Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN014541.D
Acq On : 07 May 2021 15:48
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: May 07 16:24:23 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 14:41:36 2021
Response via : Initial Calibration

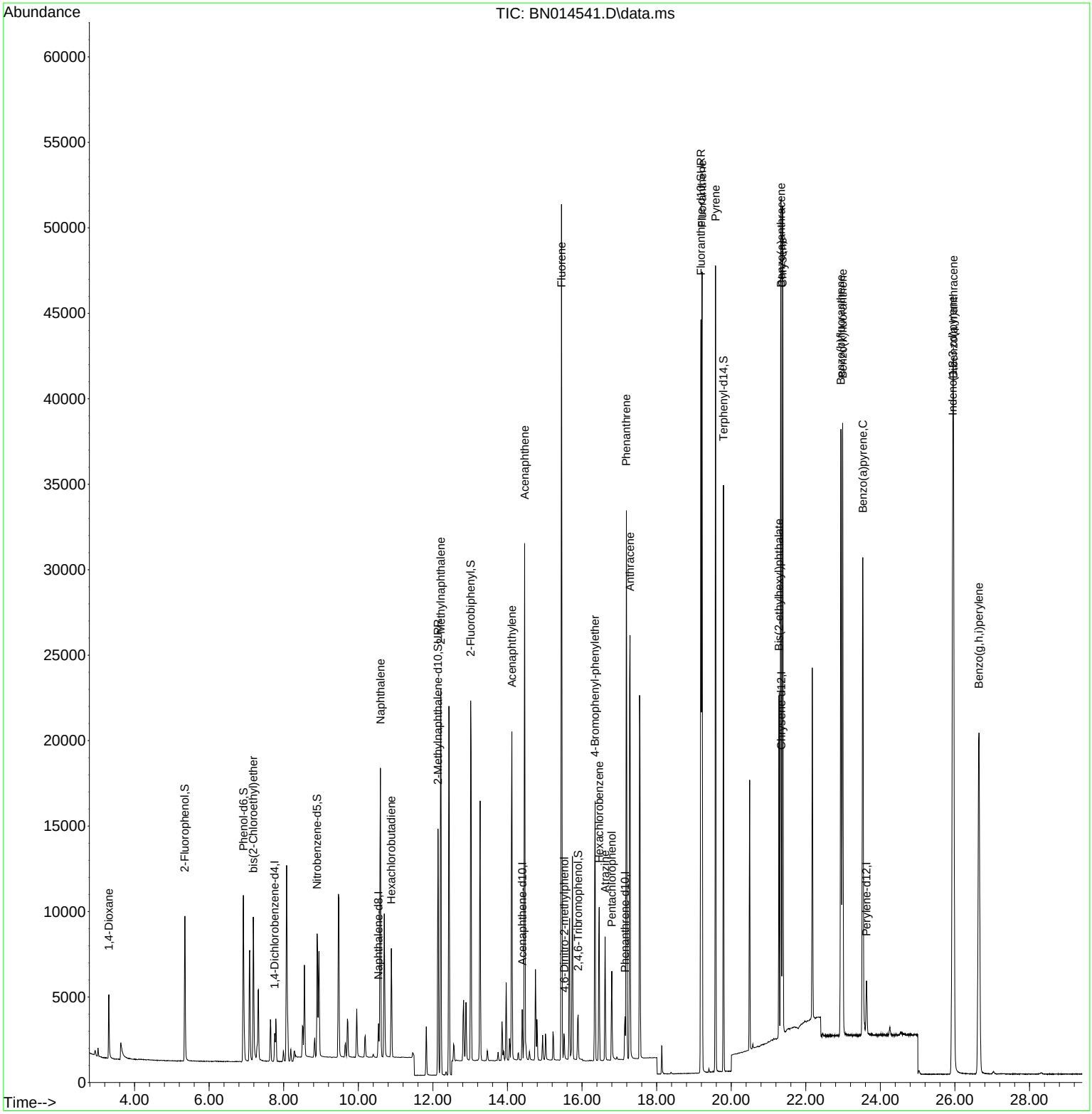
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.756	152	738	0.40	ng		# 0.00
7) Naphthalene-d8	10.543	136	2429	0.40	ng		# 0.00
13) Acenaphthene-d10	14.397	164	1608	0.40	ng		0.00
19) Phenanthrene-d10	17.153	188	3520	0.40	ng		# 0.00
29) Chrysene-d12	21.345	240	4326	0.40	ng		# 0.00
35) Perylene-d12	23.626	264	4164	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	6383	5.01	ng		0.00
5) Phenol-d6	6.919	99	9014	6.10	ng		0.00
8) Nitrobenzene-d5	8.895	82	6779	4.13	ng		-0.01
11) 2-Methylnaphthalene-d10	12.137	152	18956	5.33	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	2466	6.47	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	19580	3.39	ng		-0.01
27) Fluoranthene-d10	19.188	212	50554	5.55	ng		0.00
31) Terphenyl-d14	19.794	244	35261	3.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	2793	3.38	ng		93
6) bis(2-Chloroethyl)ether	7.185	93	6841	4.13	ng		95
9) Naphthalene	10.593	128	21081	3.46	ng		99
10) Hexachlorobutadiene	10.885	225	5083	4.21	ng	#	98
12) 2-Methylnaphthalene	12.213	142	15027	3.93	ng	#	93
16) Acenaphthylene	14.118	152	21618	3.36	ng		98
17) Acenaphthene	14.460	154	14577	3.28	ng		97
18) Fluorene	15.450	166	18882	3.52	ng		99
20) 4,6-Dinitro-2-methylph...	15.526	198	1270	5.72	ng	#	1
21) 4-Bromophenyl-phenylether	16.349	248	7454	4.17	ng		97
22) Hexachlorobenzene	16.459	284	7335	2.91	ng		93
23) Atrazine	16.617	200	5155	5.19	ng		97
24) Pentachlorophenol	16.800	266	2613	7.51	ng	#	41
25) Phenanthrene	17.189	178	31137	3.25	ng		99
26) Anthracene	17.286	178	29137	4.00	ng		99
28) Fluoranthene	19.218	202	40295	3.92	ng		98
30) Pyrene	19.580	202	40721	2.98	ng		99
32) Benzo(a)anthracene	21.335	228	42980	4.21	ng		98
33) Chrysene	21.377	228	43279	3.22	ng		98
34) Bis(2-ethylhexyl)phtha...	21.282	149	14766	3.44	ng	#	79
36) Indeno(1,2,3-cd)pyrene	25.940	276	53303	3.70	ng	#	90
37) Benzo(b)fluoranthene	22.941	252	46330	3.44	ng	#	92
38) Benzo(k)fluoranthene	22.989	252	44922	2.67	ng	#	94
39) Benzo(a)pyrene	23.530	252	40608	3.05	ng	#	85
40) Dibenzo(a,h)anthracene	25.960	278	46200	4.00	ng	#	91
41) Benzo(g,h,i)perylene	26.645	276	44848	3.14	ng	#	90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN014541.D
Acq On : 07 May 2021 15:48
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 07 16:24:23 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 14:41:36 2021
Response via : Initial Calibration



Instrument :
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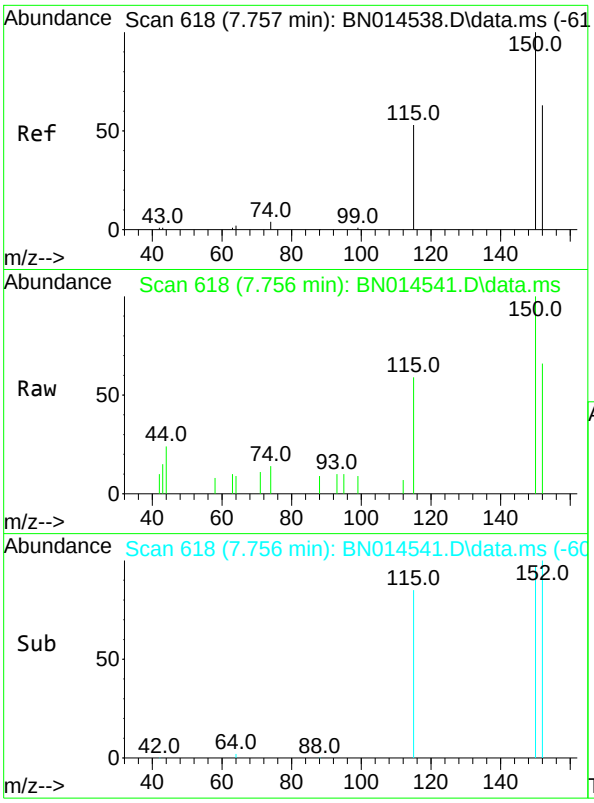
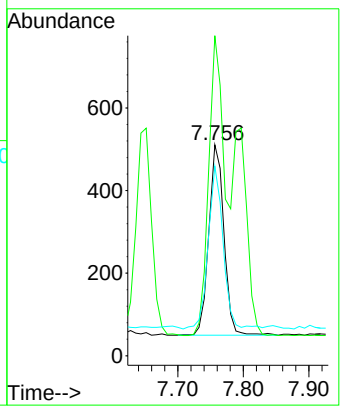
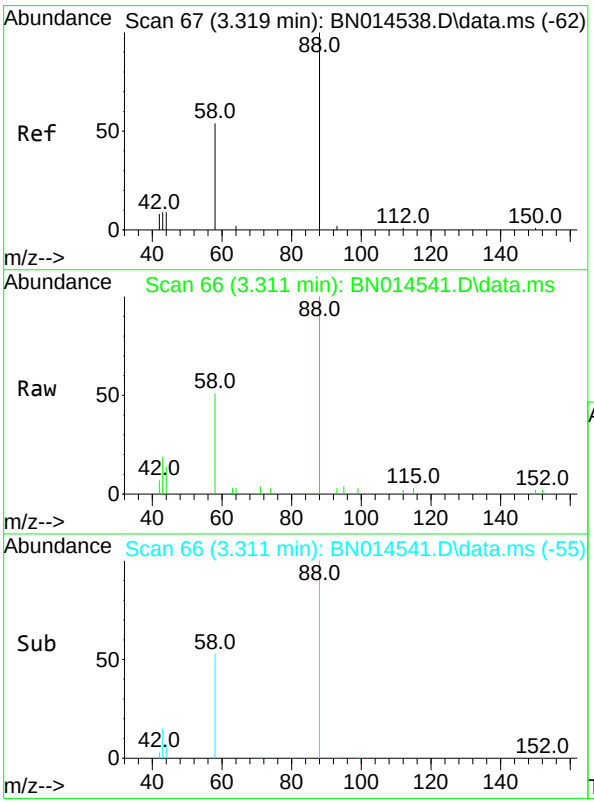


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.756 min Scan# 618
Delta R.T. -0.001 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:152 Resp: 738

Ion	Ratio	Lower	Upper
152	100		
150	151.7	123.8	185.8
115	89.8	47.0	70.4#

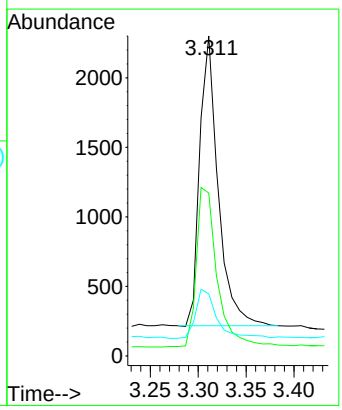




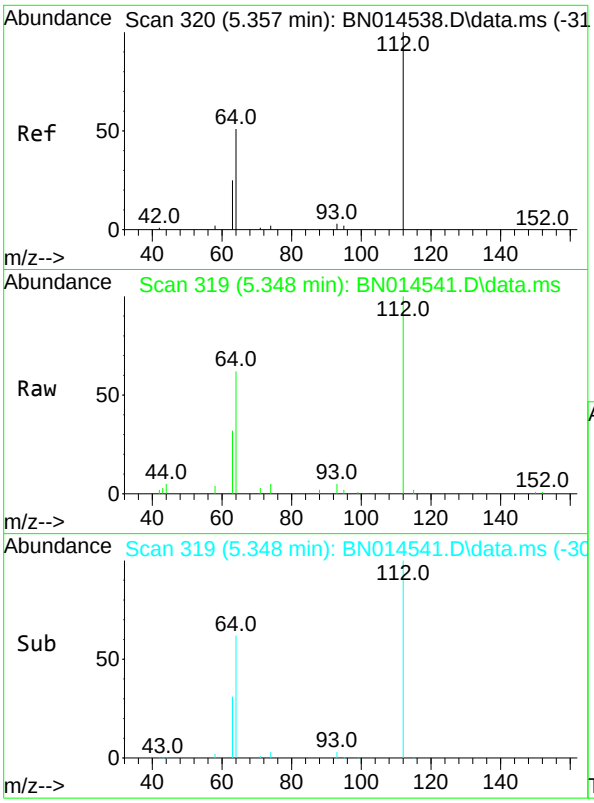
#2
1,4-Dioxane
Concen: 3.38 ng
RT: 3.311 min Scan# 66
Delta R.T. -0.008 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion: 88 Resp: 2793

