Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
Data File : BN013683.D
Acq On : 19 Feb 2021 14:56
Operator : CG/JU
Sample : M1448-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GWBR3-95-113-021621

Quant Time: Feb 19 15:36:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	5685	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	22801	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	13576	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	29525	0.40	ng	#	0.00
29) Chrysene-d12	21.133	240	30095	0.40	ng		0.00
36) Perylene-d12	23.301	264	28545	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	2198	0.18	ng		0.00
5) Phenol-d6	6.726	99	1694	0.11	ng		0.00
8) Nitrobenzene-d5	8.680	82	4198	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	10422	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1733	0.45	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	15354	0.30	ng		0.00
27) Fluoranthene-d10	18.970	212	31067	0.39	ng		0.00
31) Terphenyl-d14	19.581	244	29147	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	21068	3.31	ng		97
9) Naphthalene	10.353	128	48929	0.87	ng		100
12) 2-Methylnaphthalene	11.977	142	5024	0.13	ng		99
20) 4,6-Dinitro-2-methylph...	15.298	198	112	0.18	ng	#	1
23) Atrazine	16.033	200	221	0.02	ng	#	1
24) Pentachlorophenol	16.581	266	74	0.21	ng	#	88
25) Phenanthrene	16.970	178	5057	0.06	ng		97
28) Fluoranthene	19.000	202	3638	0.04	ng	#	96
30) Pyrene	19.367	202	3212	0.04	ng	#	94
33) Chrysene	21.165	228	1939	0.02	ng	#	81
34) Bis(2-ethylhexyl)phtha...	21.069	149	8087	0.34	ng		99
37) Benzo(b)fluoranthene	22.657	252	3359	0.03	ng	#	31
38) Benzo(k)fluoranthene	22.657	252	3359	0.03	ng	#	33
41) Benzo(g,h,i)perylene	26.097	276	2180	0.02	ng	#	79

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021921\
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Operator : CG/JU
Sample : M1448-01
Misc :
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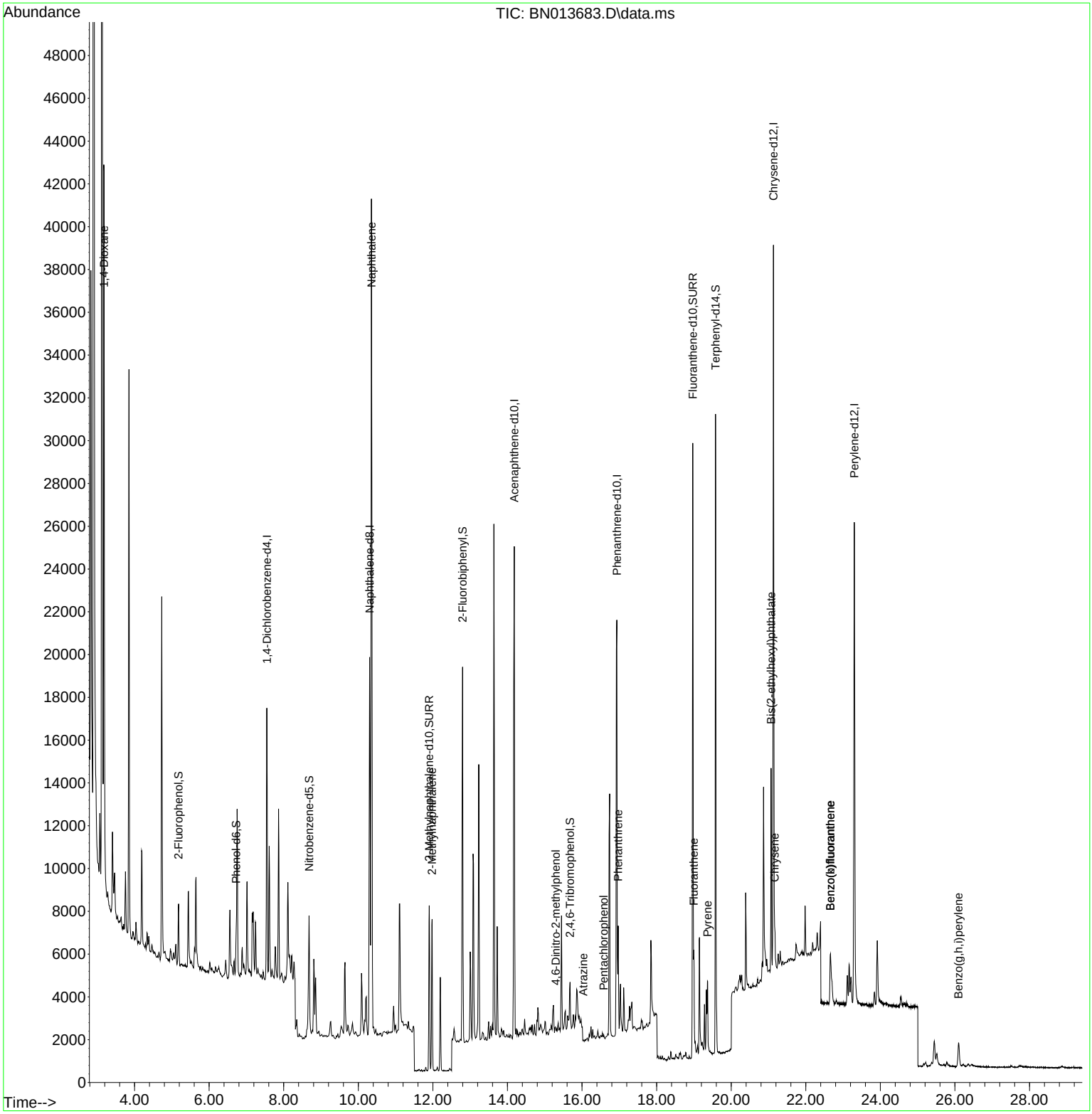
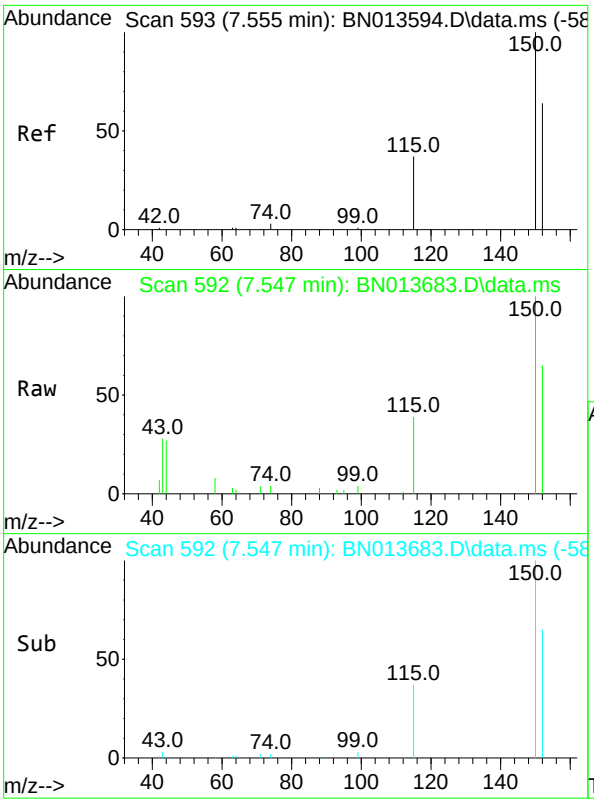
GWBR3-95-113-021621

