Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012437.D
Acq On : 29 Oct 2020 14:32
Operator : CG/JU
Sample : L4511-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : OB-7

Quant Time: Oct 30 09:02:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.586	152	560	0.40	ng	#	0.00
7) Naphthalene-d8	10.351	136	2356	0.40	ng	#	0.00
13) Acenaphthene-d10	14.217	164	1430	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	2929	0.40	ng	#	0.00
29) Chrysene-d12	21.173	240	3426	0.40	ng	#	0.00
36) Perylene-d12	23.347	264	4202	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	176	0.09	ng		0.00
5) Phenol-d6	6.765	99	119	0.05	ng		0.00
8) Nitrobenzene-d5	8.742	82	801	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.953	152	984	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	355	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.834	172	1890	0.36	ng		-0.01
27) Fluoranthene-d10	19.007	212	3042	0.34	ng		0.00
31) Terphenyl-d14	19.618	244	3828	0.48	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.402	128	232	0.04	ng	#	22
12) 2-Methylnaphthalene	12.024	142	153	0.04	ng	#	68
16) Acenaphthylene	13.938	152	316	0.04	ng		96
17) Acenaphthene	14.281	154	233	0.05	ng		93
18) Fluorene	15.270	166	333	0.06	ng	#	90
21) 4-Bromophenyl-phenylether	16.165	248	103	0.06	ng	#	68
22) Hexachlorobenzene	16.274	284	143	0.07	ng	#	79
24) Pentachlorophenol	16.627	266	158	0.16	ng		91
25) Phenanthrene	17.005	178	652	0.08	ng		96
26) Anthracene	17.102	178	570	0.07	ng	#	92
28) Fluoranthene	19.037	202	764	0.08	ng	#	93
30) Pyrene	19.405	202	830	0.07	ng	#	94
32) Benzo(a)anthracene	21.163	228	705	0.07	ng	#	83
33) Chrysene	21.216	228	731	0.06	ng	#	82
34) Bis(2-ethylhexyl)phtha...	21.099	149	1569	0.23	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.510	276	1079	0.06	ng		95
37) Benzo(b)fluoranthene	22.703	252	916	0.07	ng	#	17
38) Benzo(k)fluoranthene	22.744	252	913	0.06	ng	#	21
39) Benzo(a)pyrene	23.254	252	843	0.07	ng	#	7
40) Dibenzo(a,h)anthracene	25.524	278	911	0.06	ng	#	20
41) Benzo(g,h,i)perylene	26.167	276	1019	0.07	ng	#	70

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

Quantitation Report (QT Reviewed)

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Acq On : 29 Oct 2020 14:32
Operator : CG/JU
Sample : L4511-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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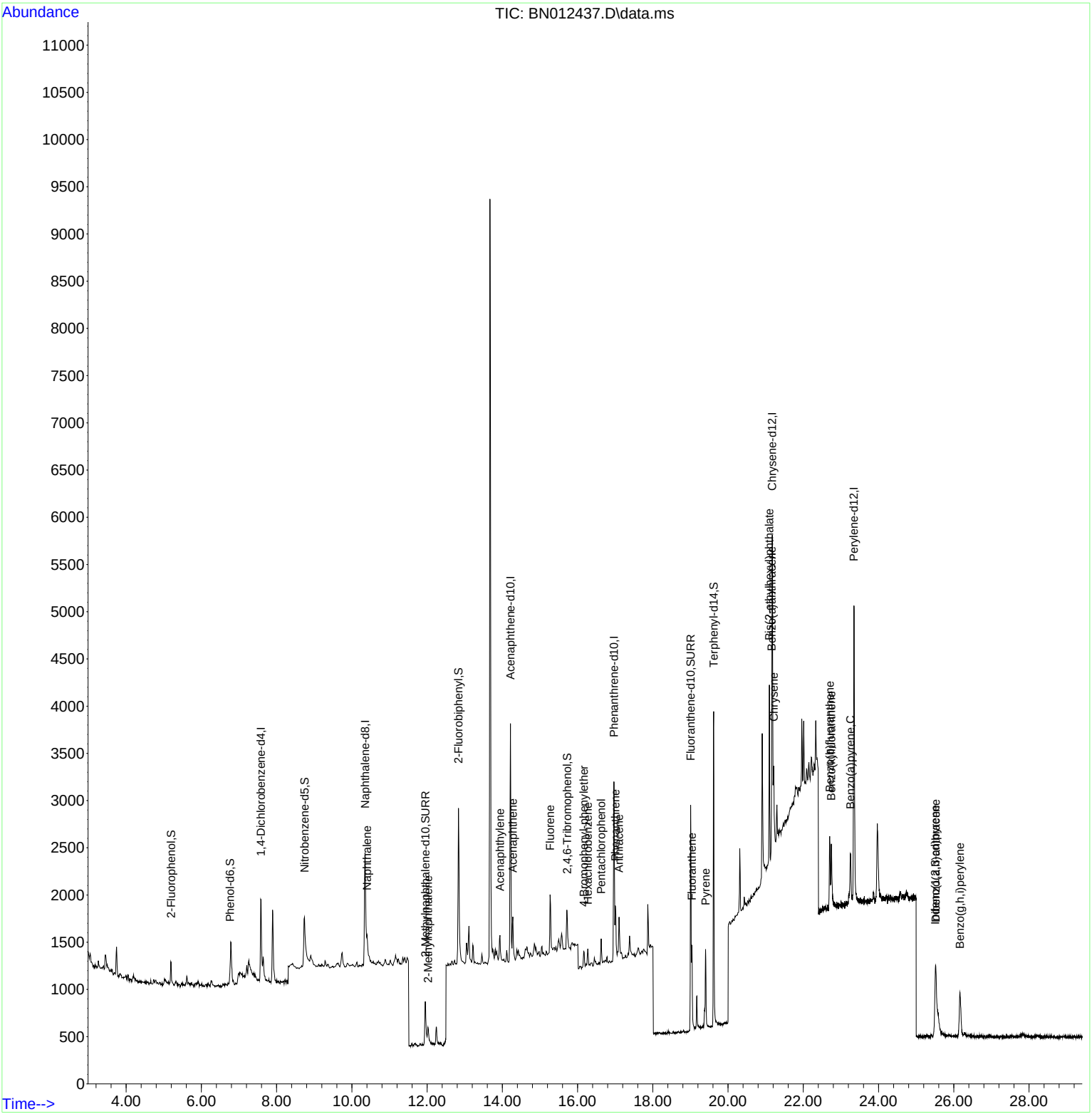
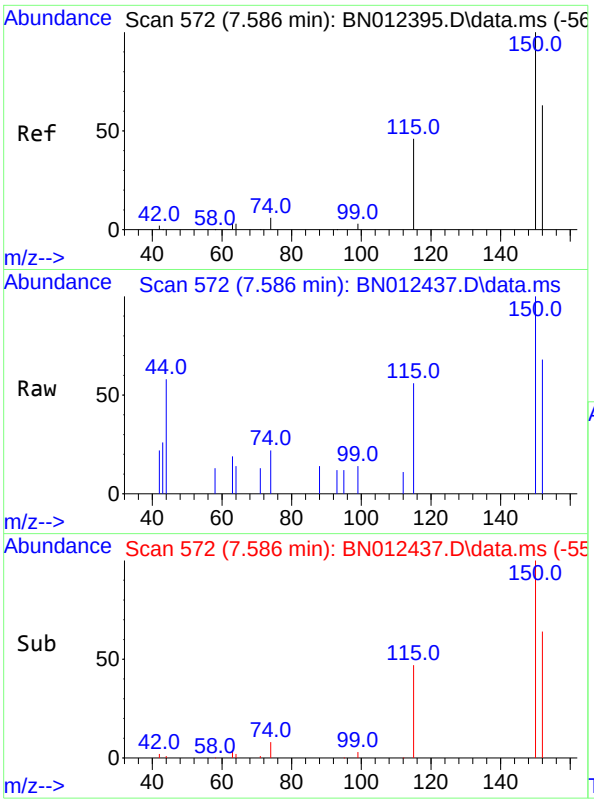
Quant Time: Oct 30 09:02:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration



