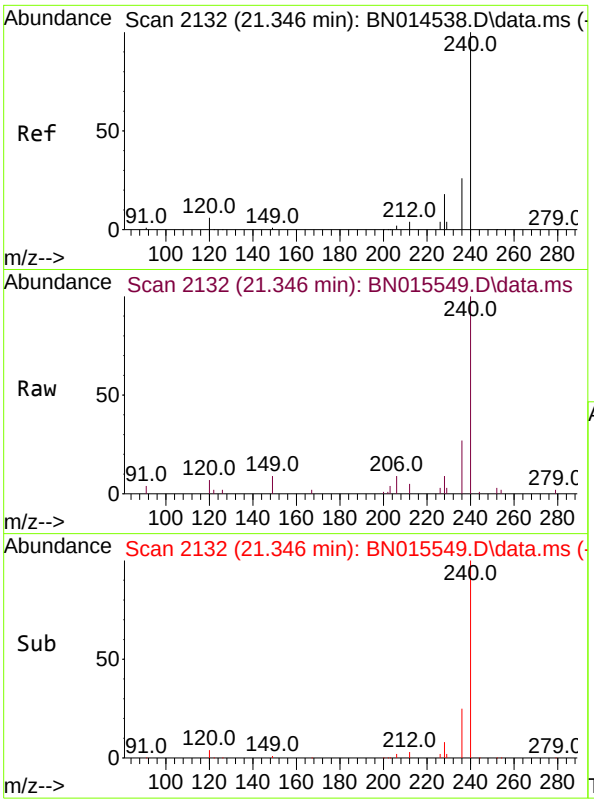


#28
Fluoranthene
Concen: 0.34 ng
RT: 19.213 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:202 Resp: 5433

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.4	12.6
203	17.7	13.5	20.3

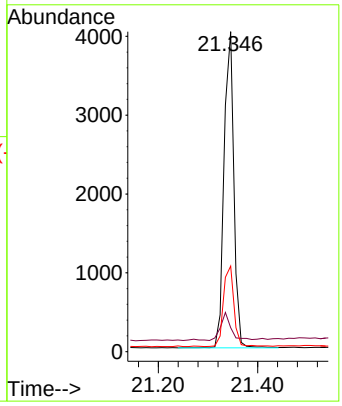




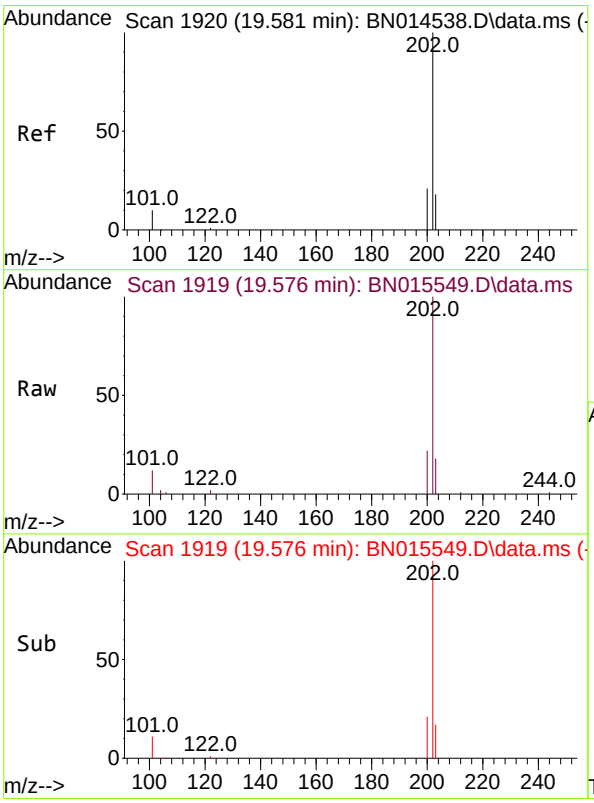
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.346 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:240 Resp: 5500

Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.8	8.8
236	26.8	20.6	30.8



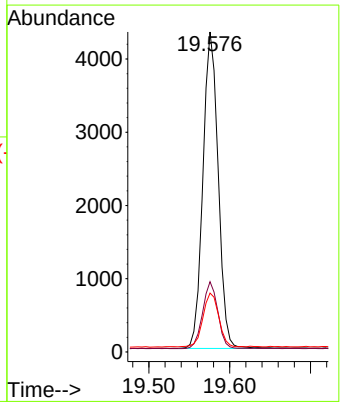
Instrument :
BNA_N
ClientSampleId :