Quant Time: Feb 19 15:36:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

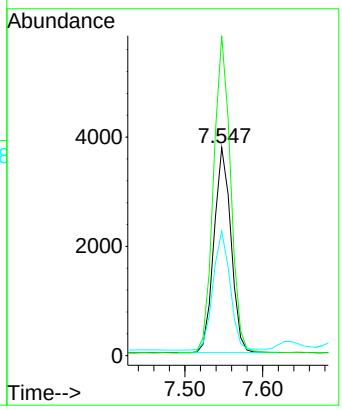




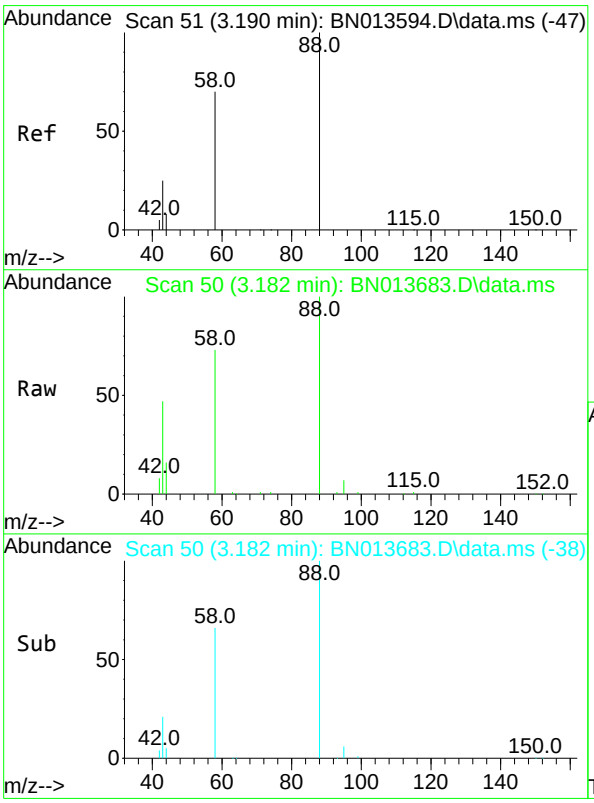
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:152 Resp: 5685

Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.8	182.8
115	59.7	46.6	69.8



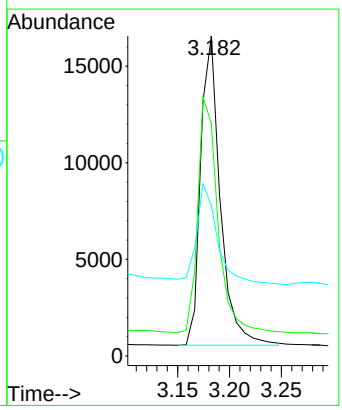
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621



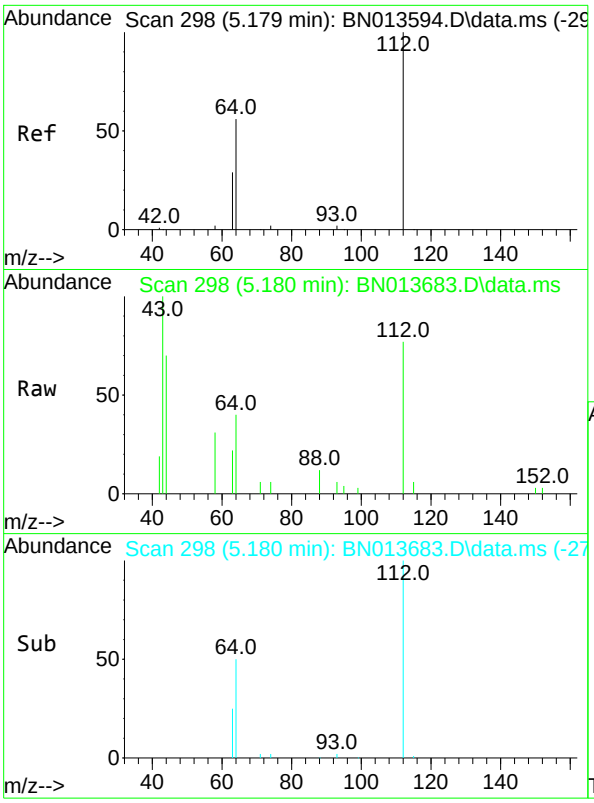
#2
1,4-Dioxane
Concen: 3.31 ng
RT: 3.182 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion: 88 Resp: 21068

Ion	Ratio	Lower	Upper
88	100		
58	77.5	64.6	96.8
43	33.9	26.6	40.0



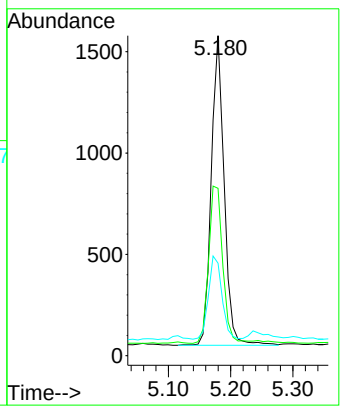
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621

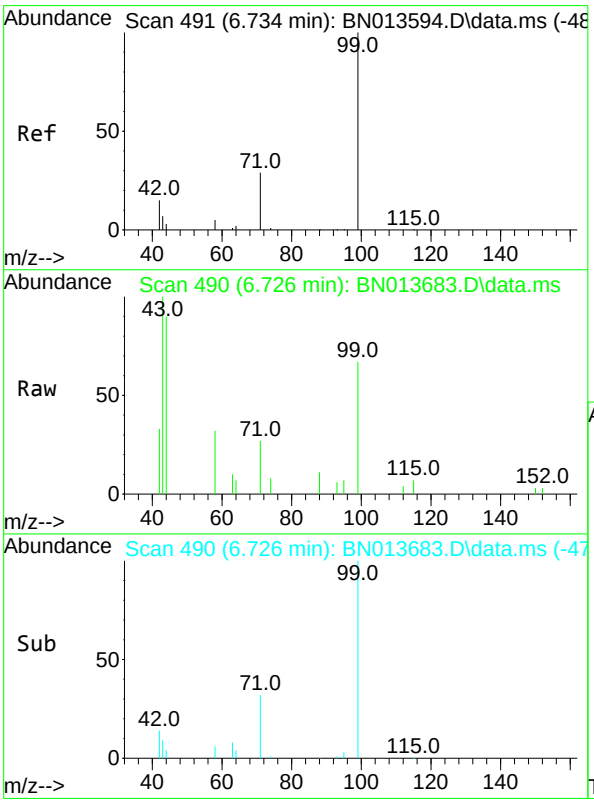


#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.180 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:112 Resp: 2198

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.3	66.5
63	27.7	23.0	34.6

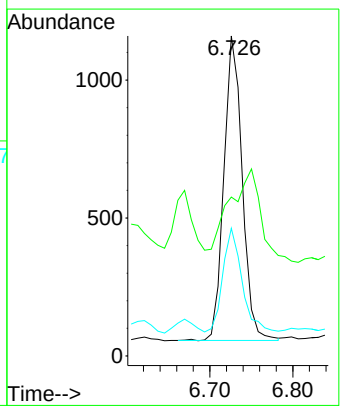


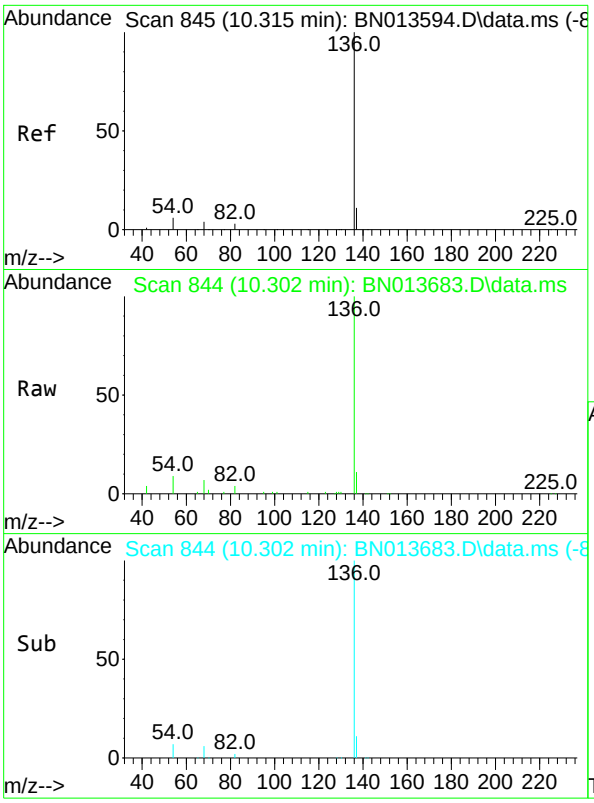


#5
Phenol-d6
Concen: 0.11 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion: 99 Resp: 1694