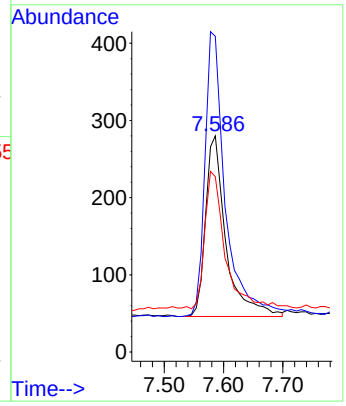
Instrument :
BNA_N
ClientSampleId :
OB-7

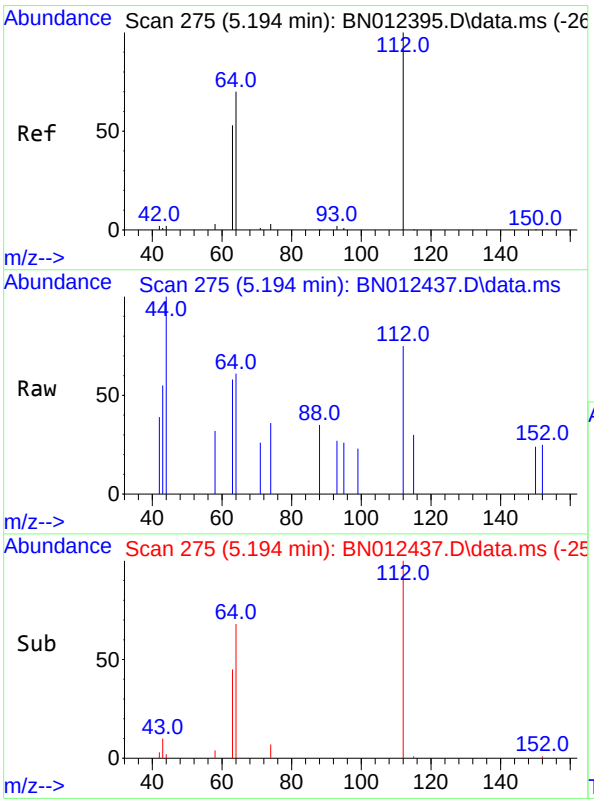


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.586 min Scan# 572
Delta R.T. 0.008 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:152 Resp: 560