Ion	Ratio	Lower	Upper
88	100		
58	62.0	44.4	66.6
43	19.6	15.9	23.9



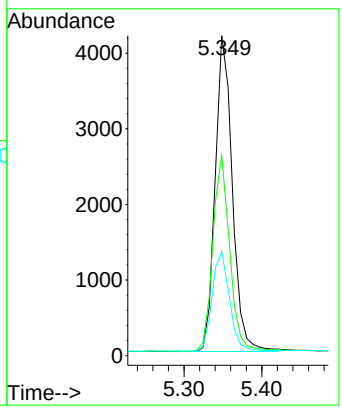
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

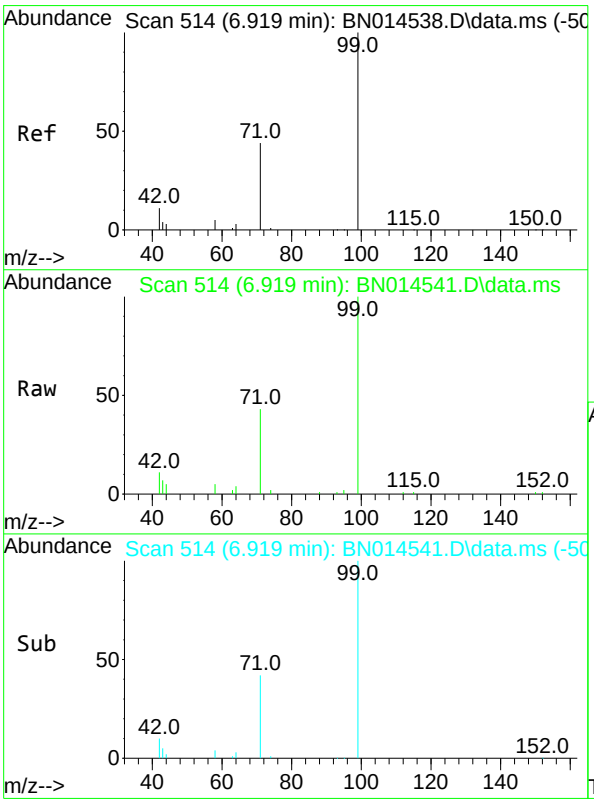


#4
2-Fluorophenol
Concen: 5.01 ng
RT: 5.348 min Scan# 319
Delta R.T. -0.008 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:112 Resp: 6383

Ion	Ratio	Lower	Upper
112	100		
64	61.0	41.8	62.6
63	32.0	22.0	33.0

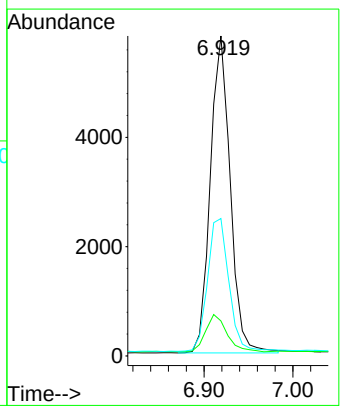


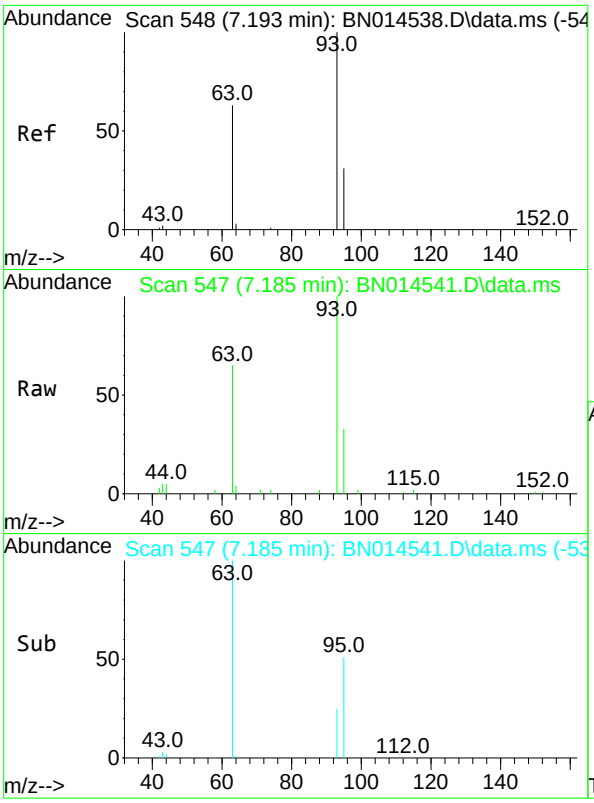


#5
Phenol-d6
Concen: 6.10 ng
RT: 6.919 min Scan# 514
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion: 99 Resp: 9014

Ion	Ratio	Lower	Upper
99	100		
42	12.5	13.2	19.8#
71	45.2	26.2	39.2#

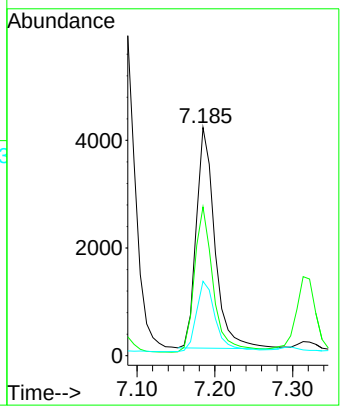




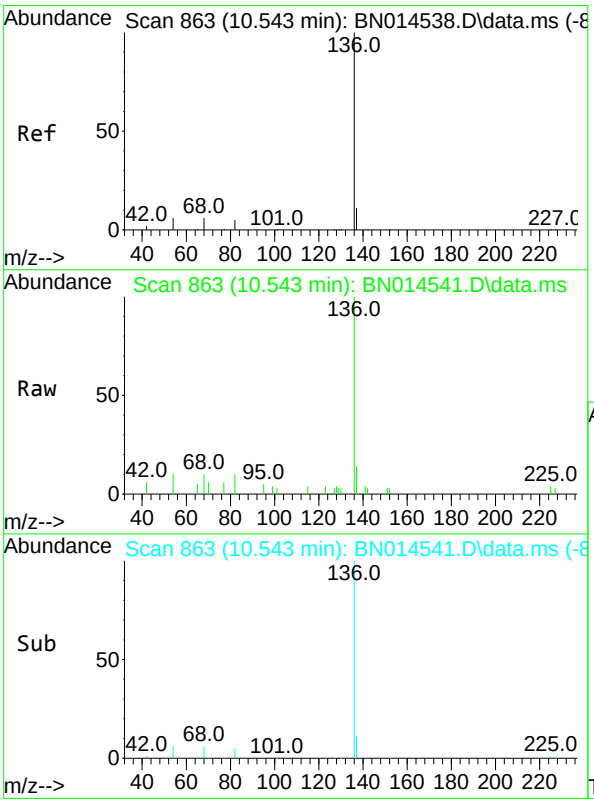
#6
bis(2-Chloroethyl)ether
Concen: 4.13 ng
RT: 7.185 min Scan# 547
Delta R.T. -0.008 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion: 93 Resp: 6841

Ion	Ratio	Lower	Upper
93	100		
63	66.4	58.0	87.0
95	33.2	27.0	40.6



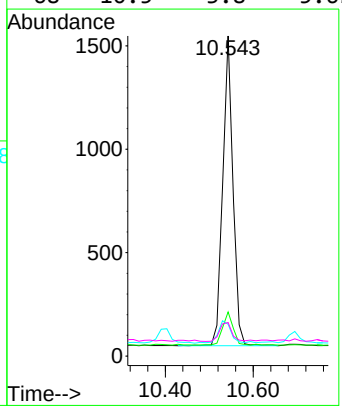
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



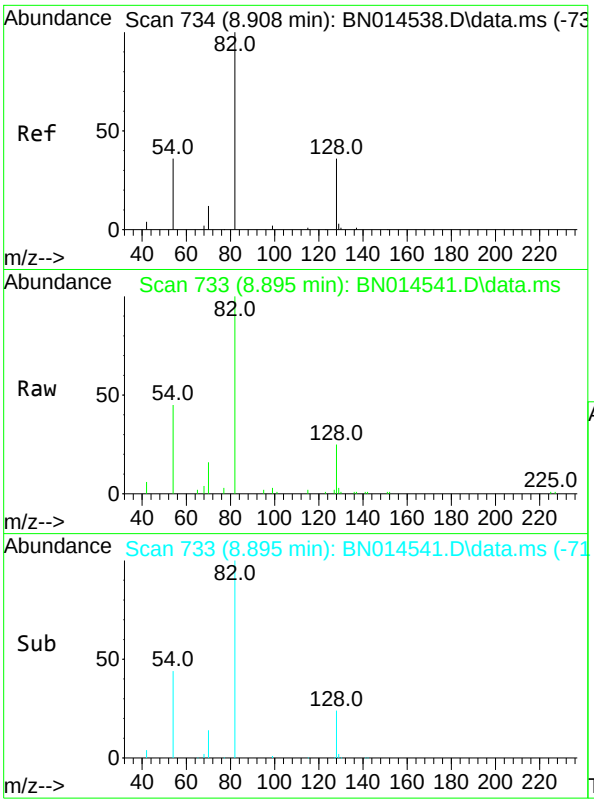
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:136 Resp: 2429

Ion	Ratio	Lower	Upper
136	100		
137	13.8	8.9	13.3#
54	9.9	3.8	5.8#
68	10.5	3.8	5.6#



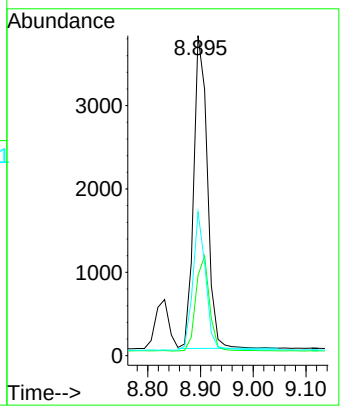
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

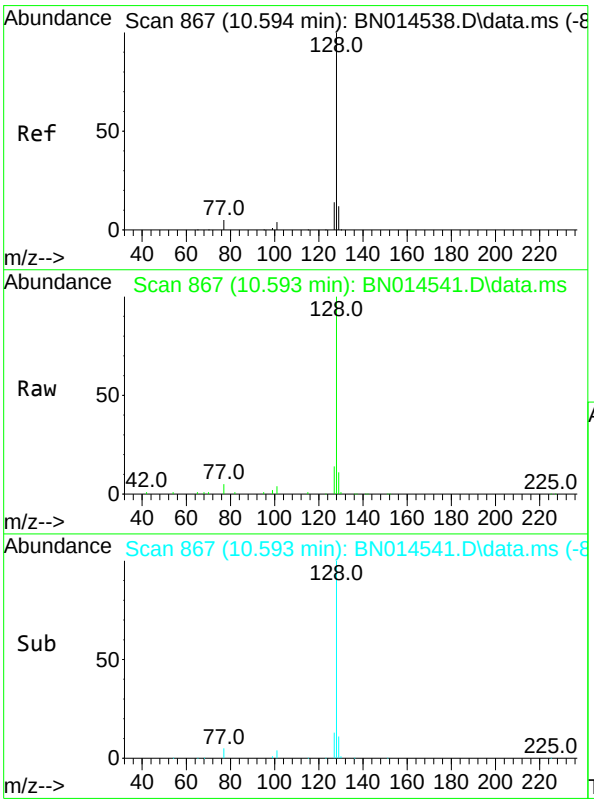


#8
Nitrobenzene-d5
Concen: 4.13 ng
RT: 8.895 min Scan# 733
Delta R.T. -0.013 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion: 82 Resp: 6779