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	35.8	26.1	39.1

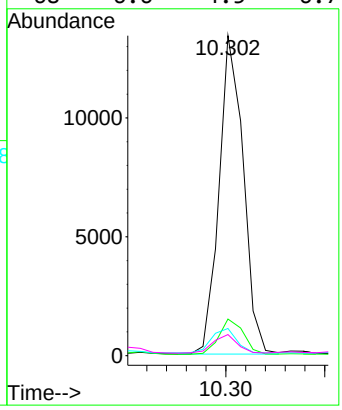




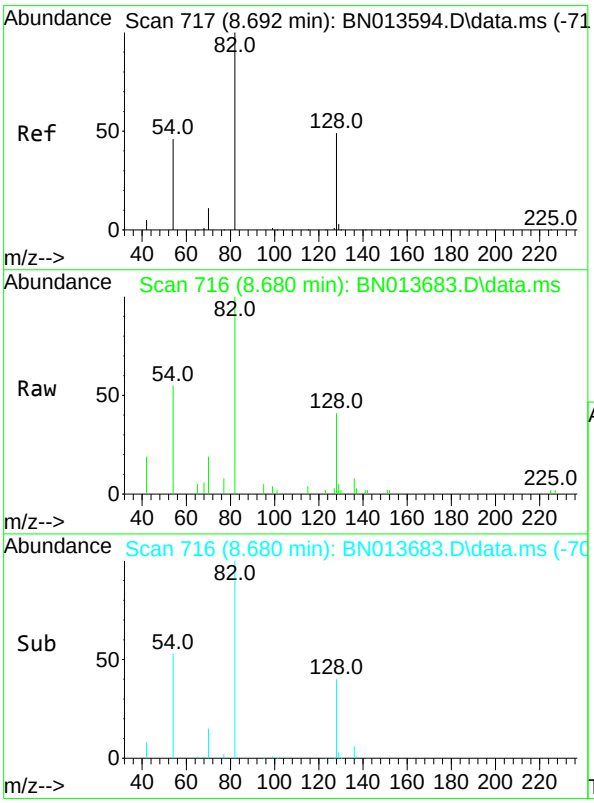
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:136 Resp: 22801

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.5	6.4	9.6
68	6.6	4.5	6.7



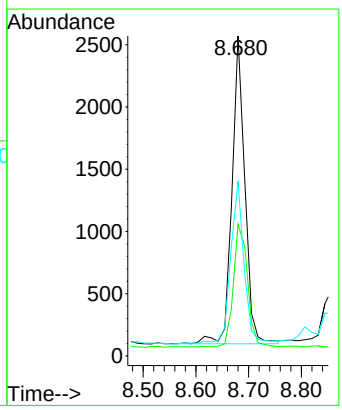
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621

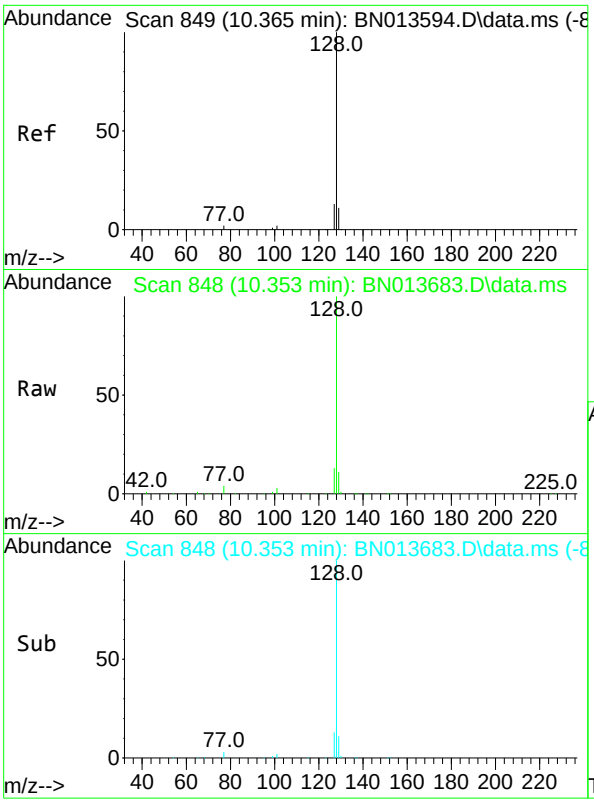


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion: 82 Resp: 4198

Ion	Ratio	Lower	Upper
82	100		
128	41.2	39.2	58.8
54	54.6	40.1	60.1

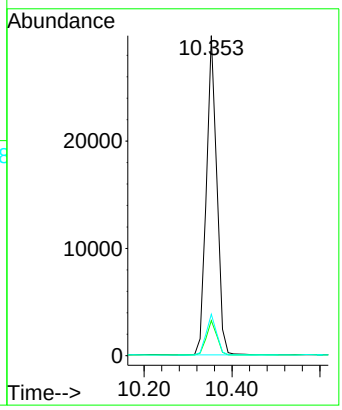




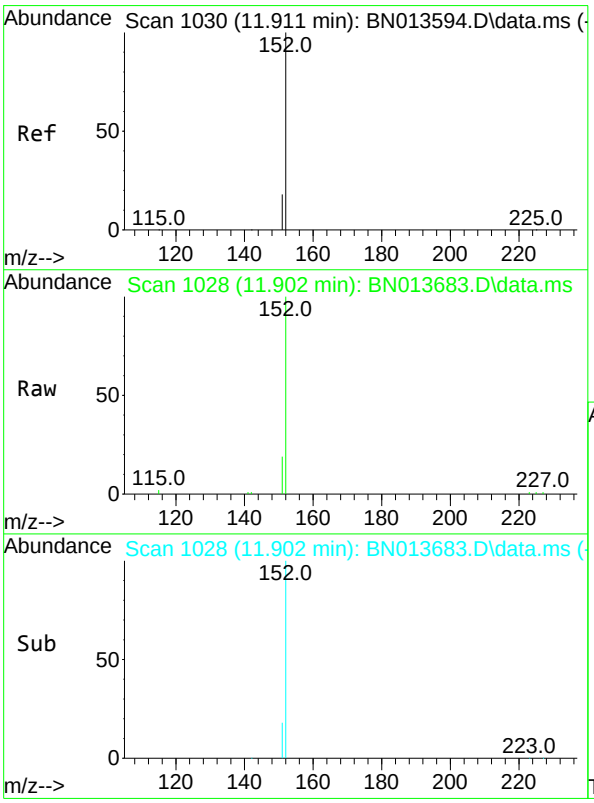
#9
Naphthalene
Concen: 0.87 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:128 Resp: 48929

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	12.9	10.4	15.6



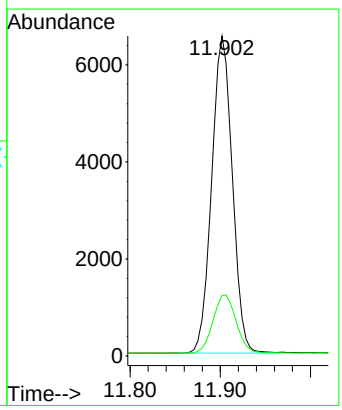
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621



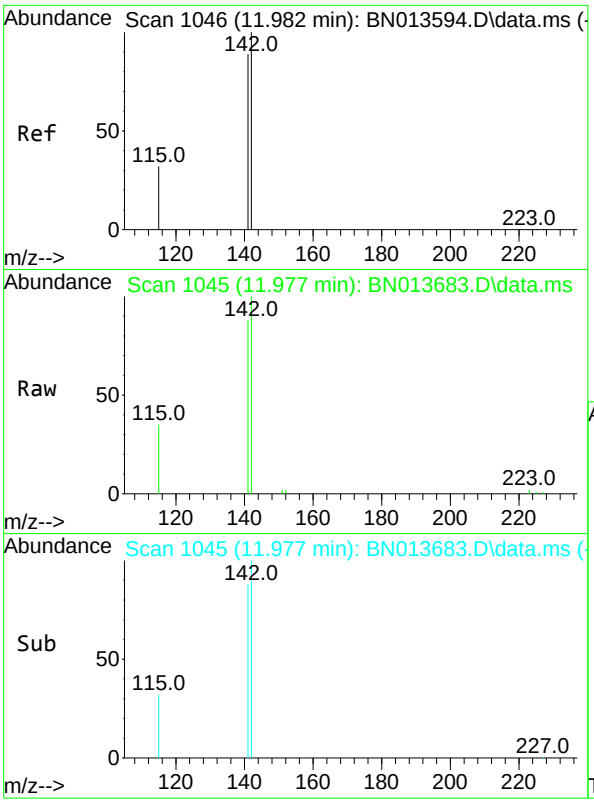
#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:152 Resp: 10422

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2



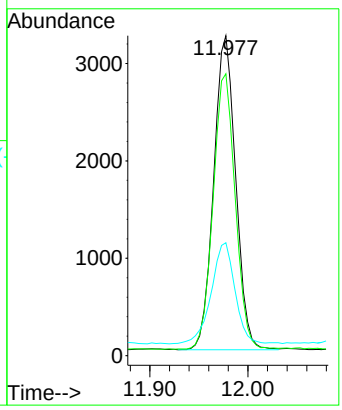
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621