Ion	Ratio	Lower	Upper
152	100		
150	146.1	116.6	174.8
115	81.1	52.9	79.3#

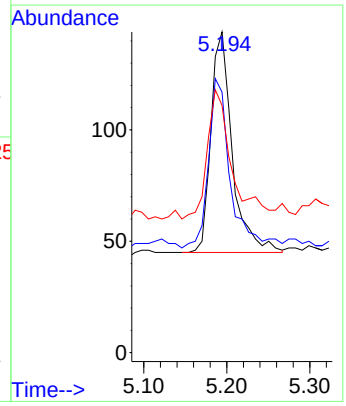




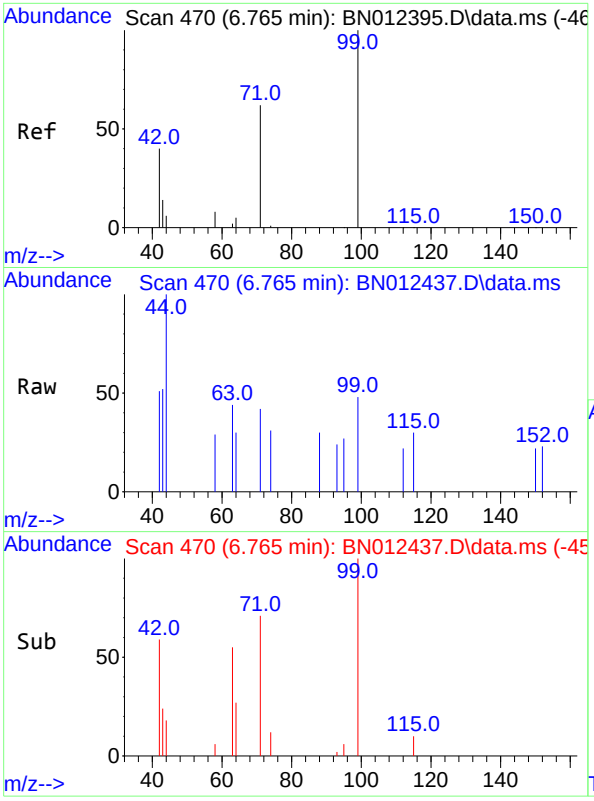
#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.194 min Scan# 275
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:112 Resp: 176

Ion	Ratio	Lower	Upper
112	100		
64	79.0	49.5	74.3#
63	66.5	32.0	48.0#



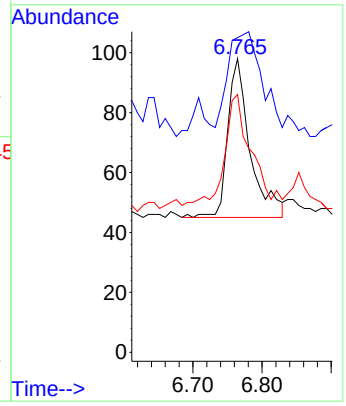
Instrument :
BNA_N
ClientSampleId :
OB-7

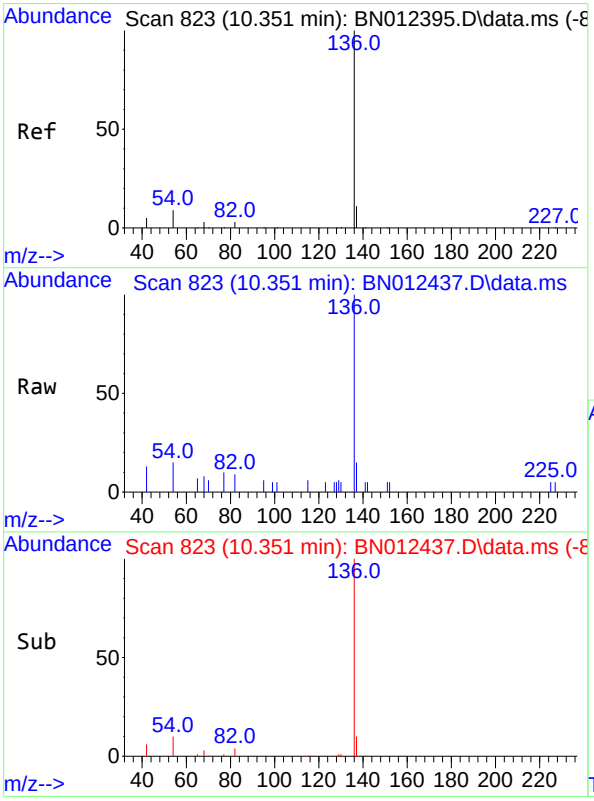


#5
Phenol-d6
Concen: 0.05 ng
RT: 6.765 min Scan# 470
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion: 99 Resp: 119