Ion	Ratio	Lower	Upper
82	100		
128	25.1	29.5	44.3#
54	44.9	36.9	55.3

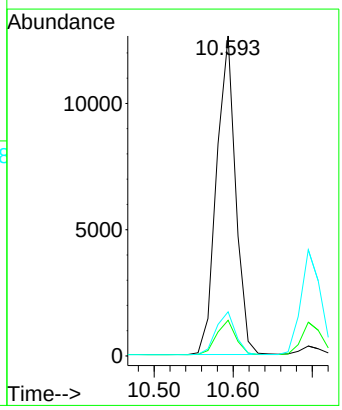




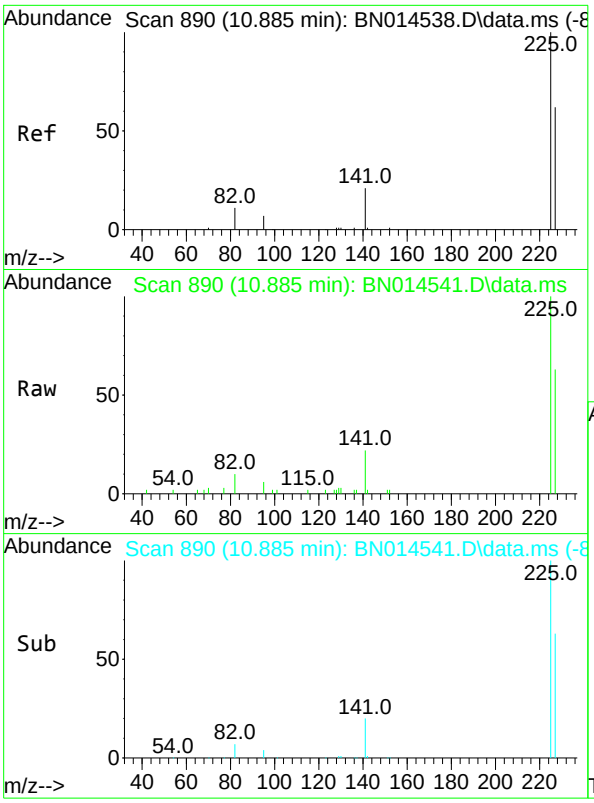
#9
Naphthalene
Concen: 3.46 ng
RT: 10.593 min Scan# 867
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:128 Resp: 21081

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.8	10.4	15.6



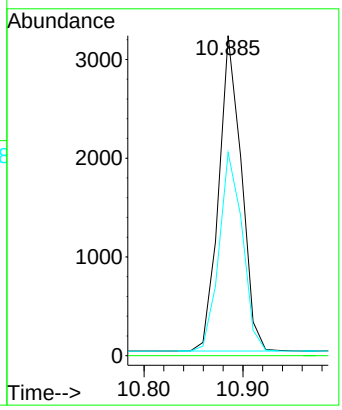
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

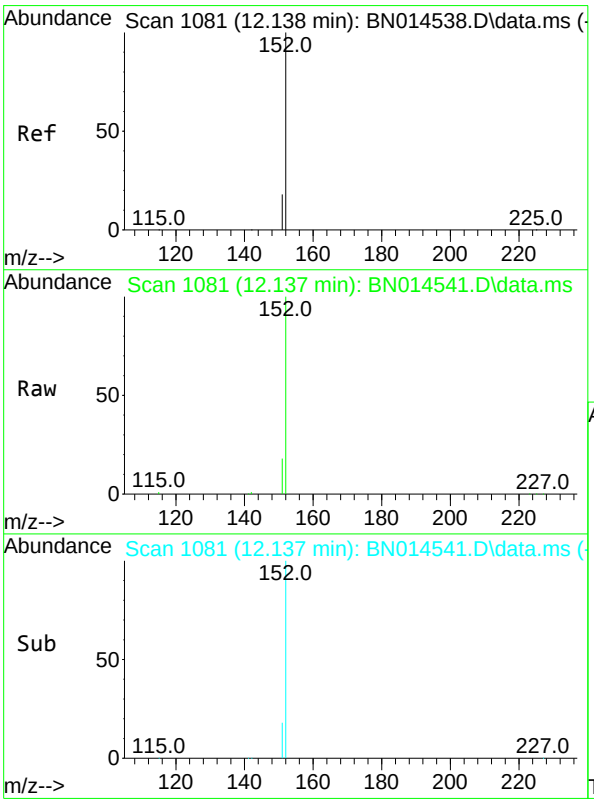


#10
Hexachlorobutadiene
Concen: 4.21 ng
RT: 10.885 min Scan# 890
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:225 Resp: 5083

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.9	76.3

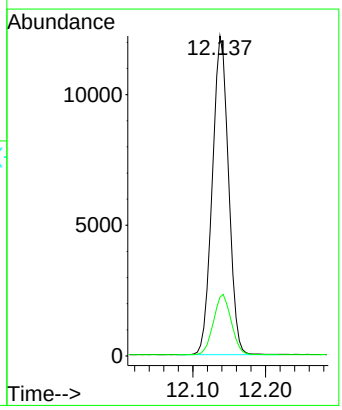




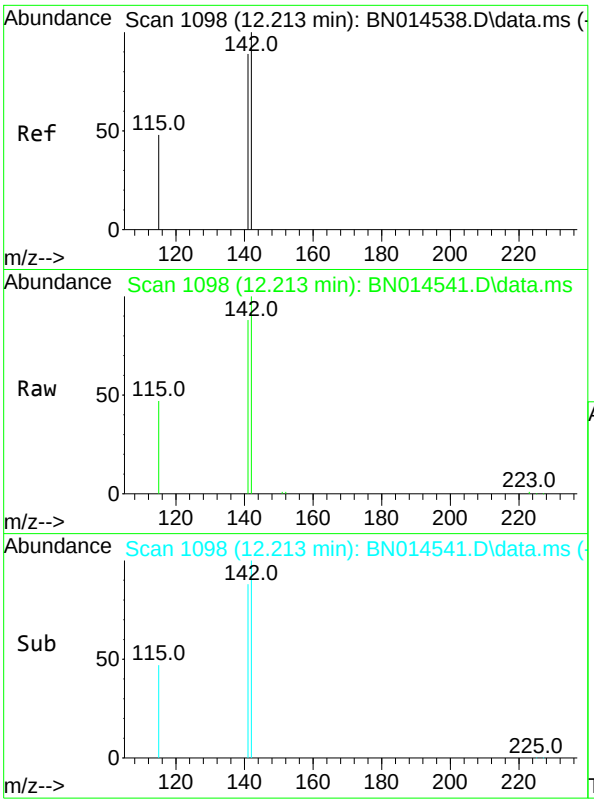
#11
2-Methylnaphthalene-d10
Concen: 5.33 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:152 Resp: 18956

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2



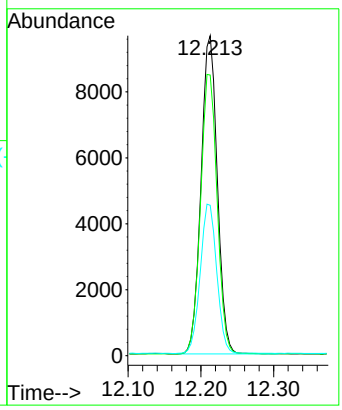
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

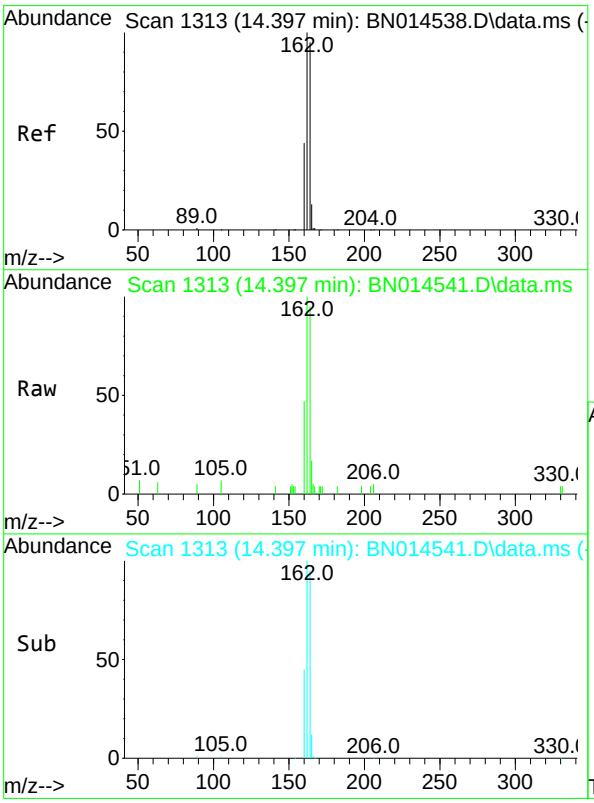


#12
2-Methylnaphthalene
Concen: 3.93 ng
RT: 12.213 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:142 Resp: 15027

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4
115	47.0	26.7	40.1#

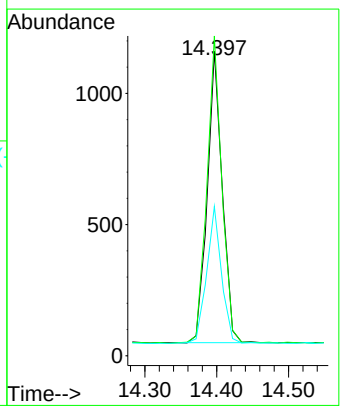




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:164 Resp: 1608

Ion	Ratio	Lower	Upper
164	100		
162	105.1	78.6	118.0
160	49.1	35.8	53.8



Instrument :
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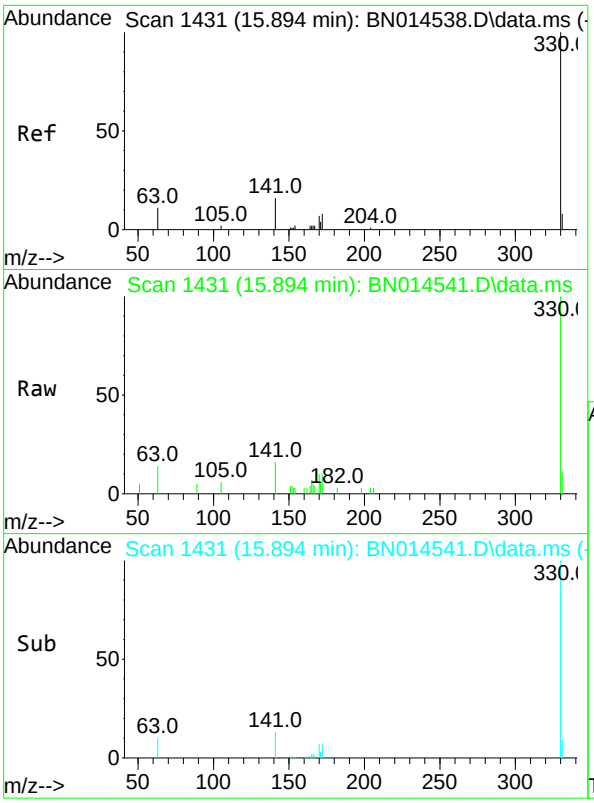
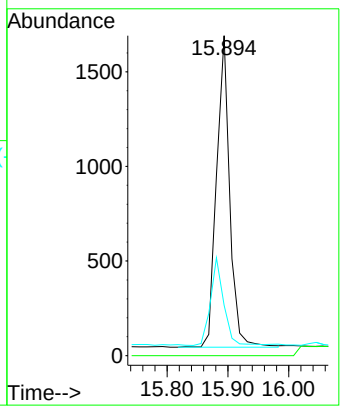
SSTDICC3.2