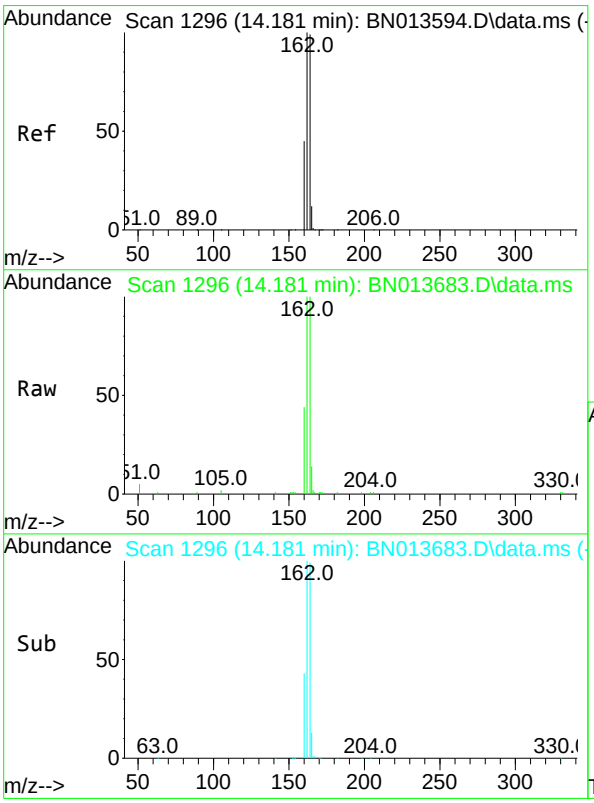


#12
2-Methylnaphthalene
Concen: 0.13 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:142 Resp: 5024

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7
115	35.3	27.4	41.0

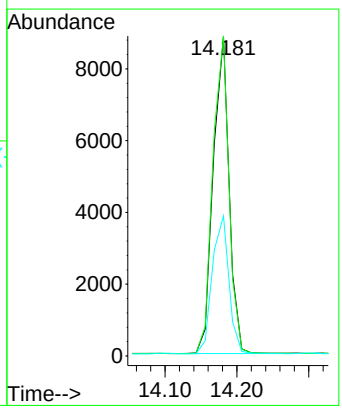




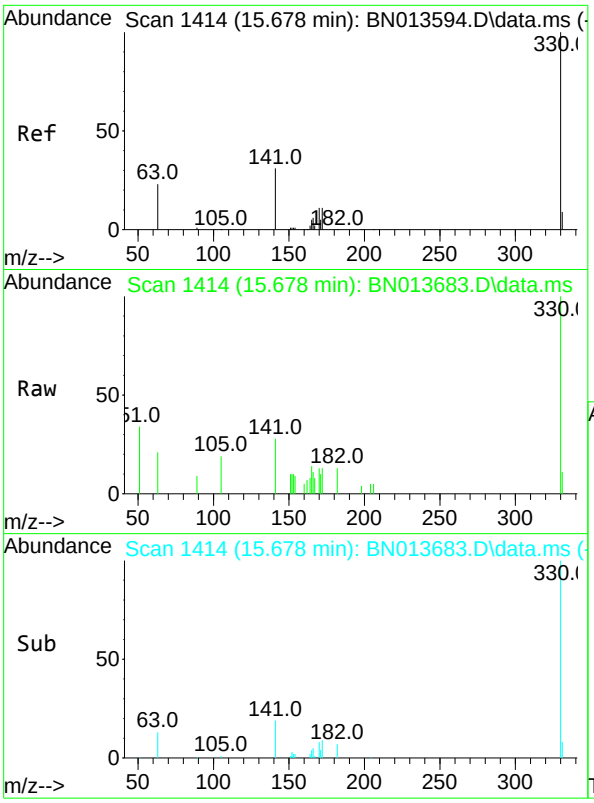
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:164 Resp: 13576

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.6	119.4
160	43.8	36.0	54.0



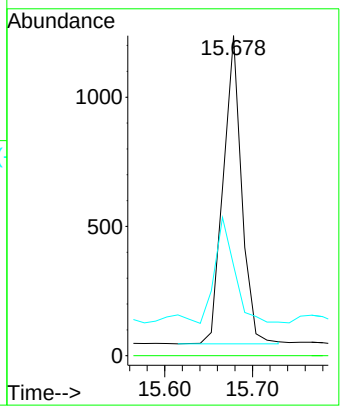
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621