Ion	Ratio	Lower	Upper
99	100		
42	119.3	22.4	33.6#
71	81.5	37.8	56.6#

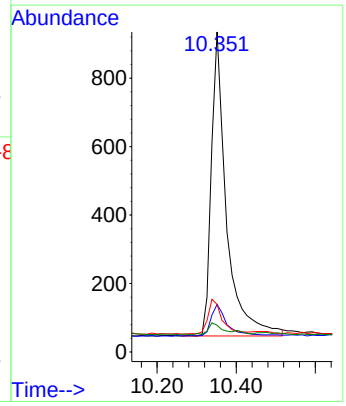




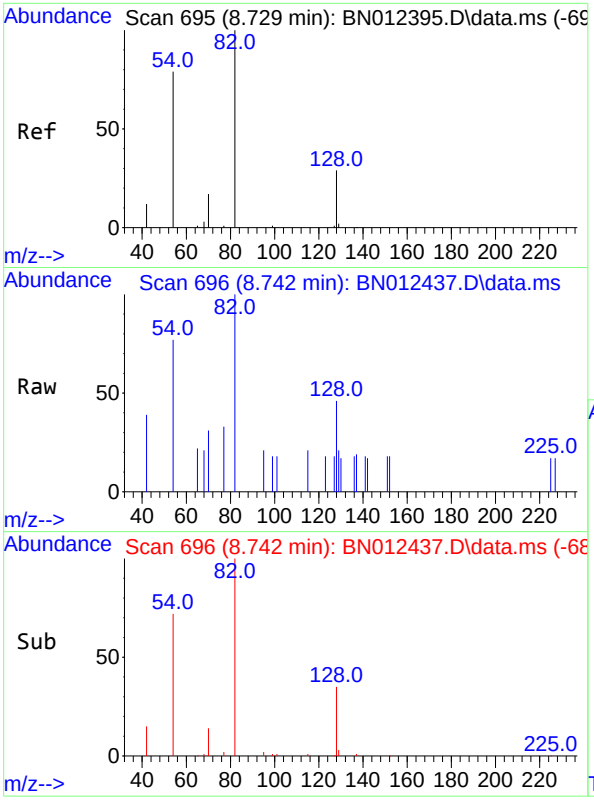
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:136 Resp: 2356

Ion	Ratio	Lower	Upper
136	100		
137	14.9	10.6	15.8
54	14.9	8.6	12.8#
68	8.3	5.7	8.5



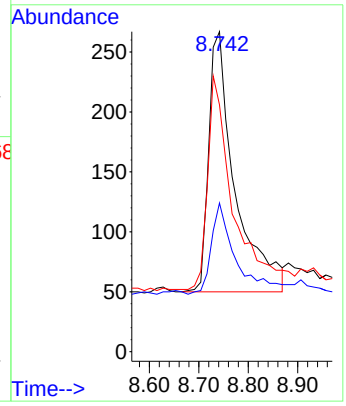
Instrument :
BNA_N
ClientSampleId :
OB-7

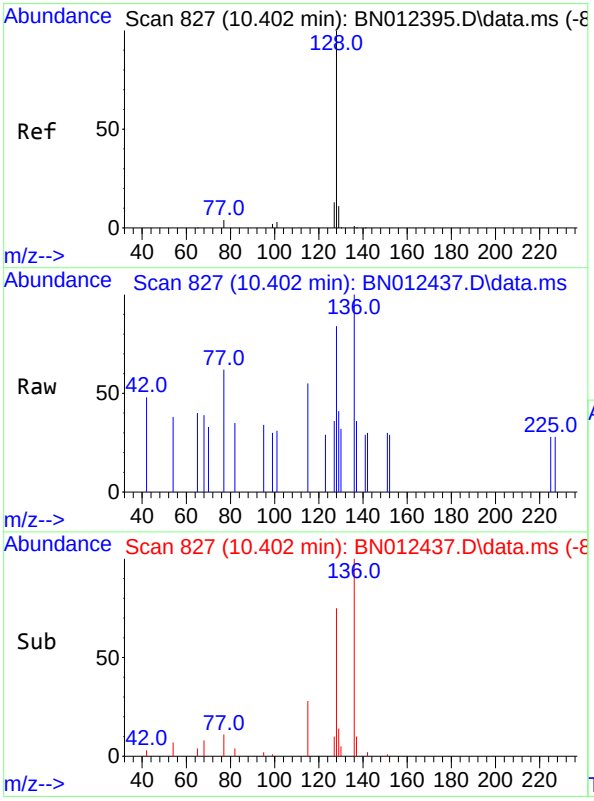


#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion: 82 Resp: 801

Ion	Ratio	Lower	Upper
82	100		
128	46.4	30.6	46.0#
54	77.2	48.3	72.5#

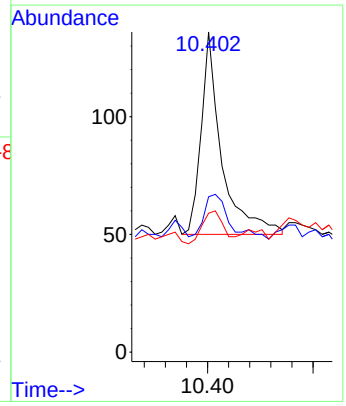




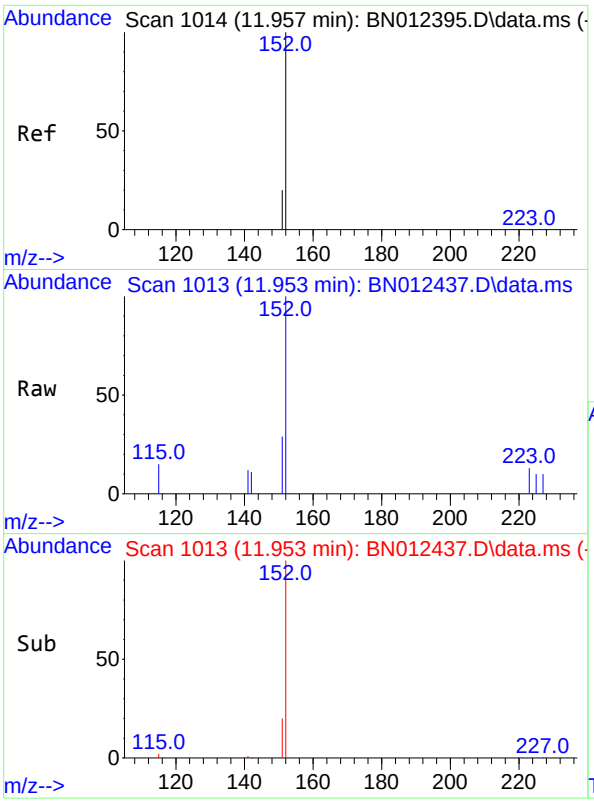
#9
Naphthalene
Concen: 0.04 ng
RT: 10.402 min Scan# 827
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:128 Resp: 232