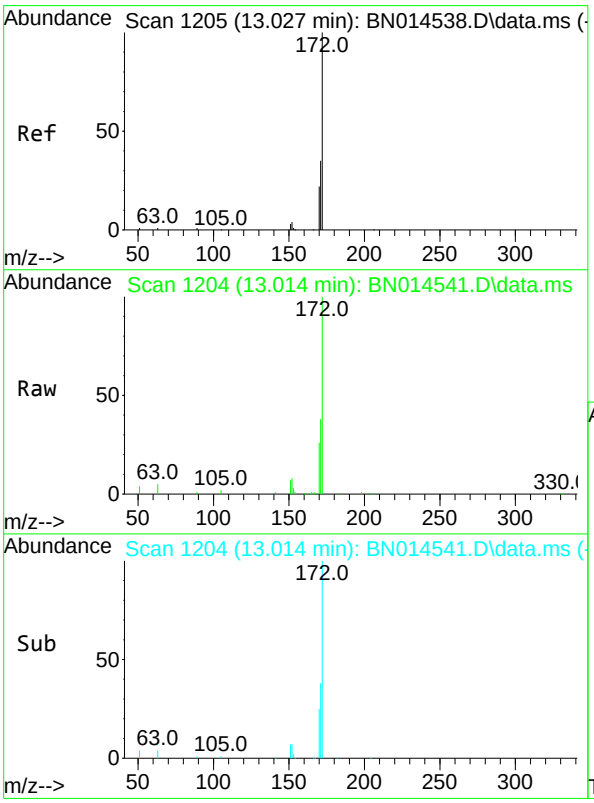


#14
2,4,6-Tribromophenol
Concen: 6.47 ng
RT: 15.894 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:330 Resp: 2466

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.3	27.0	40.4

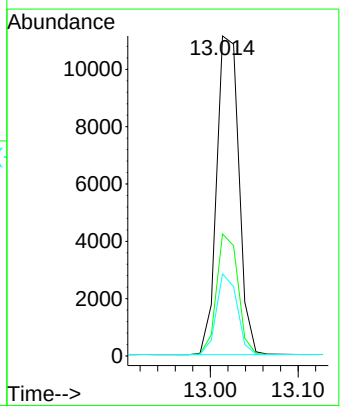




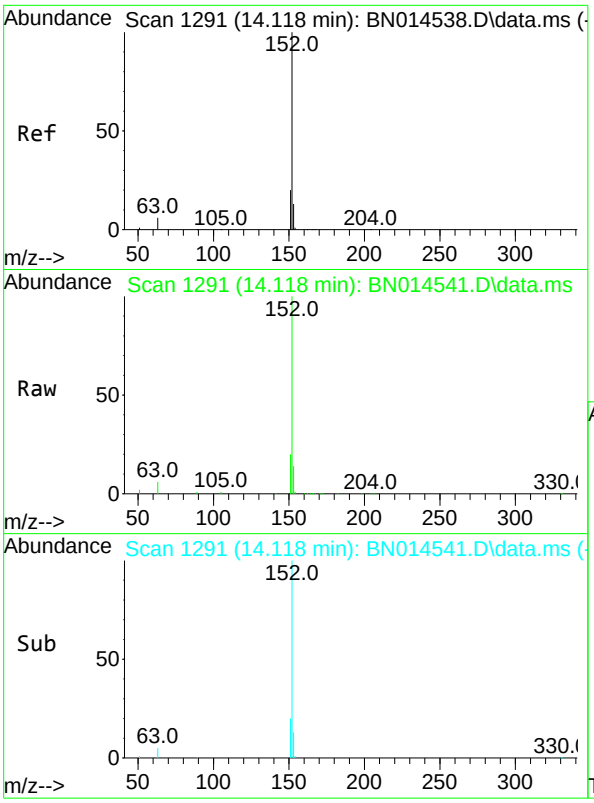
#15
2-Fluorobiphenyl
Concen: 3.39 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.013 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:172 Resp: 19580

Ion	Ratio	Lower	Upper
172	100		
171	38.1	27.1	40.7
170	25.7	18.3	27.5



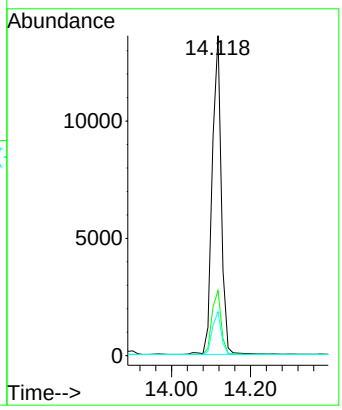
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

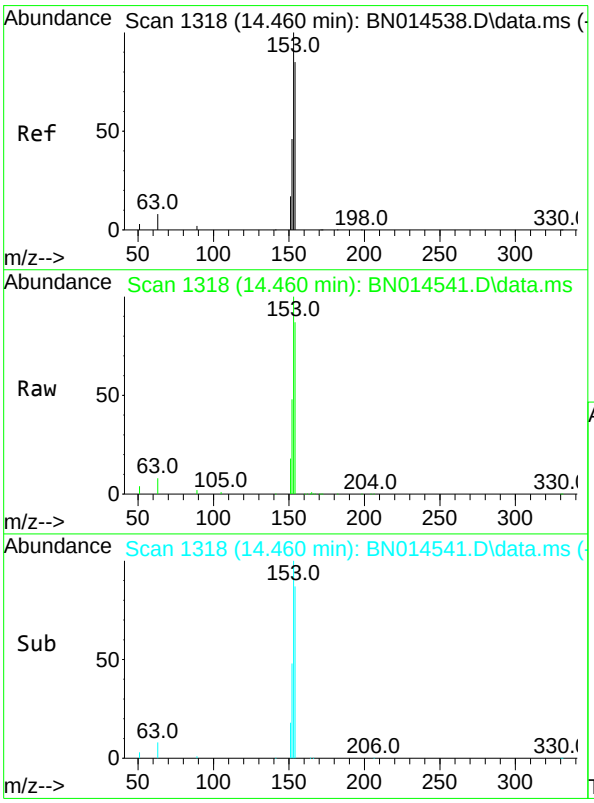


#16
Acenaphthylene
Concen: 3.36 ng
RT: 14.118 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:152 Resp: 21618

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.6	23.4
153	13.3	10.5	15.7

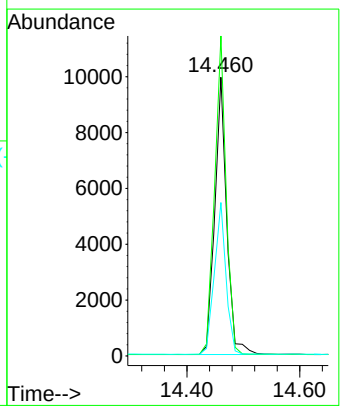




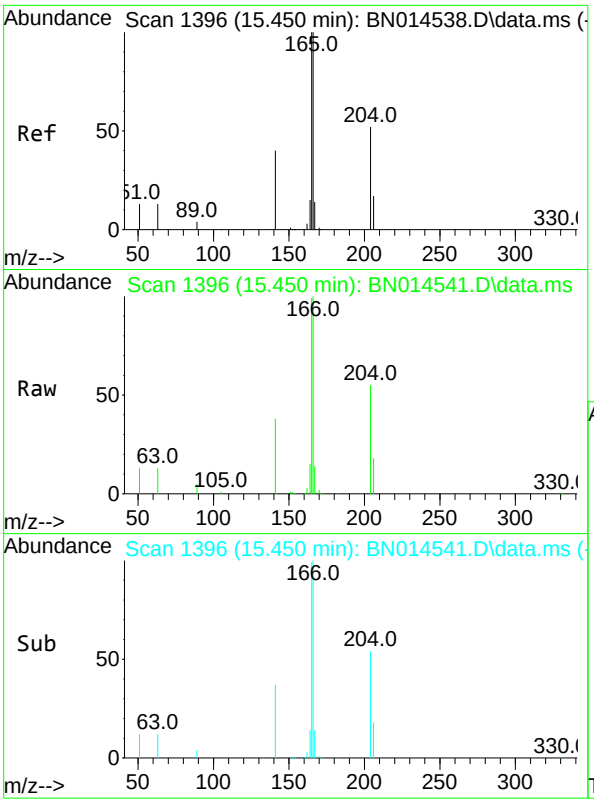
#17
Acenaphthene
Concen: 3.28 ng
RT: 14.460 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:154 Resp: 14577

Ion	Ratio	Lower	Upper
154	100		
153	110.9	90.2	135.4
152	53.4	46.2	69.2



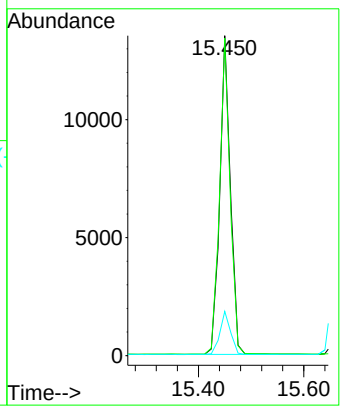
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

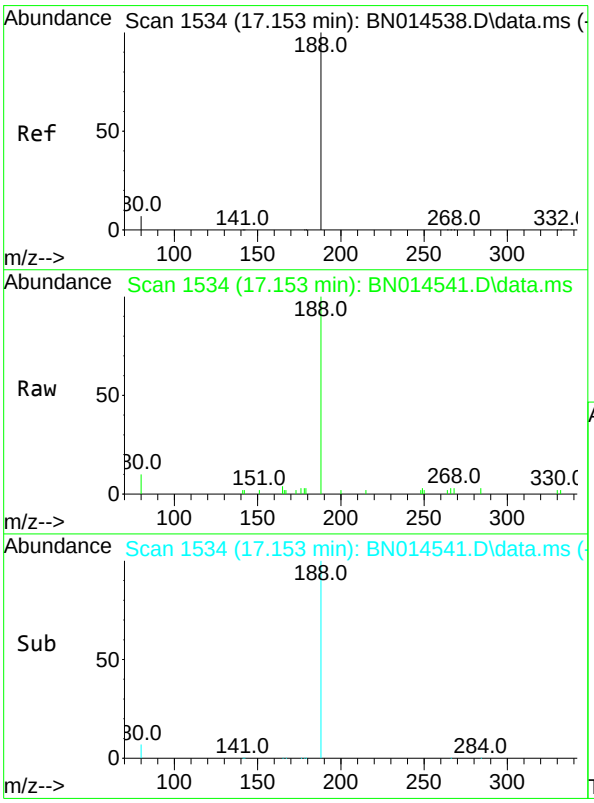


#18
Fluorene
Concen: 3.52 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:166 Resp: 18882

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.4	117.6
167	13.6	10.7	16.1

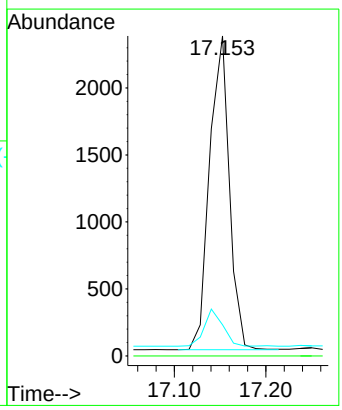




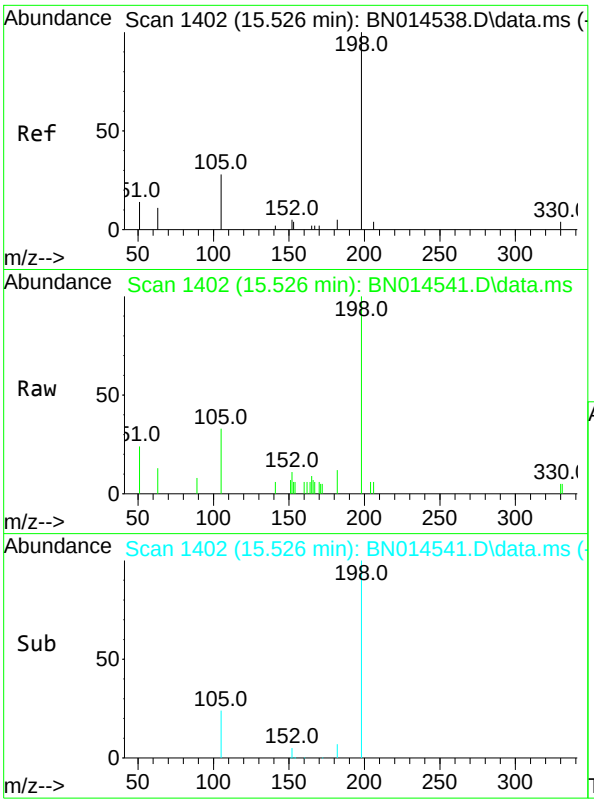
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:188 Resp: 3520