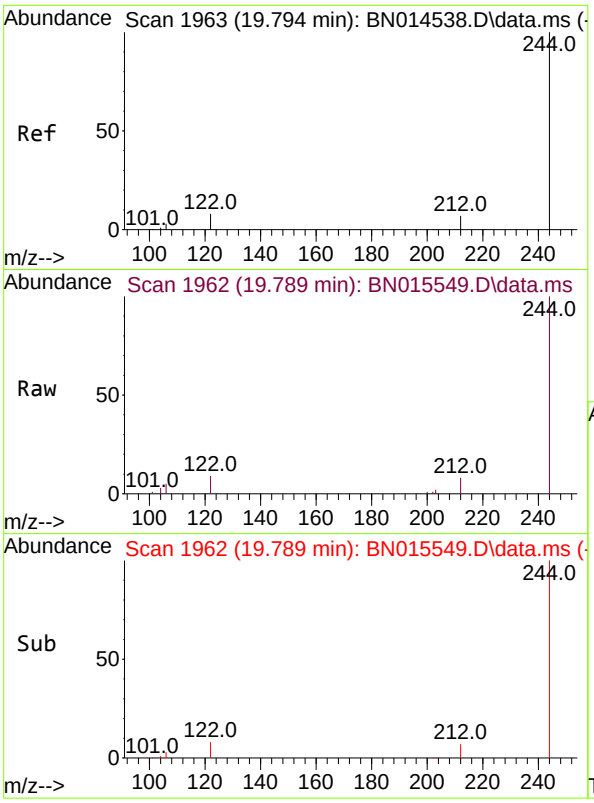


#30
Pyrene
Concen: 0.37 ng
RT: 19.576 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:202 Resp: 5680

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.3	24.5
203	17.5	14.0	21.0

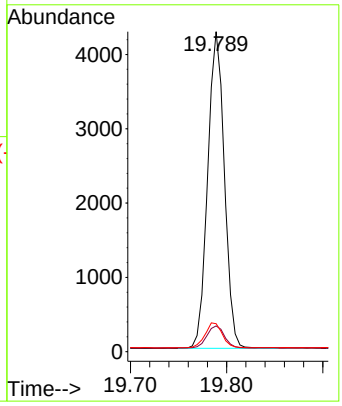




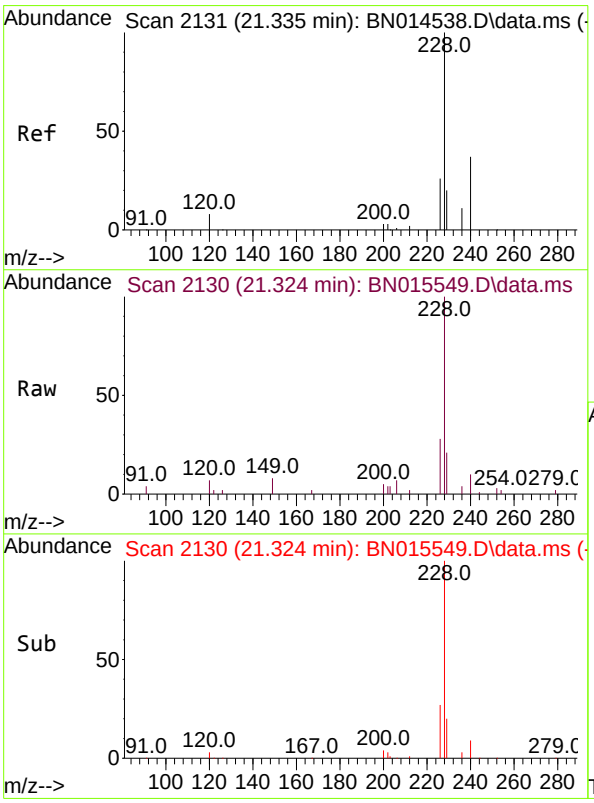
#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.789 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:244 Resp: 5113