Ion	Ratio	Lower	Upper
128	100		
129	48.5	9.8	14.8#
127	43.4	12.2	18.4#



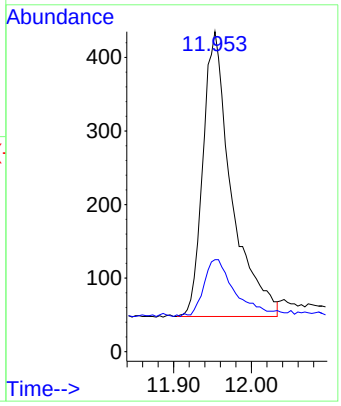
Instrument :
BNA_N
ClientSampleId :
OB-7

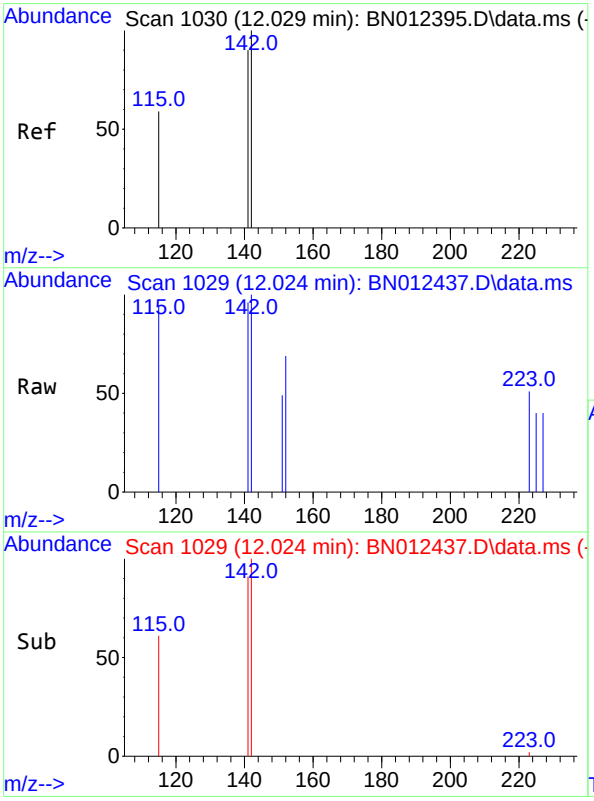


#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 11.953 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:152 Resp: 984

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.7	25.1

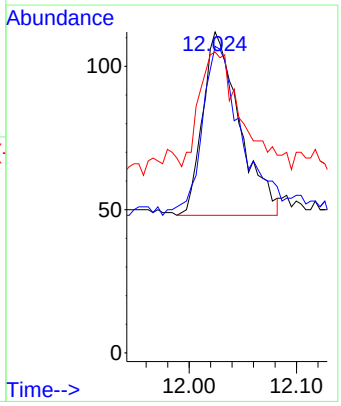




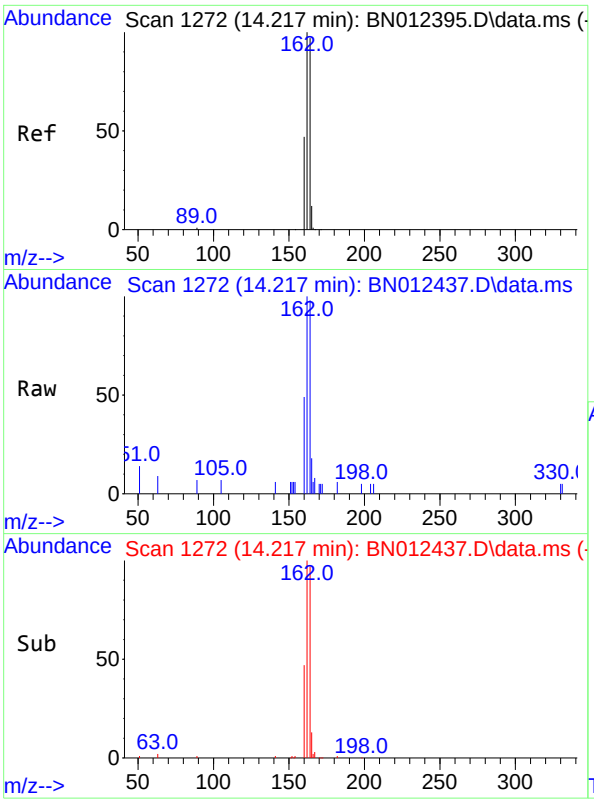
#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.024 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:142 Resp: 153