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	5.2	7.8#



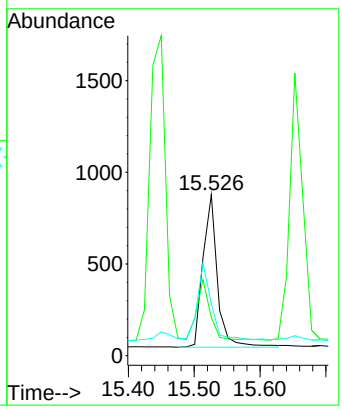
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

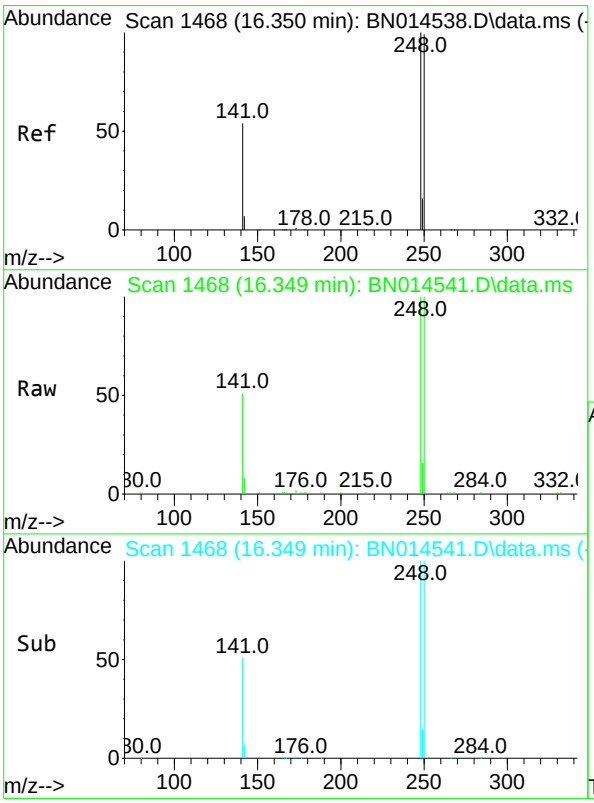


#20
4,6-Dinitro-2-methylphenol
Concen: 5.72 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:198 Resp: 1270

Ion	Ratio	Lower	Upper
198	100		
51	23.8	865.3	1297.9#
105	32.6	93.6	140.4#

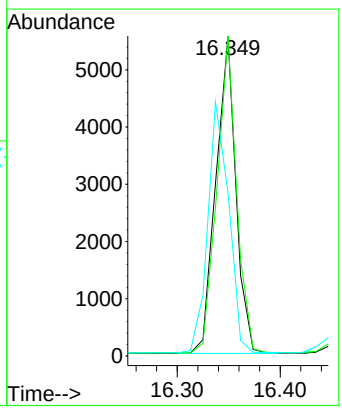




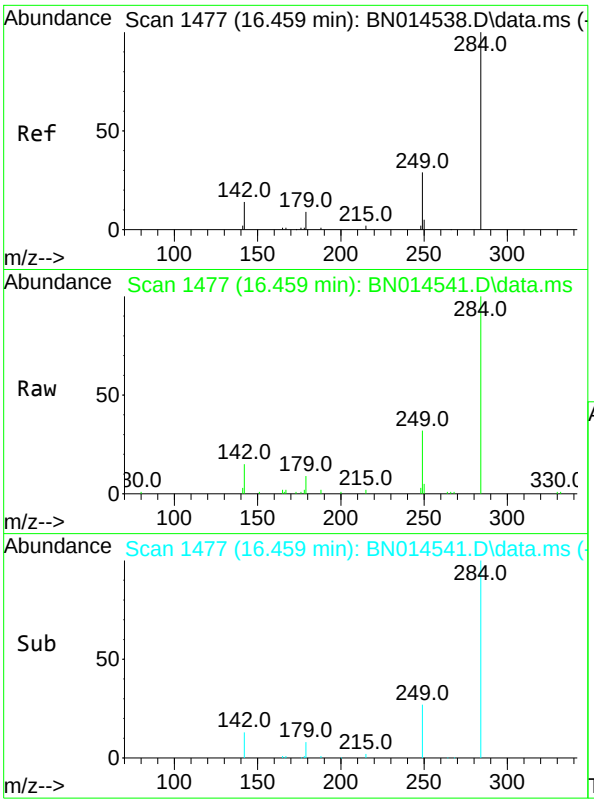
#21
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 16.349 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:248 Resp: 7454

Ion	Ratio	Lower	Upper
248	100		
250	100.1	80.5	120.7
141	51.2	37.2	55.8



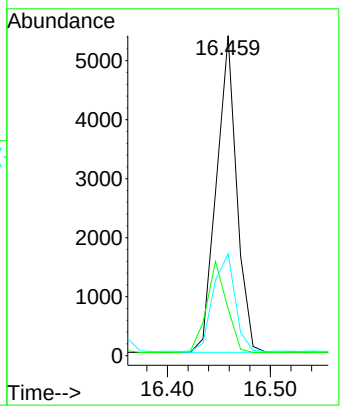
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

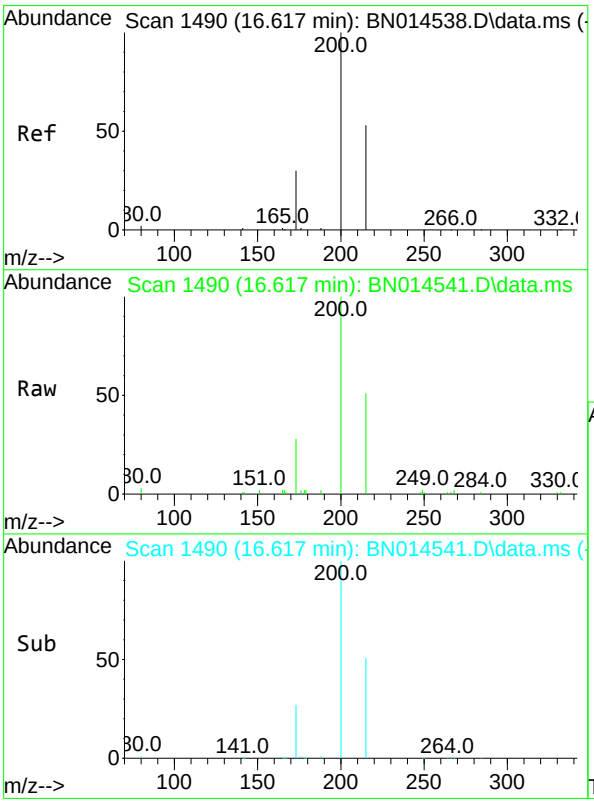


#22
Hexachlorobenzene
Concen: 2.91 ng
RT: 16.459 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:284 Resp: 7335

Ion	Ratio	Lower	Upper
284	100		
142	28.8	26.6	39.8
249	33.3	23.6	35.4

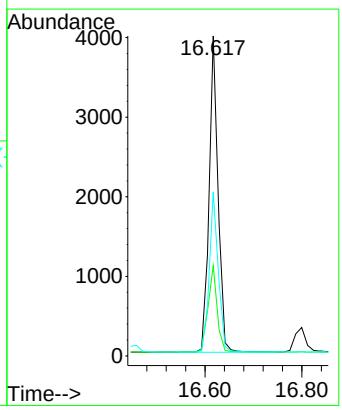




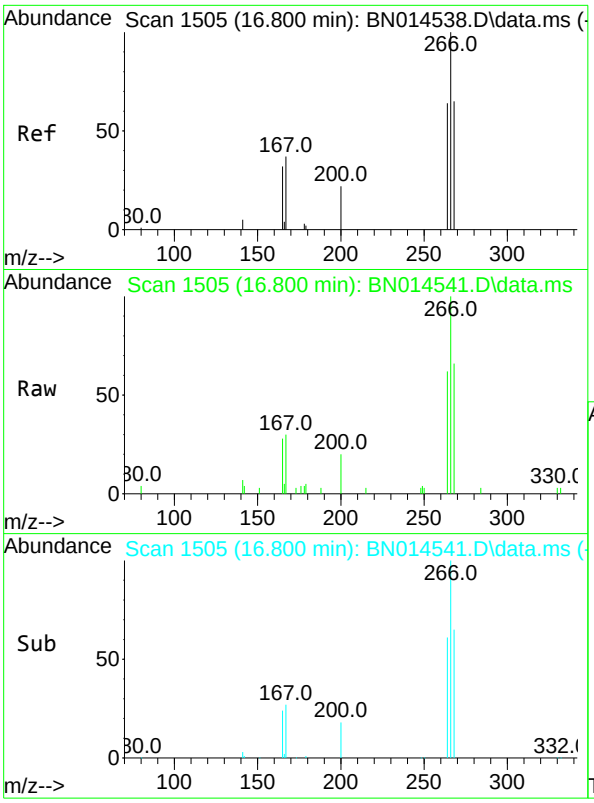
#23
Atrazine
Concen: 5.19 ng
RT: 16.617 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:200 Resp: 5155

Ion	Ratio	Lower	Upper
200	100		
173	28.2	23.0	34.6
215	51.3	38.6	57.8



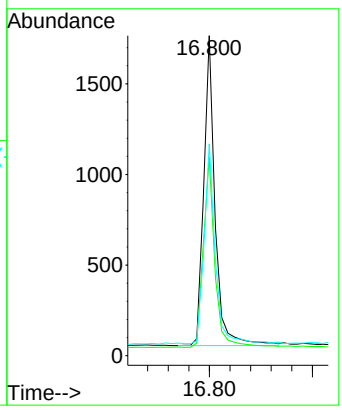
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

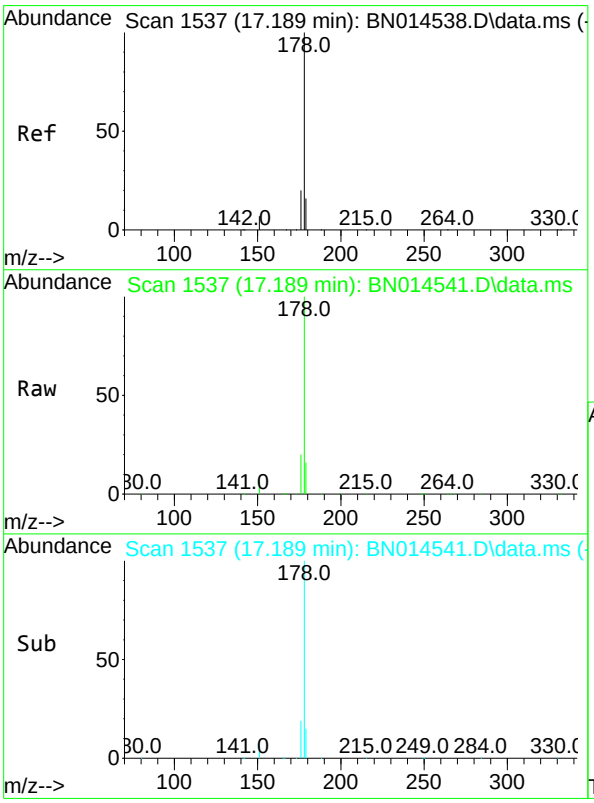


#24
Pentachlorophenol
Concen: 7.51 ng
RT: 16.800 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:266 Resp: 2613