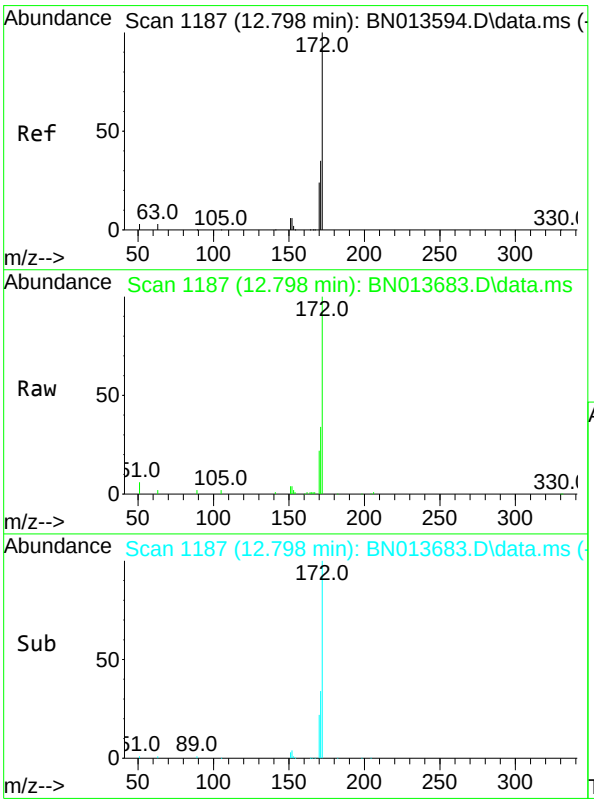


#14
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:330 Resp: 1733

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	26.8	40.2

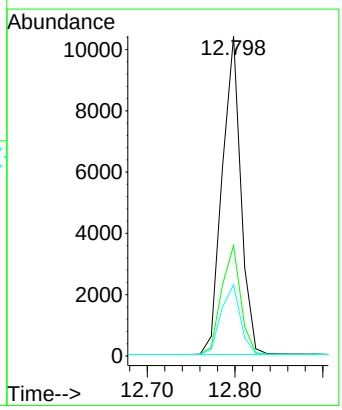




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:172 Resp: 15354

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	42.8
170	22.2	18.9	28.3



Instrument :
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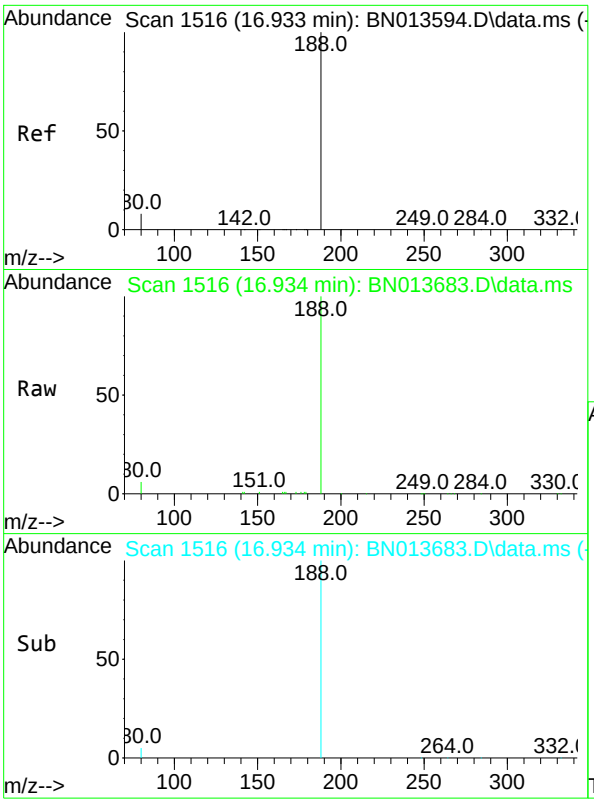
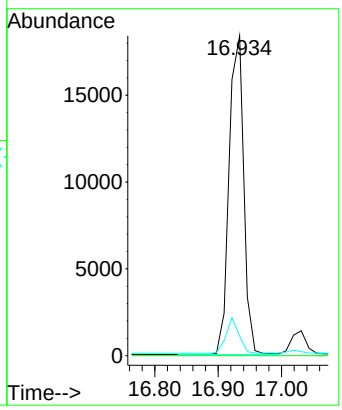
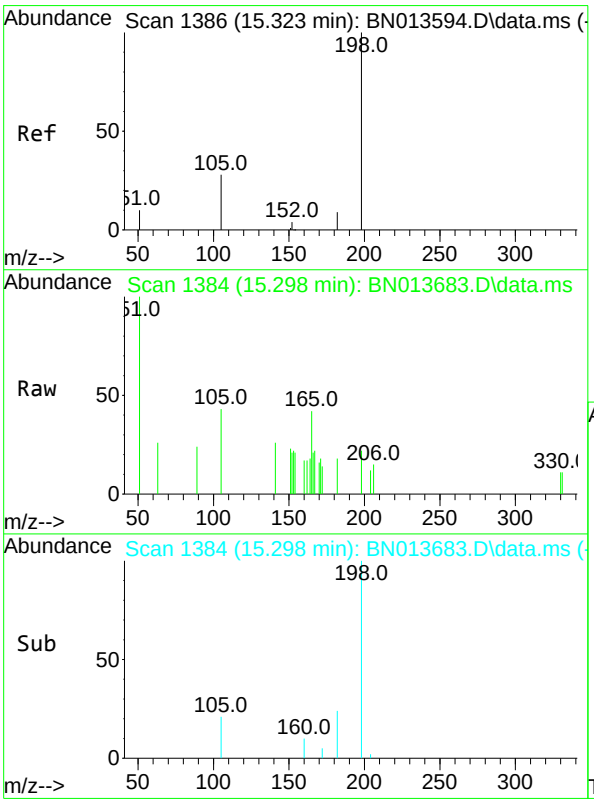


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:188 Resp: 29525

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	9.0	13.6#

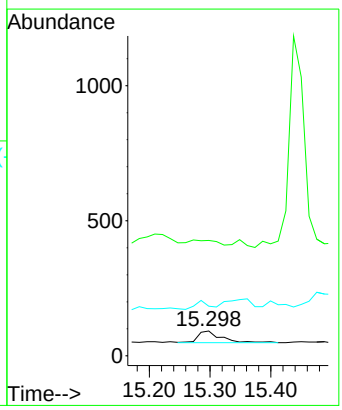




#20
4,6-Dinitro-2-methylphenol
Concen: 0.18 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.025 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:198 Resp: 112

Ion	Ratio	Lower	Upper
198	100		
51	464.1	61.7	92.5#
105	200.0	33.0	49.6#



Instrument :
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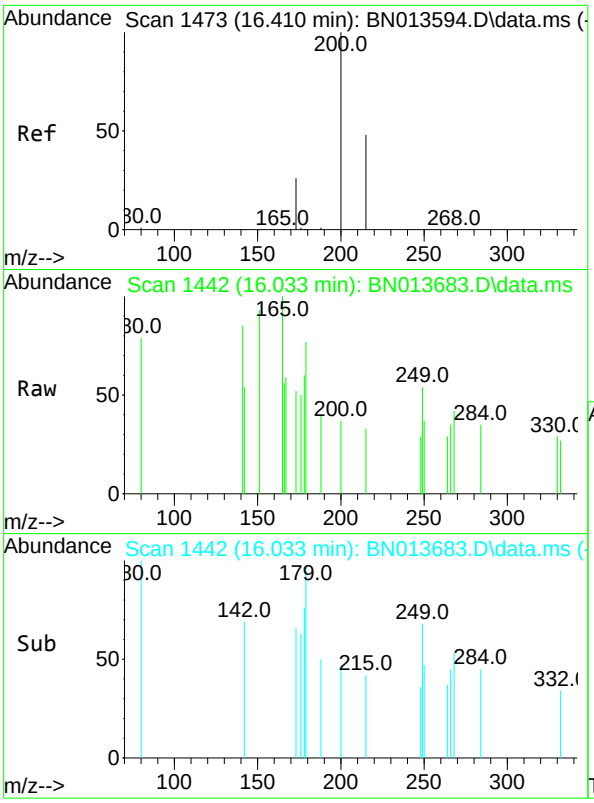
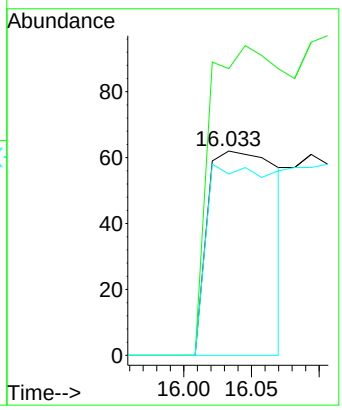
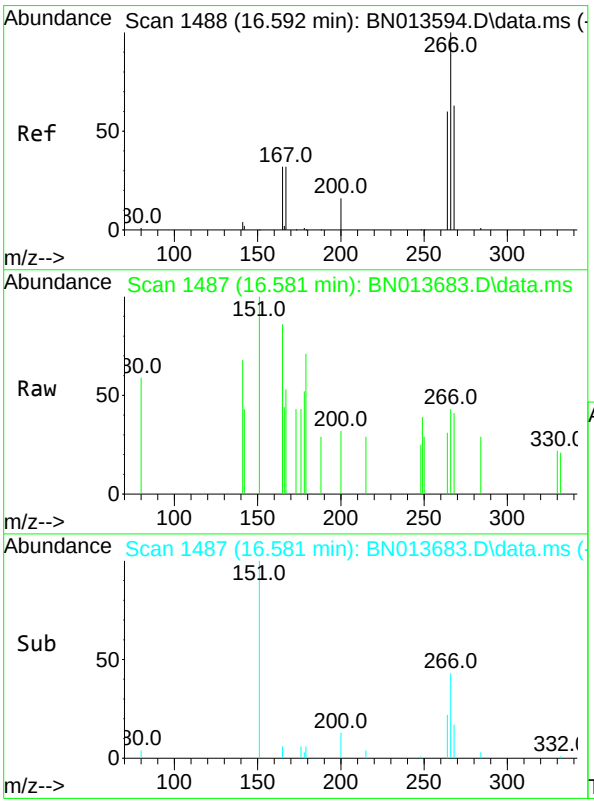


#23
Atrazine
Concen: 0.02 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.377 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:200 Resp: 221

Ion	Ratio	Lower	Upper
200	100		
173	140.3	18.6	28.0#
215	88.7	41.0	61.6#

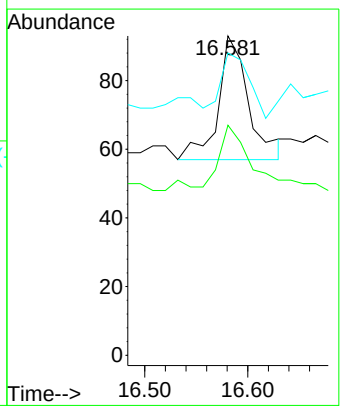




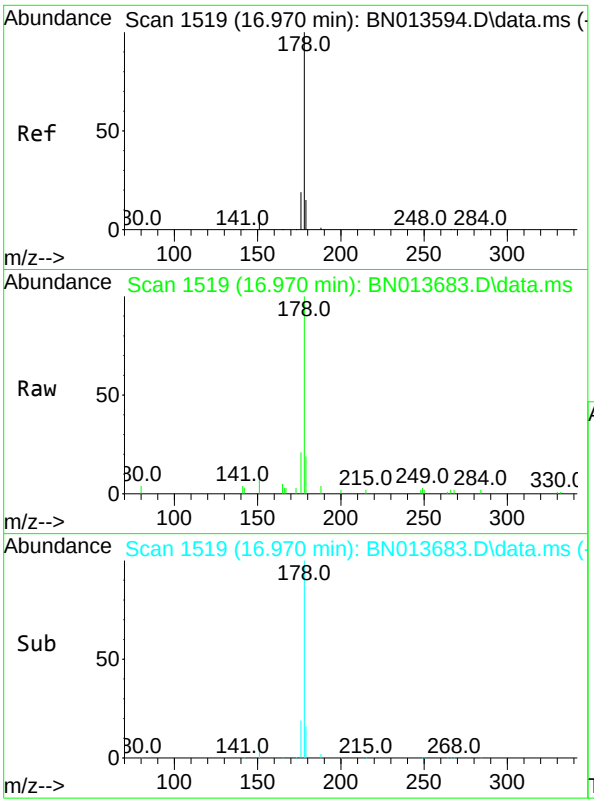
#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.581 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:266 Resp: 74

Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.6	77.4
268	50.0	54.6	82.0#



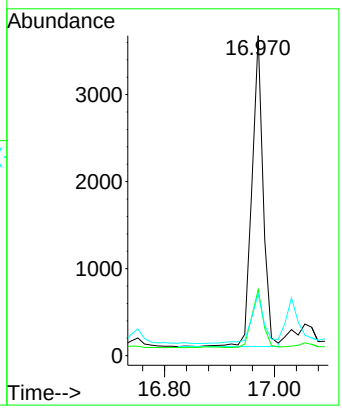
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621

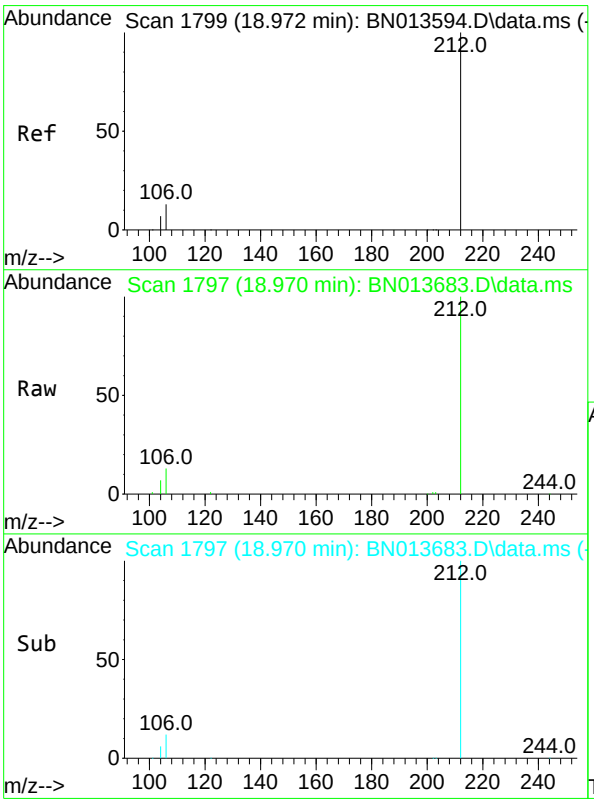


#25
Phenanthrene
Concen: 0.06 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:178 Resp: 5057

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	17.6	12.3	18.5

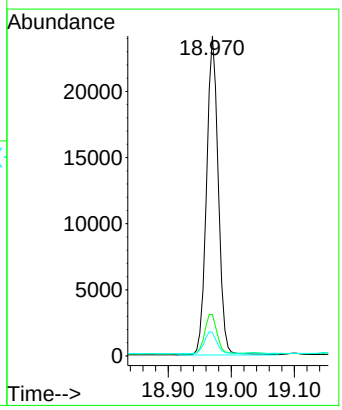




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.970 min Scan# 1797
Delta R.T. -0.002 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:212 Resp: 31067

Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.7	14.5
104	7.4	5.5	8.3



Instrument :
BNA_N
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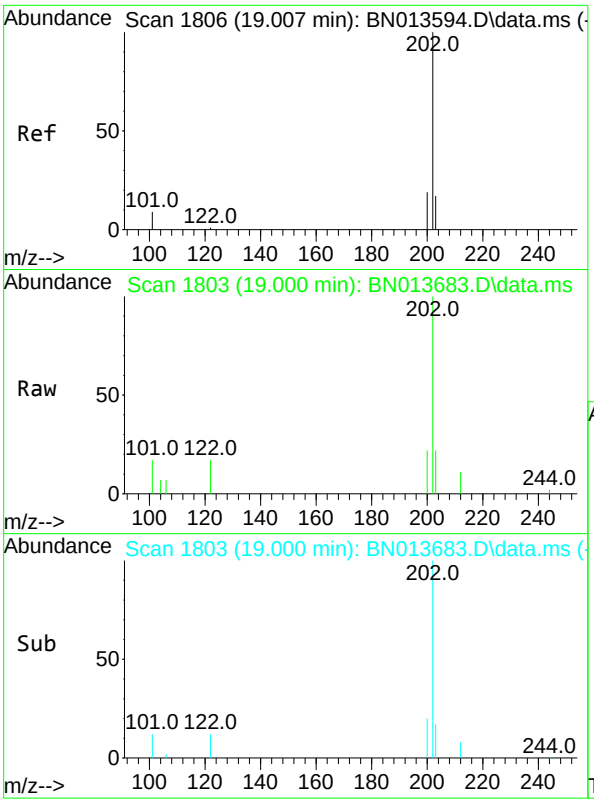
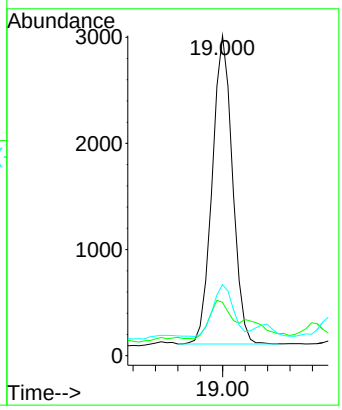
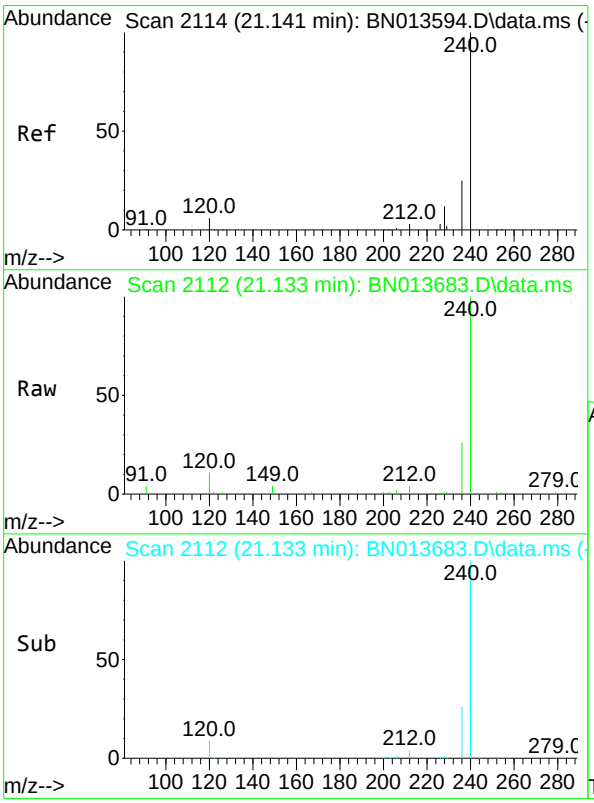


#28
Fluoranthene
Concen: 0.04 ng
RT: 19.000 min Scan# 1803
Delta R.T. -0.002 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:202 Resp: 3638

Ion	Ratio	Lower	Upper
202	100		
101	13.7	8.1	12.1#
203	16.8	13.9	20.9

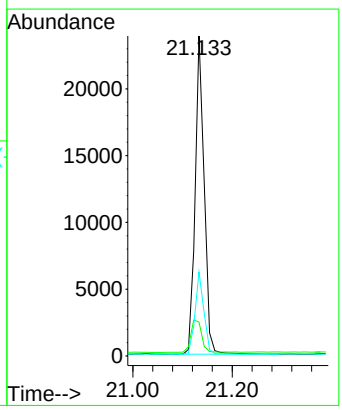




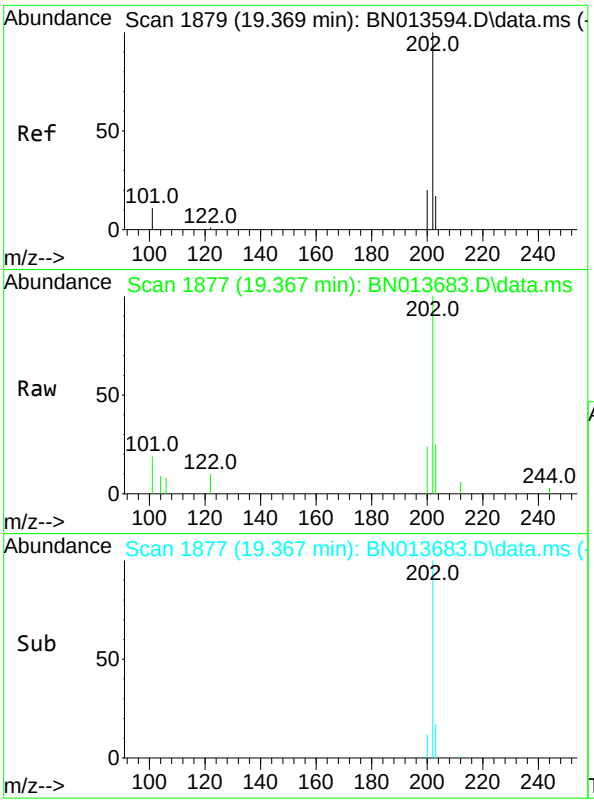
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. 0.003 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:240 Resp: 30095