Ion	Ratio	Lower	Upper
142	100		
141	95.5	69.4	104.2
115	93.8	35.7	53.5#



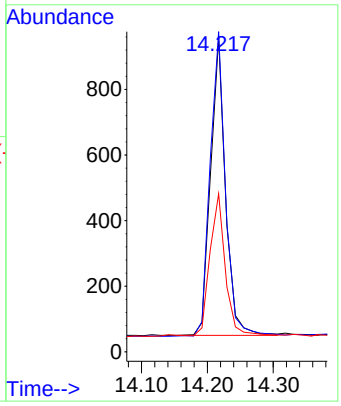
Instrument :
BNA_N
ClientSampleId :
OB-7

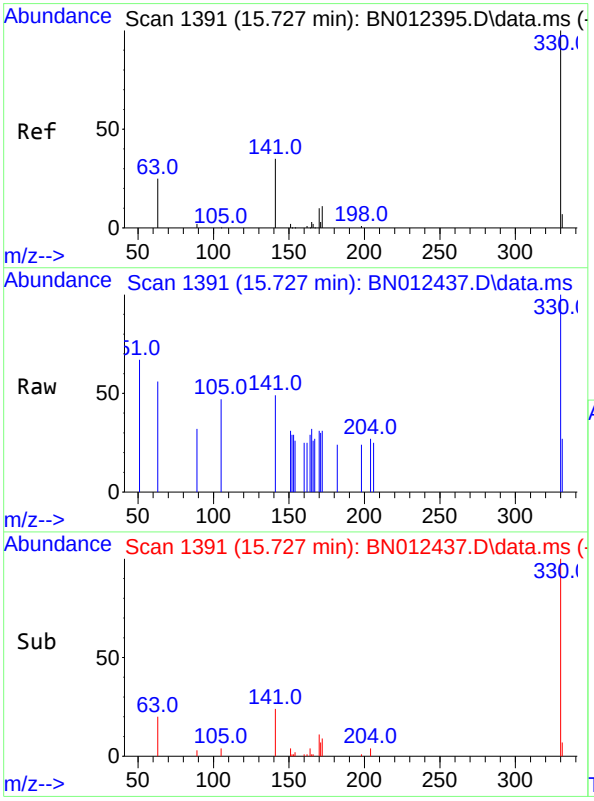


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:164 Resp: 1430

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	50.4	39.5	59.3

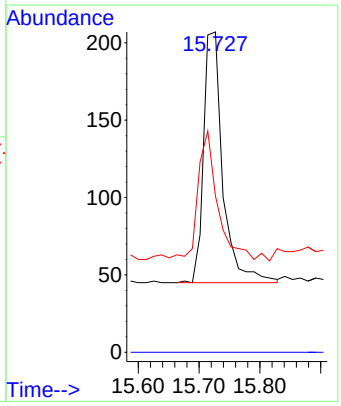




#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.727 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:330 Resp: 355

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.3	34.4	51.6



Instrument :
BNA_N
ClientSampleId :
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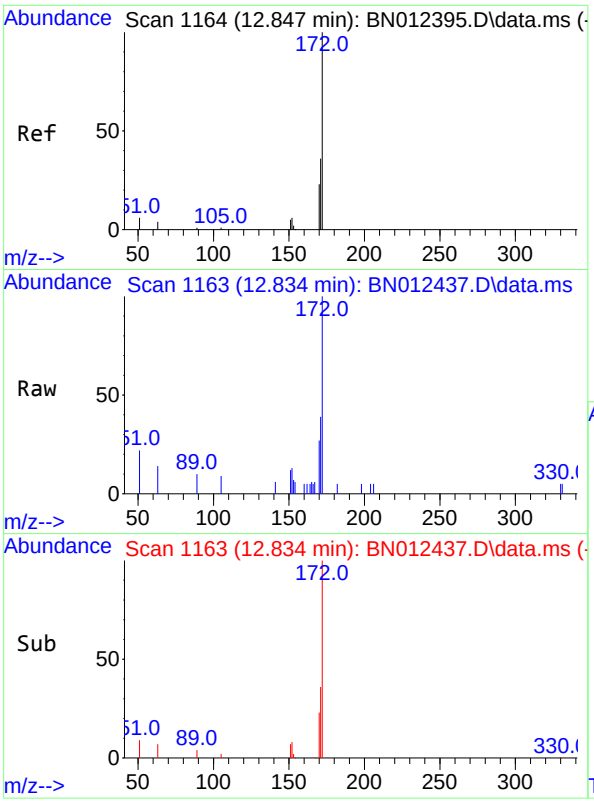
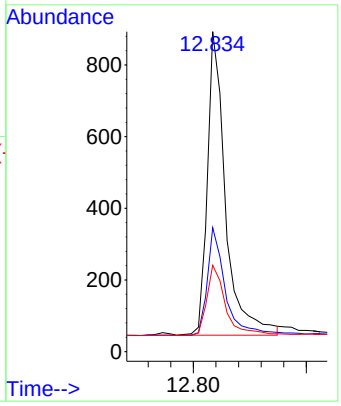
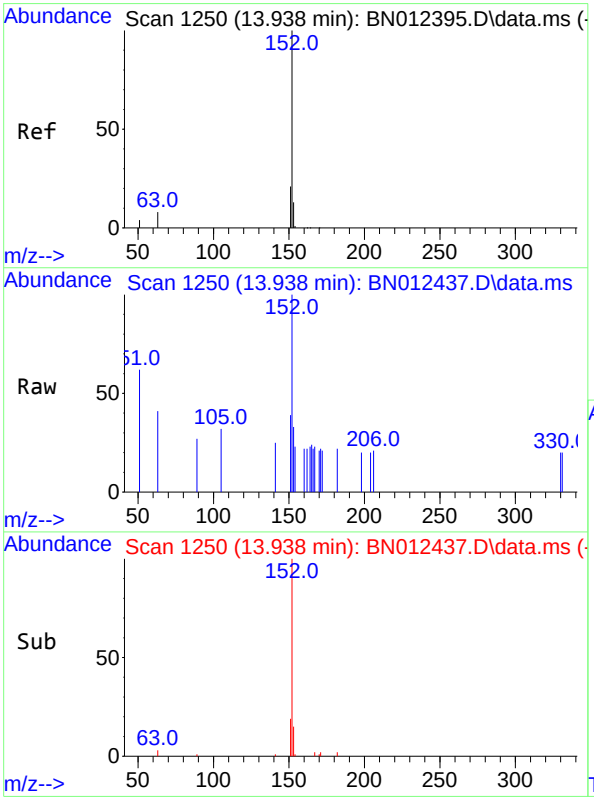