Ion	Ratio	Lower	Upper
266	100		
264	62.5	24.2	36.4#
268	63.7	25.2	37.8#

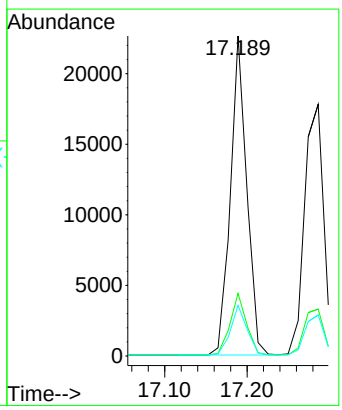


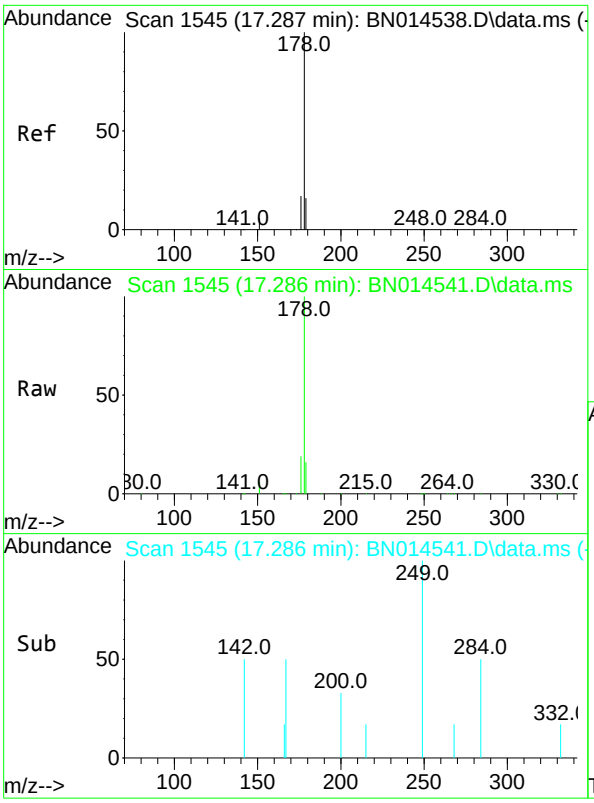


#25
Phenanthrene
Concen: 3.25 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:178 Resp: 31137

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.5	12.4	18.6

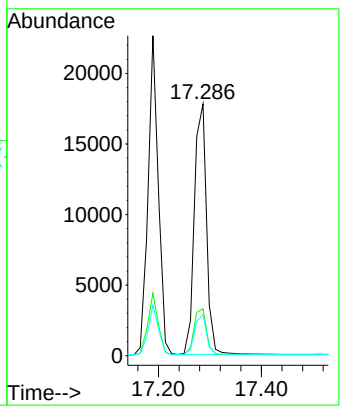




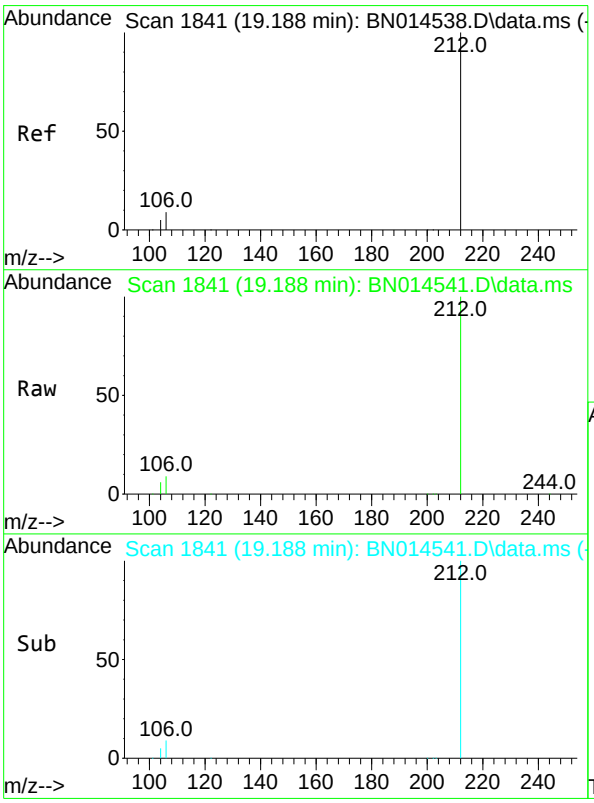
#26
Anthracene
Concen: 4.00 ng
RT: 17.286 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:178 Resp: 29137

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.7	12.2	18.2



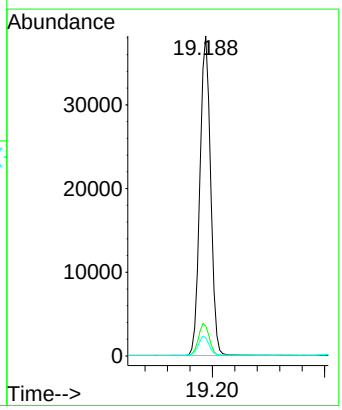
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



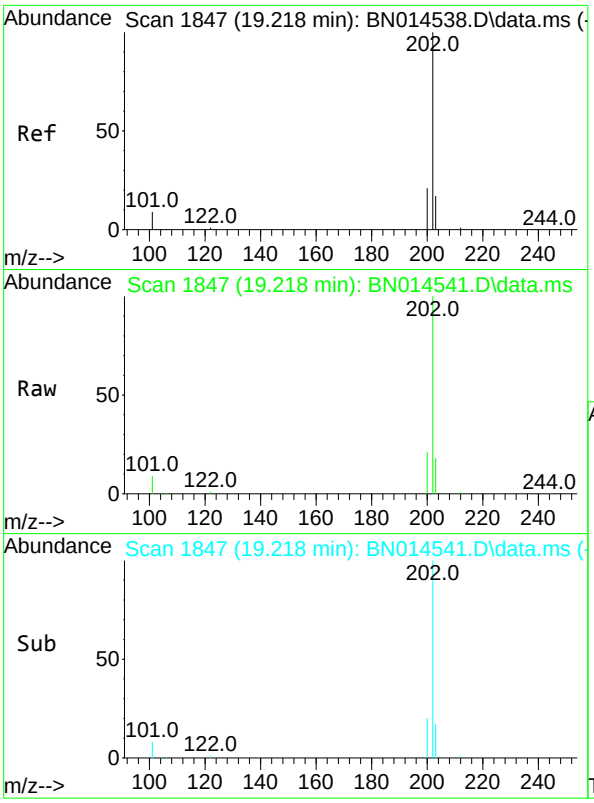
#27
Fluoranthene-d10
Concen: 5.55 ng
RT: 19.188 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:212 Resp: 50554

Ion	Ratio	Lower	Upper
212	100		
106	10.1	10.1	15.1
104	5.9	5.4	8.2



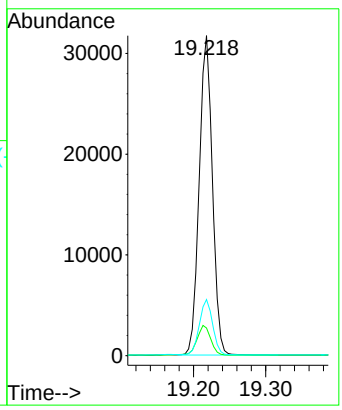
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

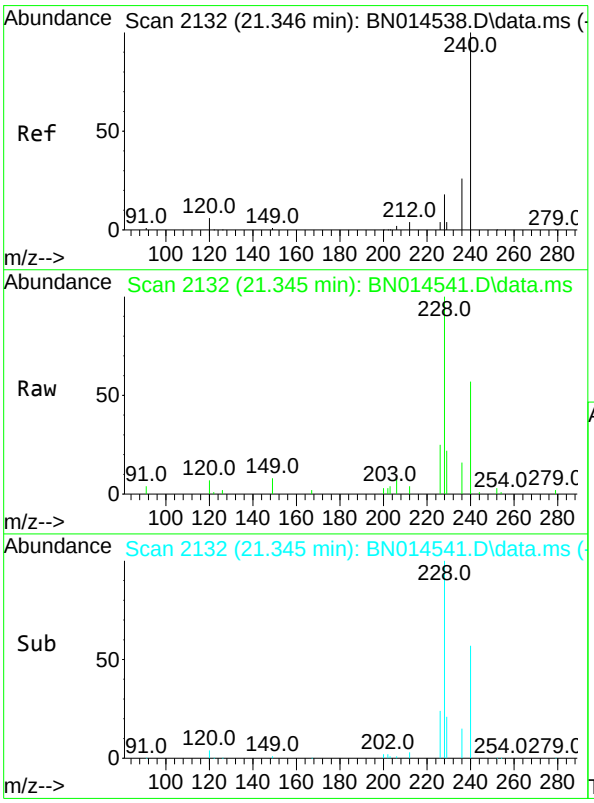


#28
Fluoranthene
Concen: 3.92 ng
RT: 19.218 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:202 Resp: 40295

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.4	12.6
203	17.5	13.5	20.3

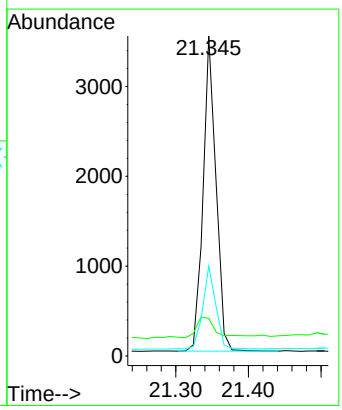




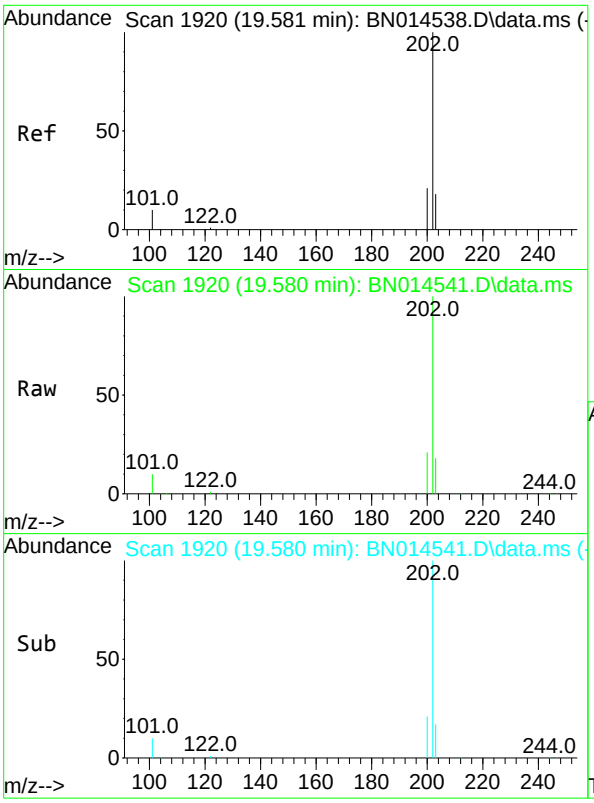
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.345 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:240 Resp: 4326

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.8	8.8#
236	28.2	20.6	30.8



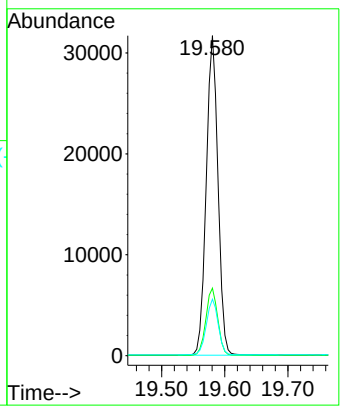
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