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.2	15.4
236	26.3	21.3	31.9



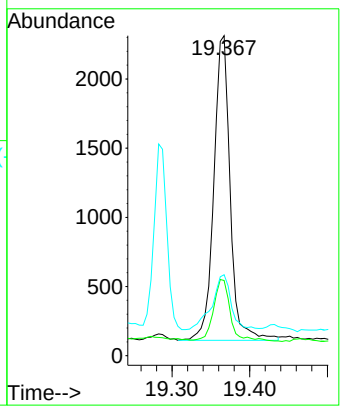
Instrument :
BNA_N
ClientSampleId :
GWBR3-95-113-021621

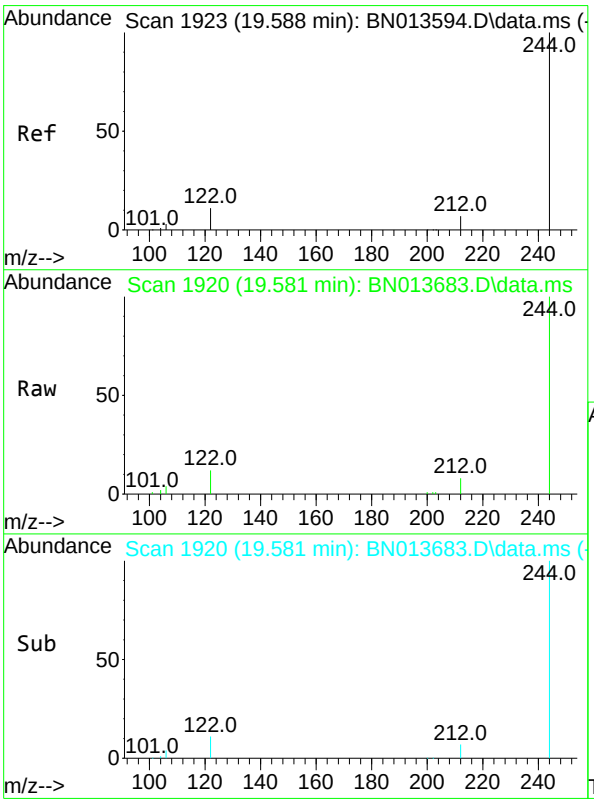


#30
Pyrene
Concen: 0.04 ng
RT: 19.367 min Scan# 1877
Delta R.T. 0.003 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:202 Resp: 3212

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.3	24.5
203	21.8	14.0	21.0#

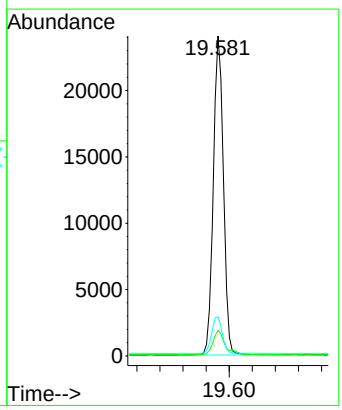




#31
Terphenyl-d14
Concen: 0.44 ng
RT: 19.581 min Scan# 1920
Delta R.T. -0.002 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:244 Resp: 29147

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.2	9.8	14.8



Instrument :
BNA_N
ClientSampleId :
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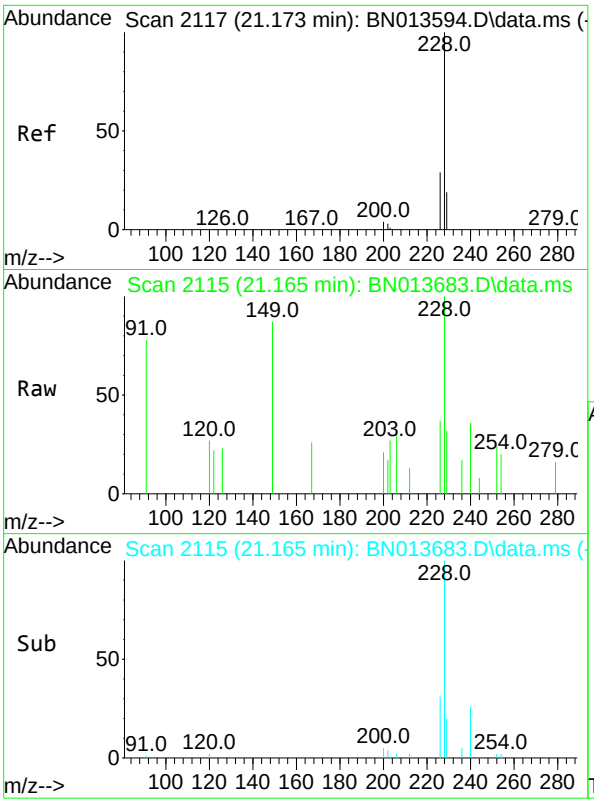
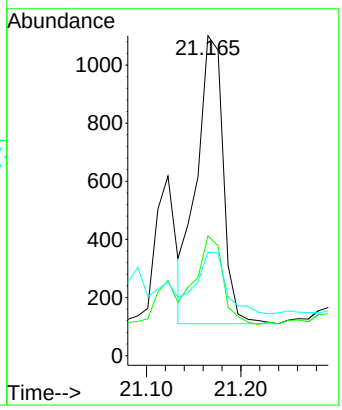
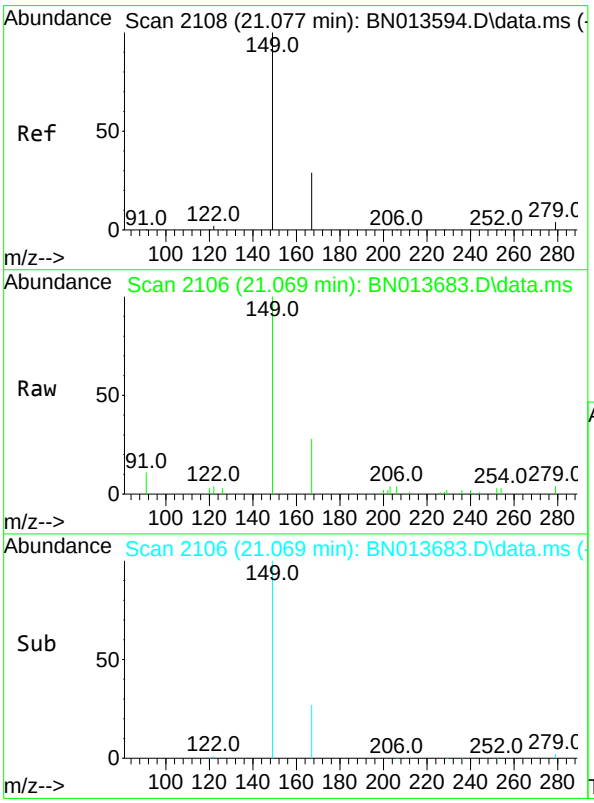


#33
Chrysene
Concen: 0.02 ng
RT: 21.165 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:228 Resp: 1939

Ion	Ratio	Lower	Upper
228	100		
226	37.4	24.3	36.5#
229	32.3	15.1	22.7#

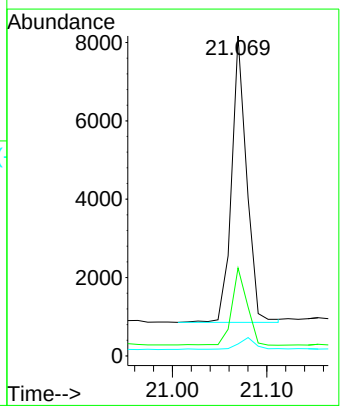




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.003 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:149 Resp: 8087