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.834 min Scan# 1163
Delta R.T. -0.013 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:172 Resp: 1890

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.2	42.4
170	27.0	20.0	30.0

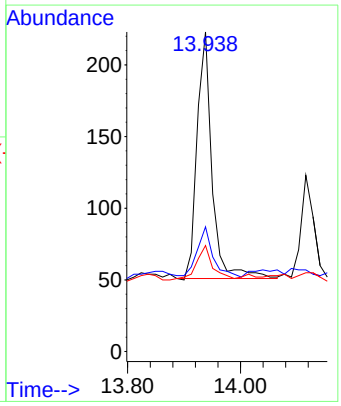




#16
Acenaphthylene
Concen: 0.04 ng
RT: 13.938 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:152 Resp: 316

Ion	Ratio	Lower	Upper
152	100		
151	21.2	15.8	23.8
153	15.2	10.6	16.0



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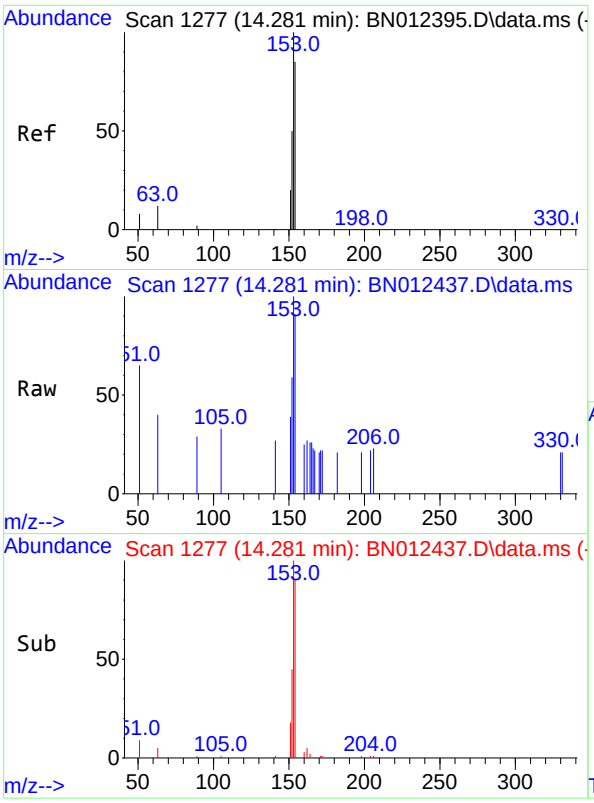
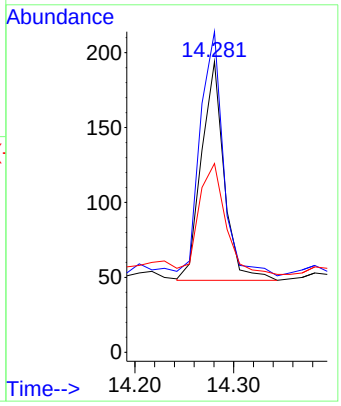
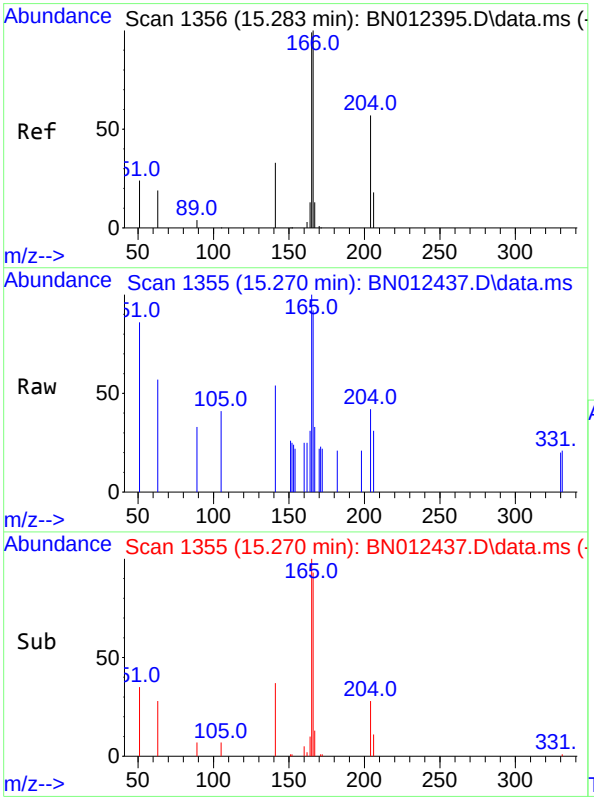