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	8.8	9.3	13.9#



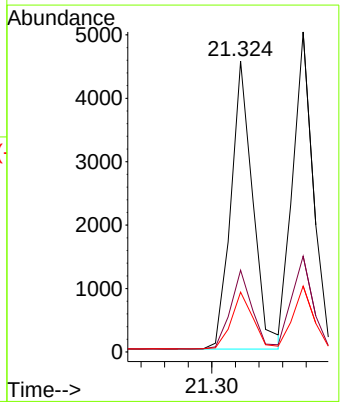
Instrument :
BNA_N
ClientSampleId :

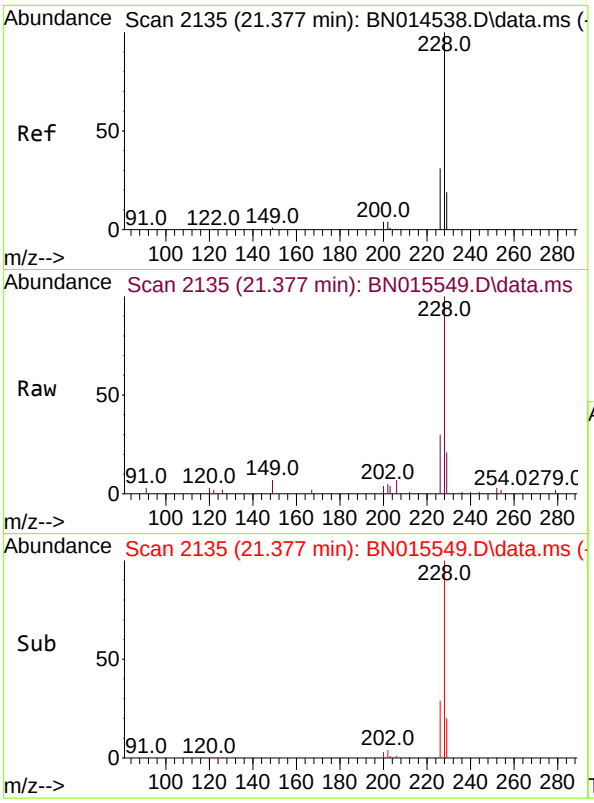


#32
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.324 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:228 Resp: 5858

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	20.6	15.7	23.5

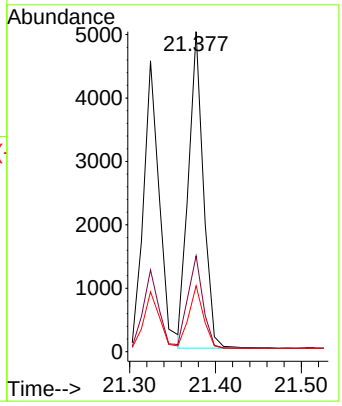




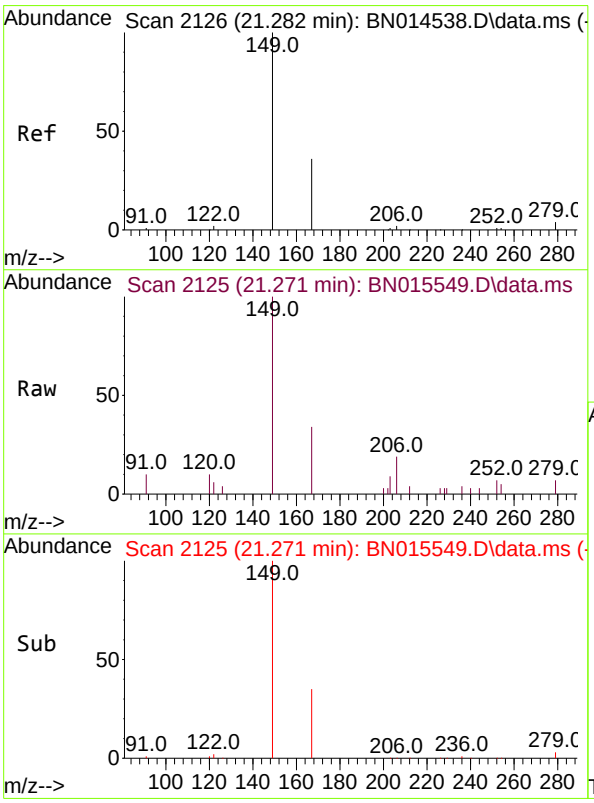
#33
Chrysene
Concen: 0.36 ng
RT: 21.377 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:228 Resp: 6037