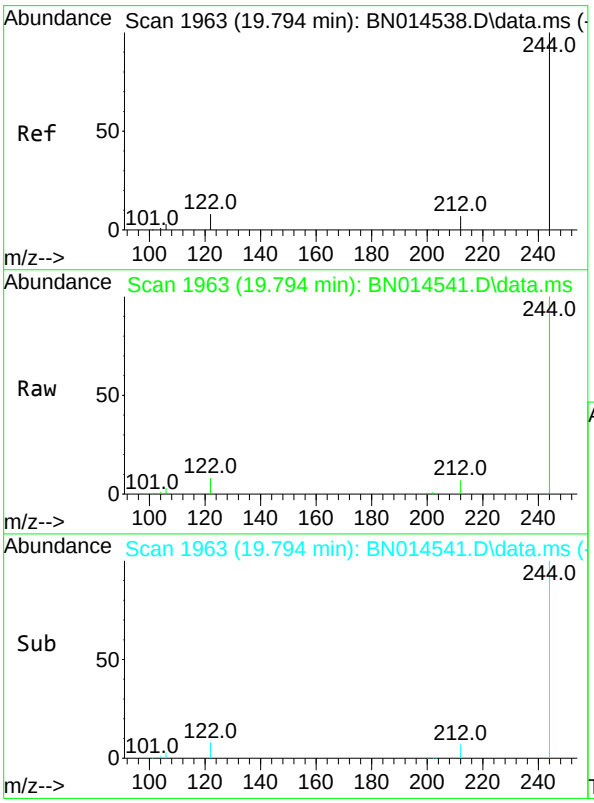


#30
Pyrene
Concen: 2.98 ng
RT: 19.580 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:202 Resp: 40721

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	17.7	14.0	21.0

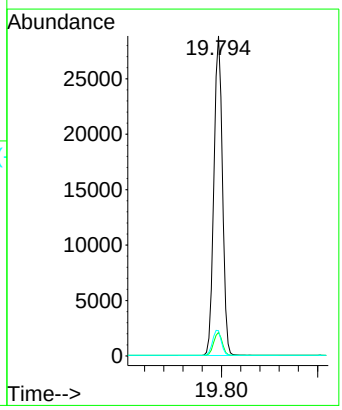




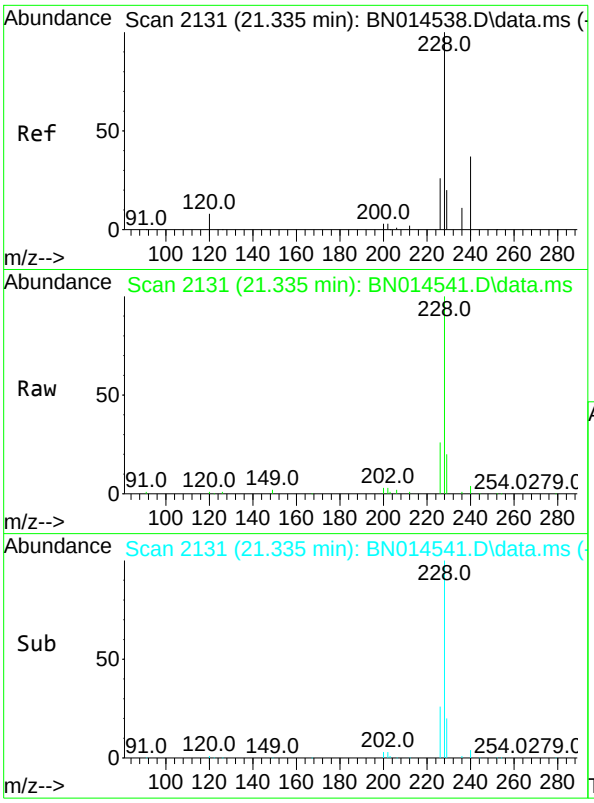
#31
Terphenyl-d14
Concen: 3.70 ng
RT: 19.794 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:244 Resp: 35261

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.9	9.3	13.9#



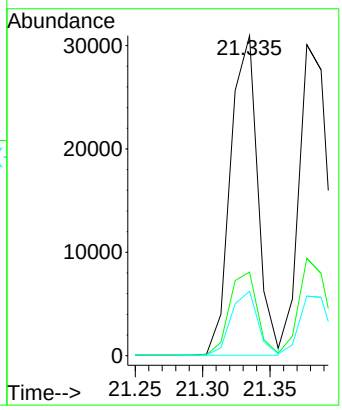
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

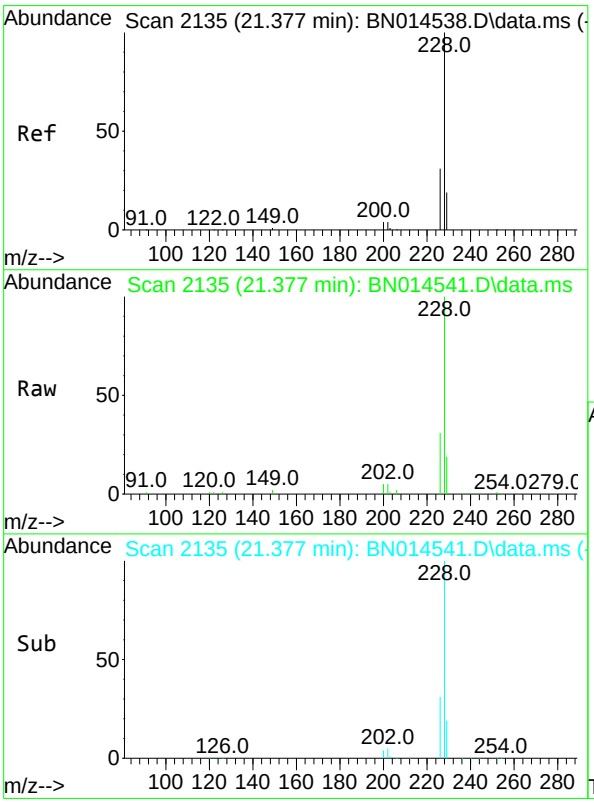


#32
Benzo(a)anthracene
Concen: 4.21 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:228 Resp: 42980

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	20.2	15.7	23.5

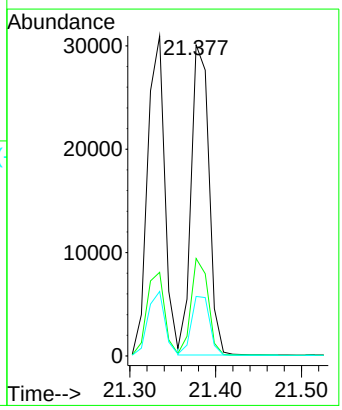


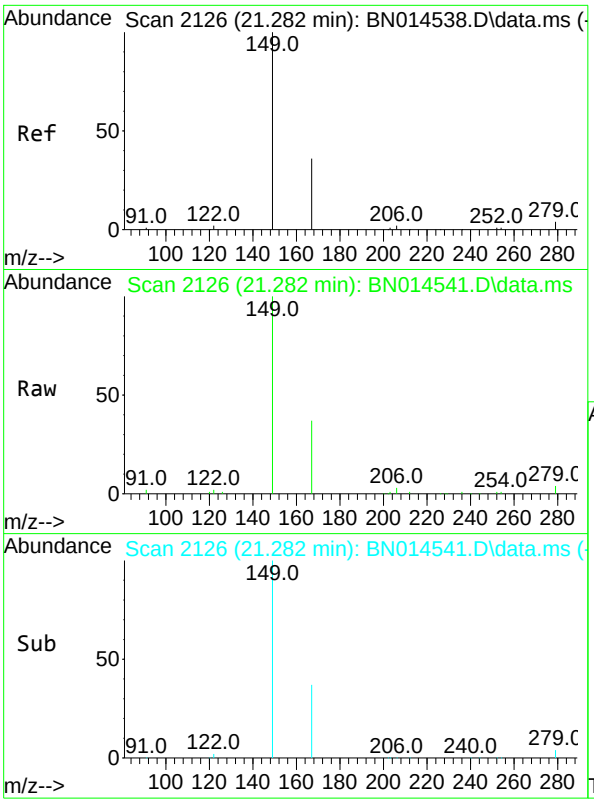


#33
Chrysene
Concen: 3.22 ng
RT: 21.377 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:228 Resp: 43279

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.6
229	19.1	15.6	23.4

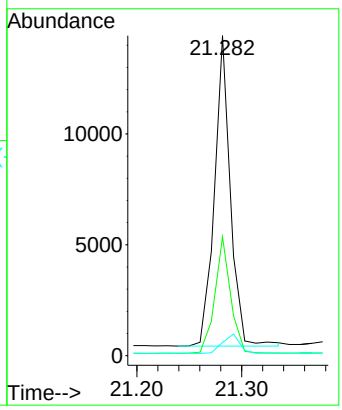




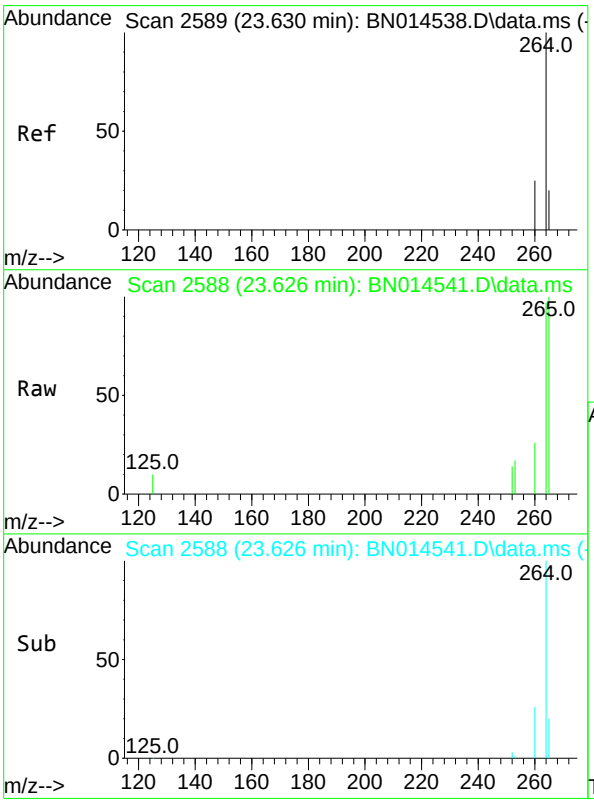
#34
Bis(2-ethylhexyl)phthalate
Concen: 3.44 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:149 Resp: 14766

Ion	Ratio	Lower	Upper
149	100		
167	37.1	20.5	30.7#
279	6.8	2.9	4.3#



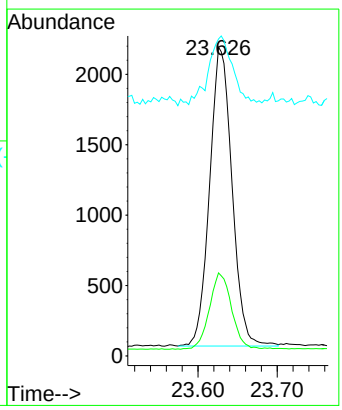
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



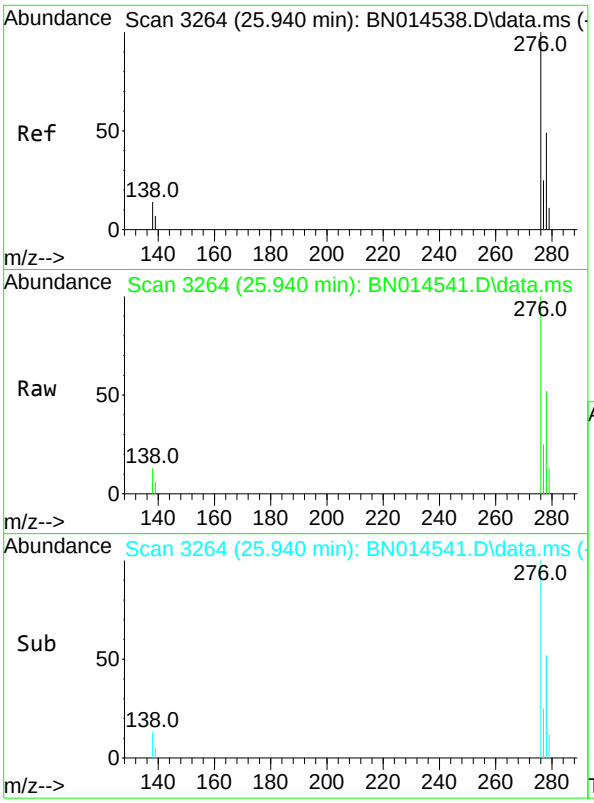
#35
Perylene-d12
Concen: 0.40 ng
RT: 23.626 min Scan# 2588
Delta R.T. -0.004 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:264 Resp: 4164

Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.5	29.3
265	102.7	35.4	53.0#



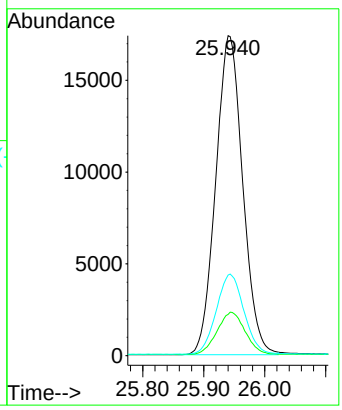
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

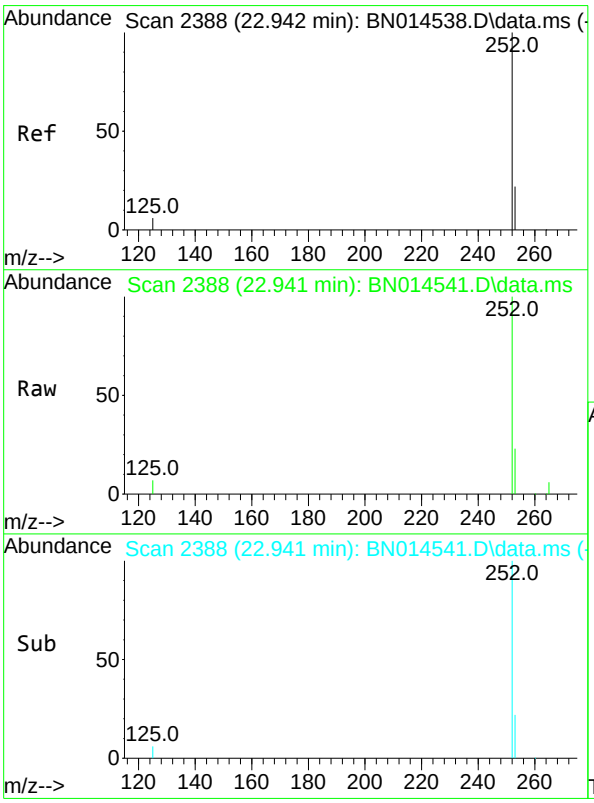


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.70 ng
RT: 25.940 min Scan# 3264
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:276 Resp: 53303

Ion	Ratio	Lower	Upper
276	100		
138	13.8	18.8	28.2#
277	25.6	19.8	29.8

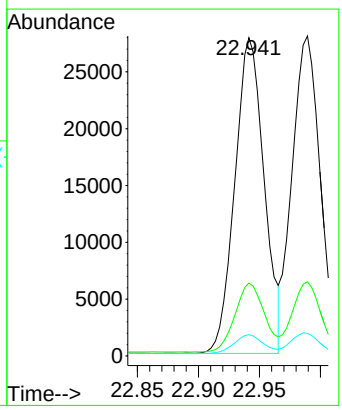




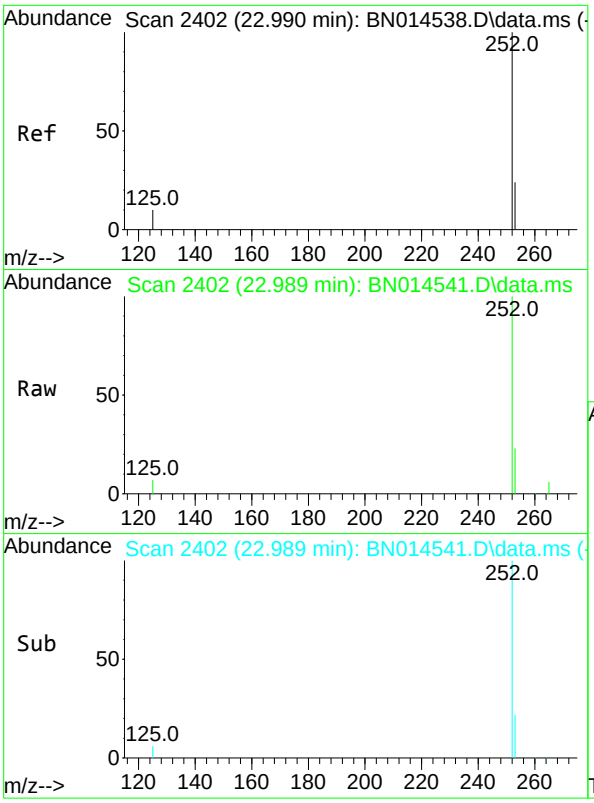
#37
Benzo(b)fluoranthene
Concen: 3.44 ng
RT: 22.941 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:252 Resp: 46330

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.6	29.4
125	6.7	10.3	15.5#



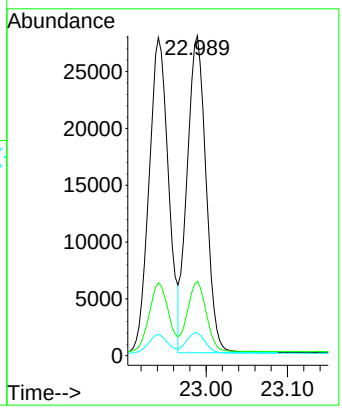
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

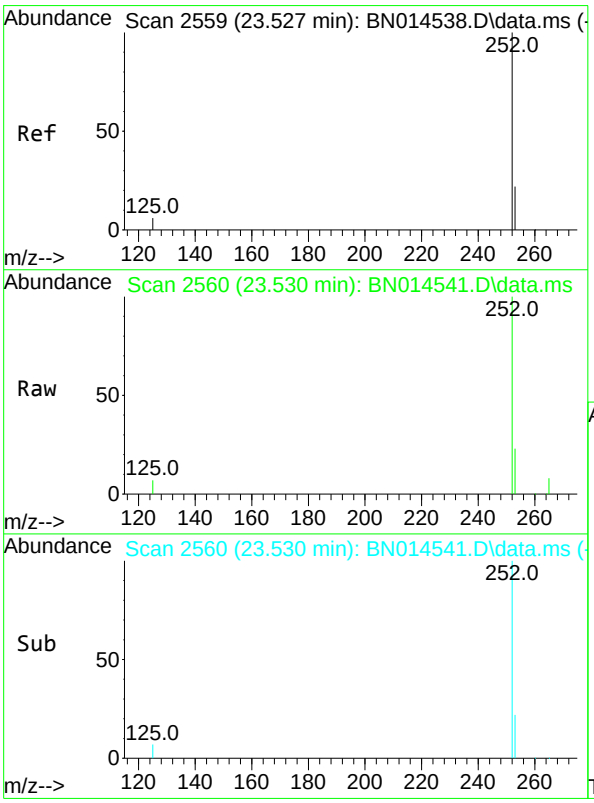


#38
Benzo(k)fluoranthene
Concen: 2.67 ng
RT: 22.989 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:252 Resp: 44922

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.7	29.5
125	7.0	9.7	14.5#

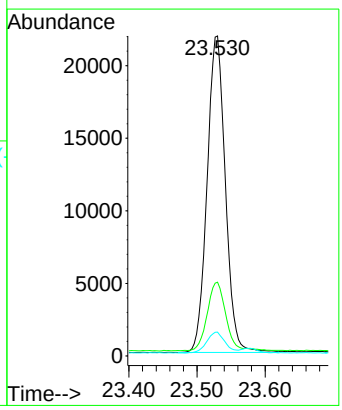




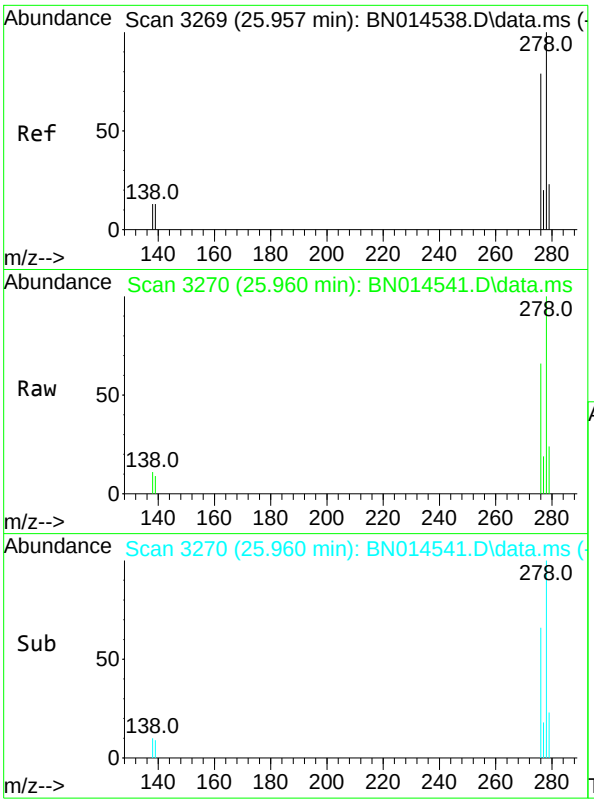
#39
Benzo(a)pyrene
Concen: 3.05 ng
RT: 23.530 min Scan# 2560
Delta R.T. 0.003 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:252 Resp: 40608

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.8	32.6
125	7.4	14.9	22.3#



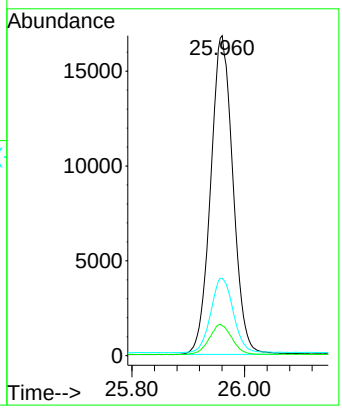
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

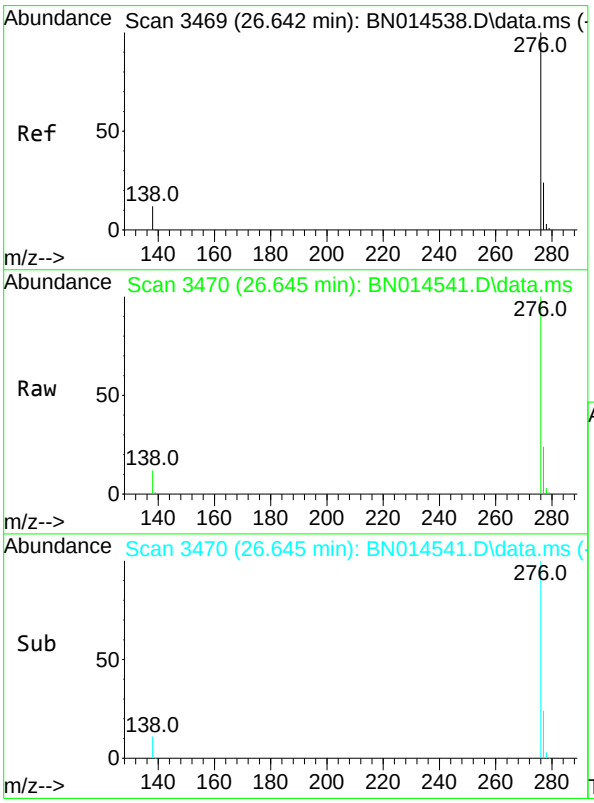


#40
Dibenzo(a,h)anthracene
Concen: 4.00 ng
RT: 25.960 min Scan# 3270
Delta R.T. 0.003 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:278 Resp: 46200

Ion	Ratio	Lower	Upper
278	100		
139	9.4	13.9	20.9#
279	24.2	20.7	31.1





#41
Benzo(g,h,i)perylene
Concen: 3.14 ng
RT: 26.645 min Scan# 3470
Delta R.T. 0.003 min
Lab File: BN014541.D
Acq: 07 May 2021 15:48

Tgt Ion:276 Resp: 44848

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	11.9	17.5	26.3#