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.1	33.1
279	4.6	3.5	5.3



Instrument :
BNA_N
ClientSampleId :
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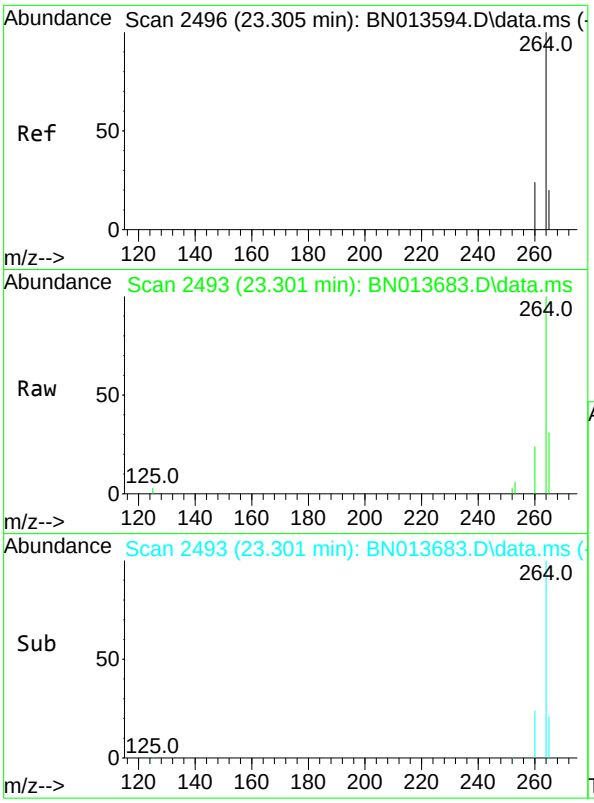
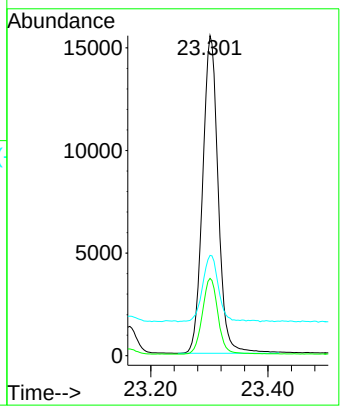
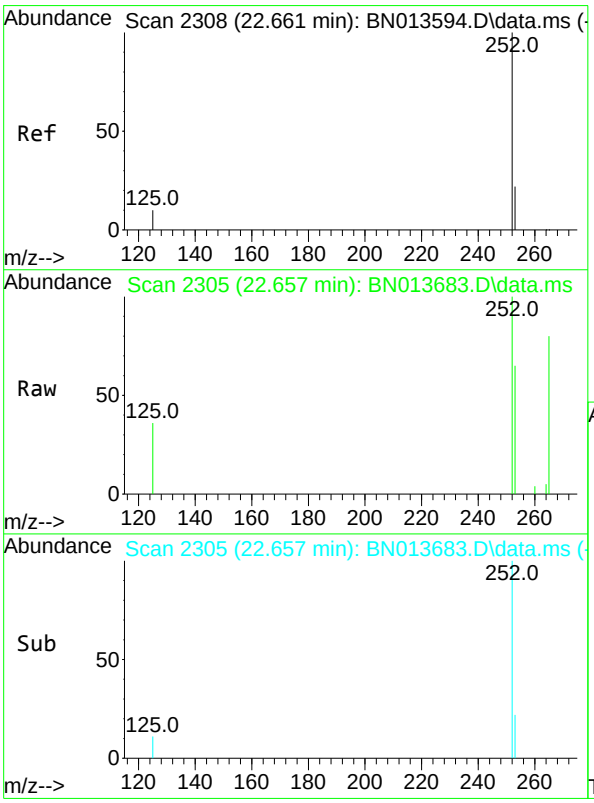


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.301 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:264 Resp: 28545

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	31.4	66.2	99.4#

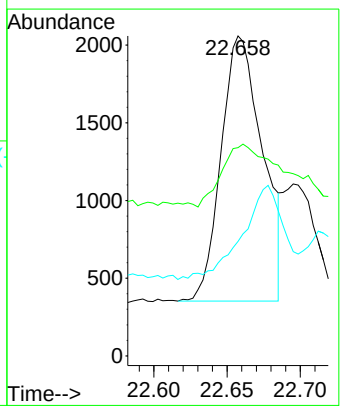


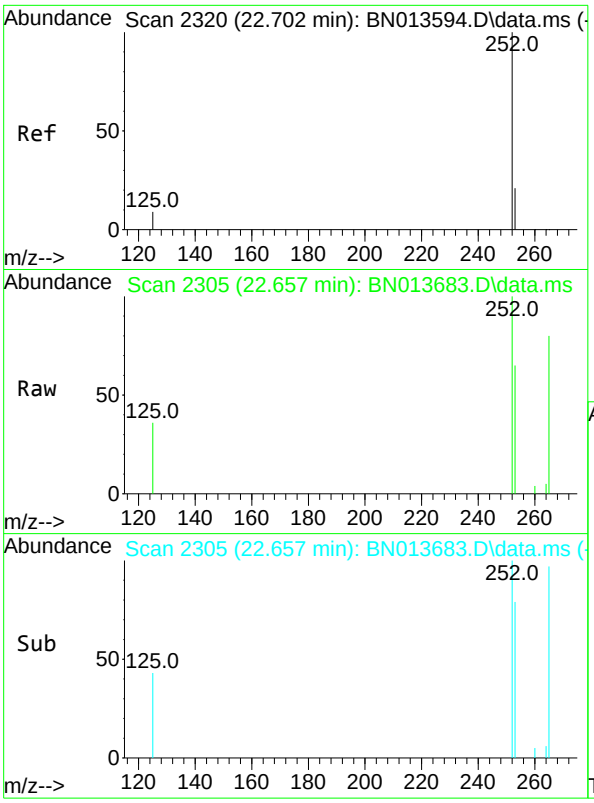


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.001 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:252 Resp: 3359

Ion	Ratio	Lower	Upper
252	100		
253	65.1	20.4	30.6#
125	35.8	11.6	17.4#

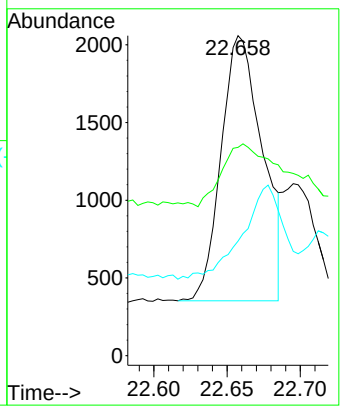




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.042 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:252 Resp: 3359

Ion	Ratio	Lower	Upper
252	100		
253	65.1	20.5	30.7#
125	35.8	12.3	18.5#



Instrument :
BNA_N
ClientSampleId :
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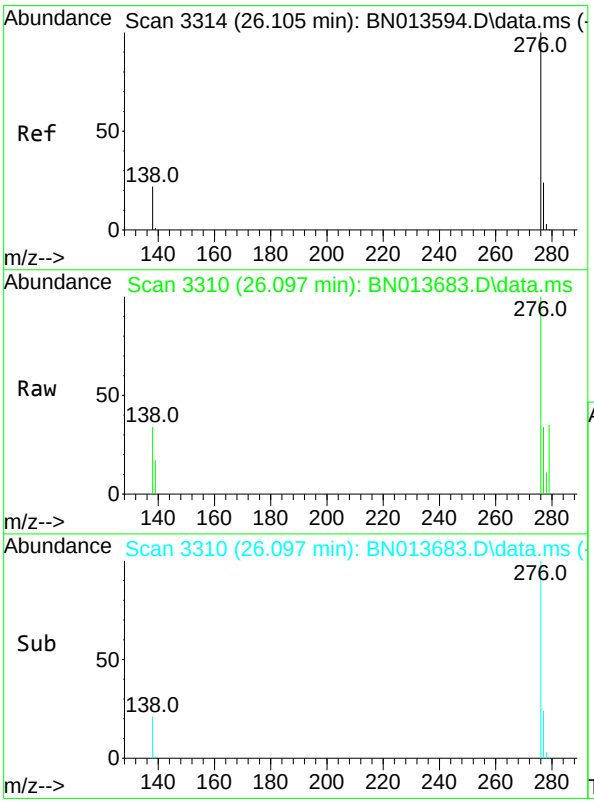

#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.097 min Scan# 3310
Delta R.T. -0.001 min
Lab File: BN013683.D
Acq: 19 Feb 2021 14:56

Tgt Ion:276 Resp: 2180

Ion	Ratio	Lower	Upper
276	100		
277	33.9	20.0	30.0#
138	33.9	17.8	26.8#