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	20.6	15.6	23.4



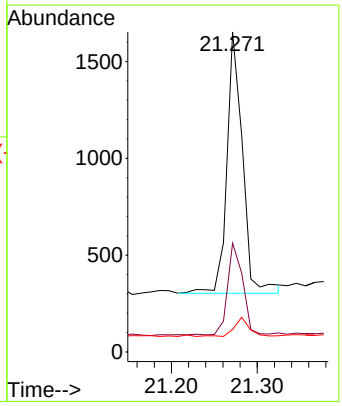
Instrument :
BNA_N
ClientSampleId :



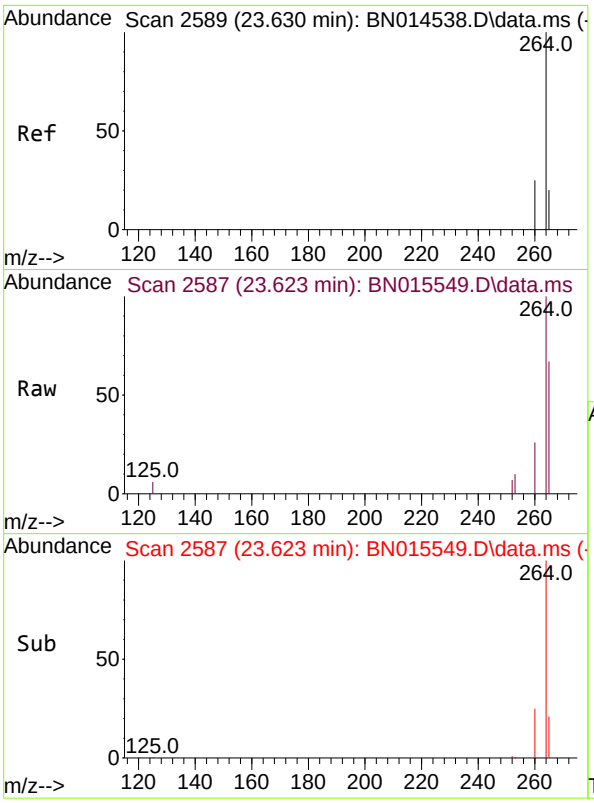
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:149 Resp: 1706

Ion	Ratio	Lower	Upper
149	100		
167	33.8	20.5	30.7#
279	6.3	2.9	4.3#



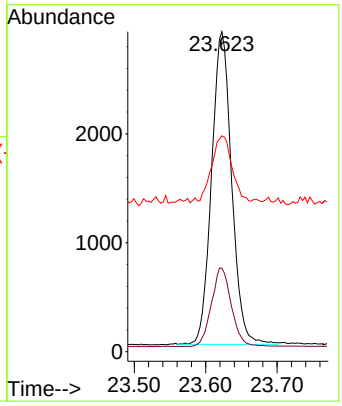
Instrument :
BNA_N
ClientSampleId :

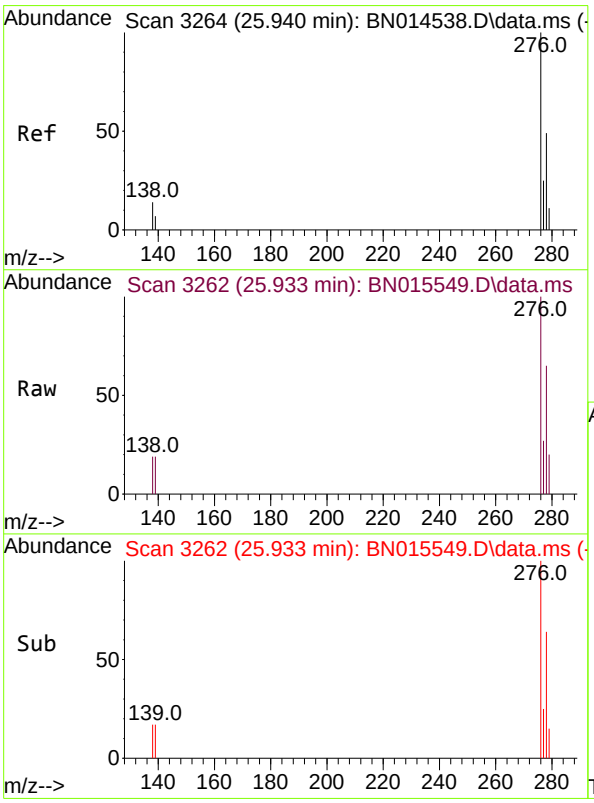


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.623 min Scan# 2587
Delta R.T. -0.007 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:264 Resp: 5597

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.5	29.3
265	67.5	35.4	53.0#

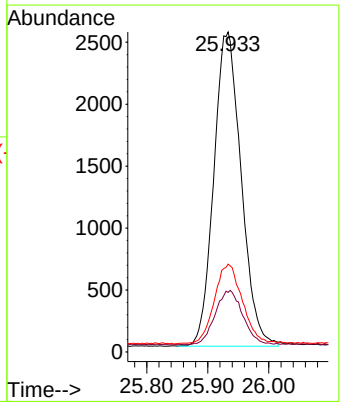


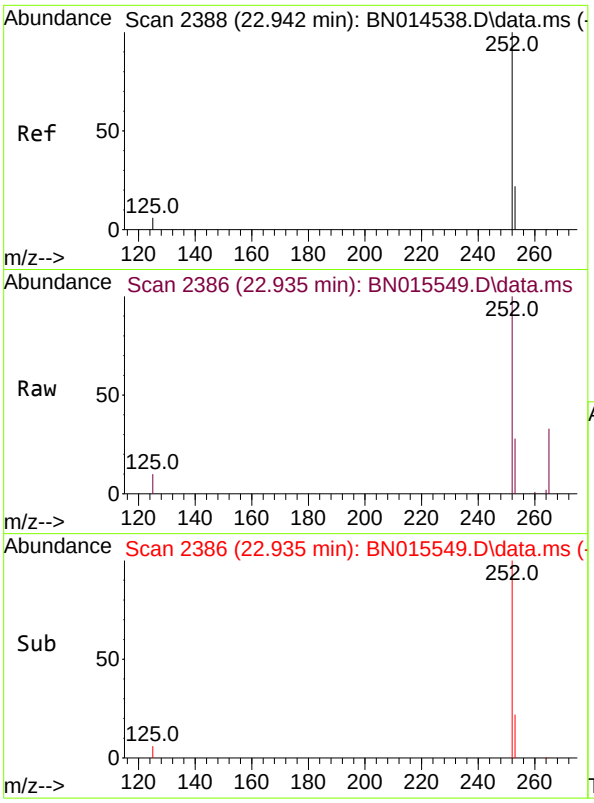


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.37 ng
RT: 25.933 min Scan# 3262
Delta R.T. -0.007 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:276 Resp: 7881

Ion	Ratio	Lower	Upper
276	100		
138	17.6	18.8	28.2#
277	26.2	19.8	29.8

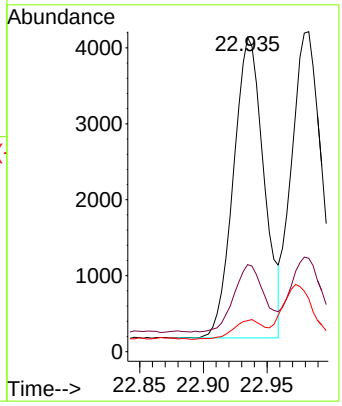




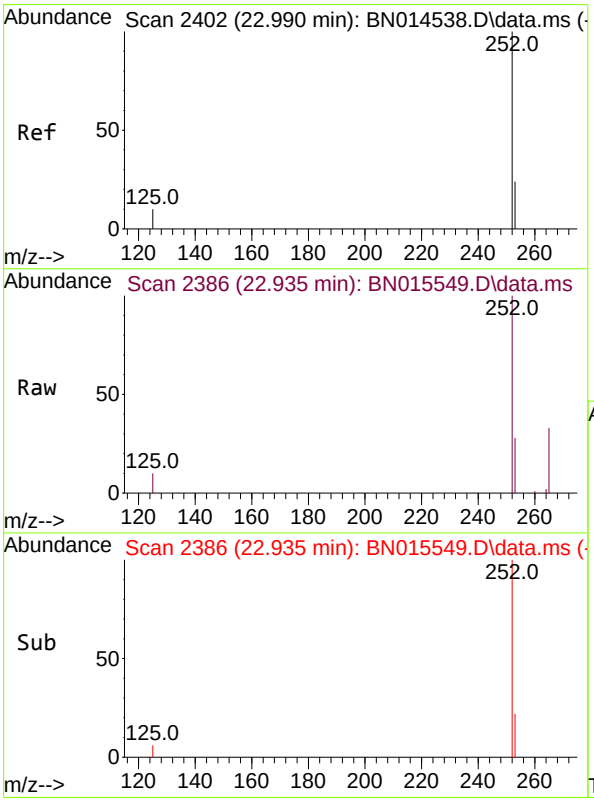
#37
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.935 min Scan# 2386
Delta R.T. -0.007 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:252 Resp: 6569

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.6	29.4
125	9.9	10.3	15.5#



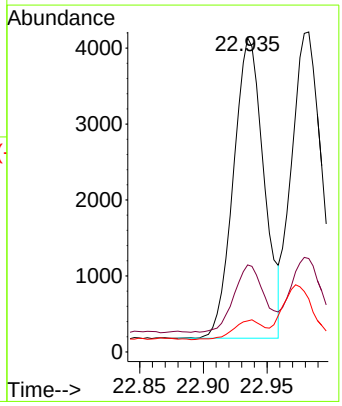
Instrument :
BNA_N
ClientSampleId :

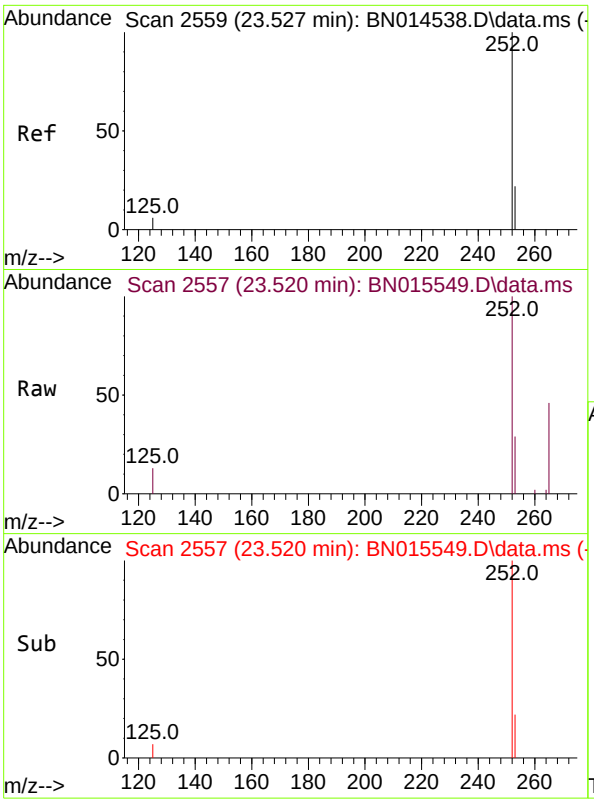


#38
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 22.935 min Scan# 2386
Delta R.T. -0.055 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:252 Resp: 6569

Ion	Ratio	Lower	Upper
252	100		
253	27.7	19.7	29.5
125	9.9	9.7	14.5

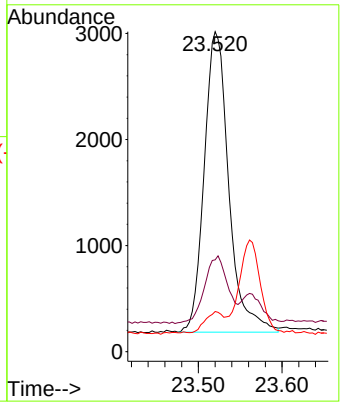




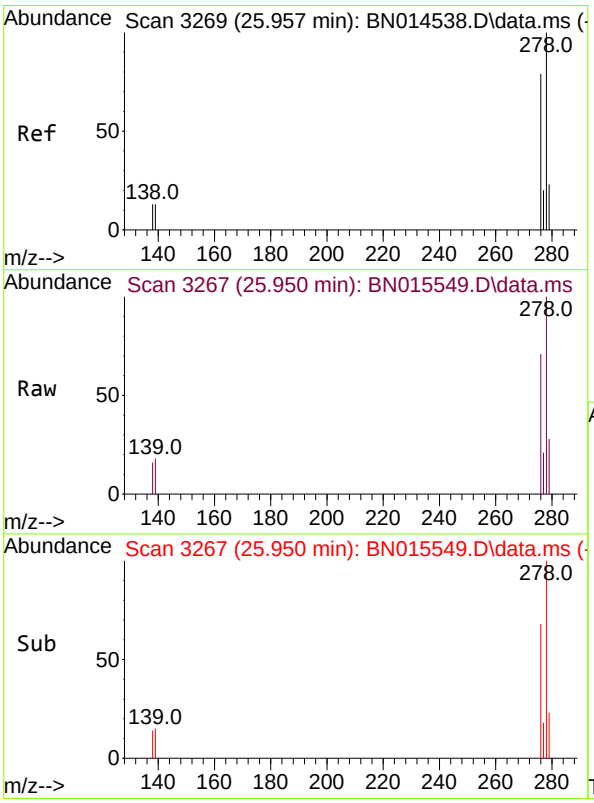
#39
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.520 min Scan# 2557
Delta R.T. -0.007 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:252 Resp: 5776

Ion	Ratio	Lower	Upper
252	100		
253	28.7	21.8	32.6
125	12.6	14.9	22.3#



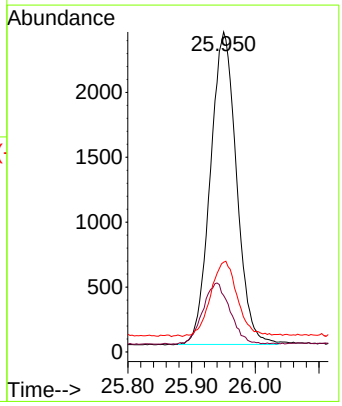
Instrument :
BNA_N
ClientSampleId :

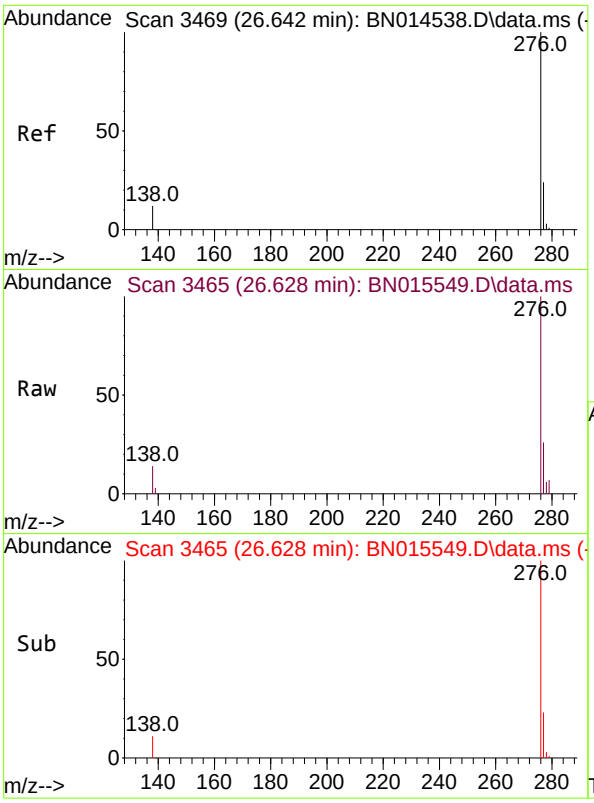


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.950 min Scan# 3267
Delta R.T. -0.007 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:278 Resp: 6854

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.9	20.9
279	28.1	20.7	31.1

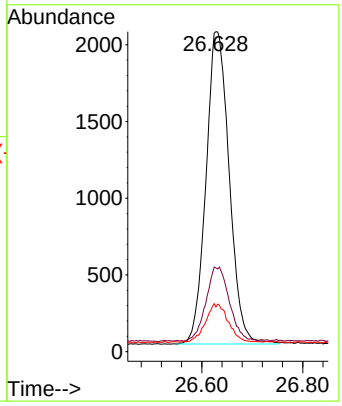




#41
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 26.628 min Scan# 3465
Delta R.T. -0.014 min
Lab File: BN015549.D
Acq: 07 May 2021 22:45

Tgt Ion:276 Resp: 6506

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.6	29.4
138	14.0	17.5	26.3#



Instrument :
BNA_N
ClientSampleId :