#17
Acenaphthene
Concen: 0.05 ng
RT: 14.281 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:154 Resp: 233

Ion	Ratio	Lower	Upper
154	100		
153	112.9	83.6	125.4
152	59.2	43.9	65.9

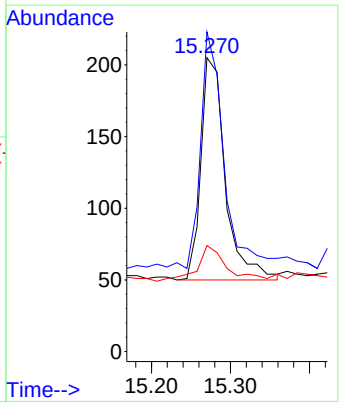




#18
Fluorene
Concen: 0.06 ng
RT: 15.270 min Scan# 1355
Delta R.T. -0.013 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:166 Resp: 333

Ion	Ratio	Lower	Upper
166	100		
165	107.5	78.6	118.0
167	19.5	10.7	16.1#



Instrument :
BNA_N
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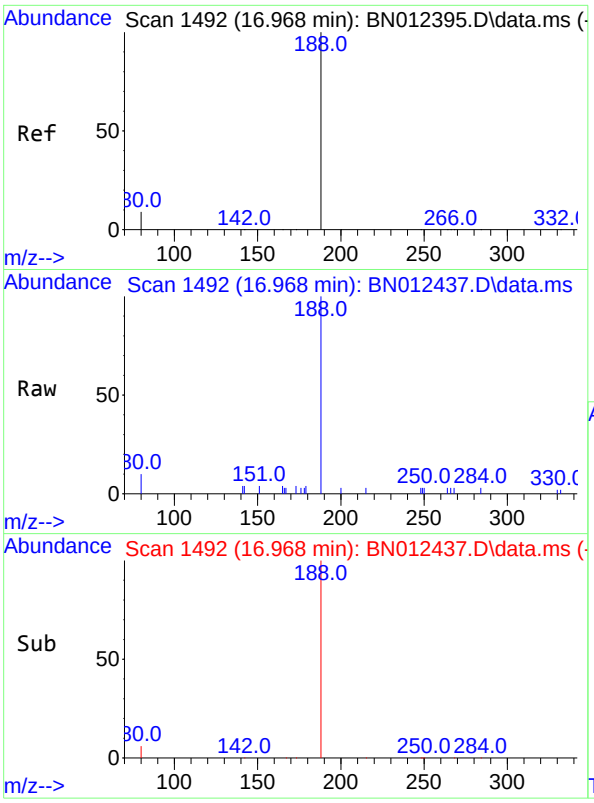
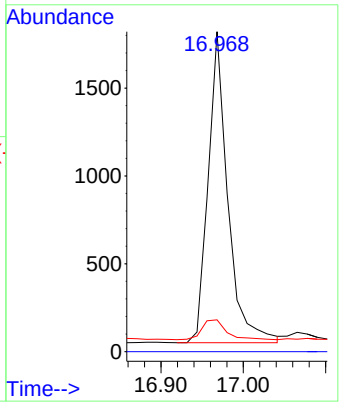
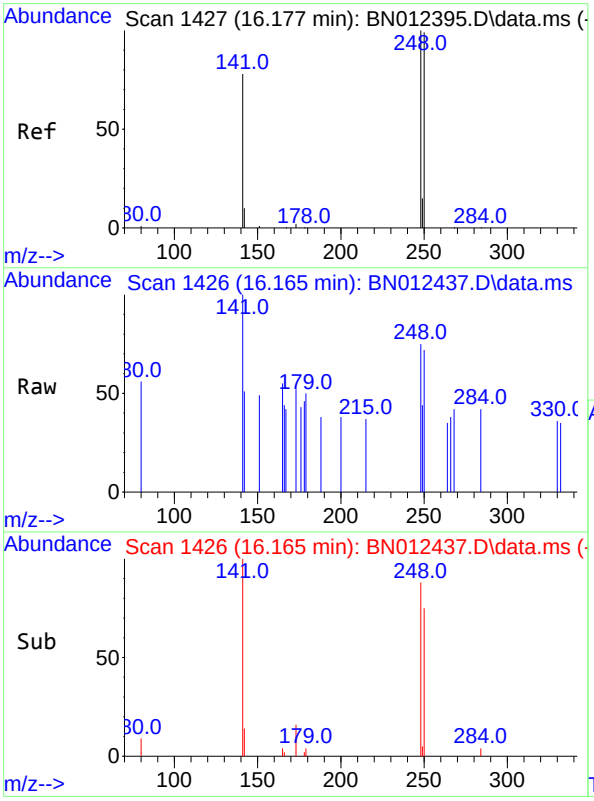


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:188 Resp: 2929

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	5.0	7.4#

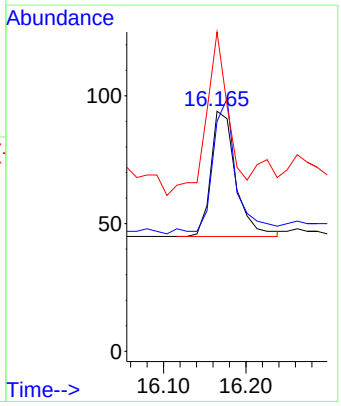




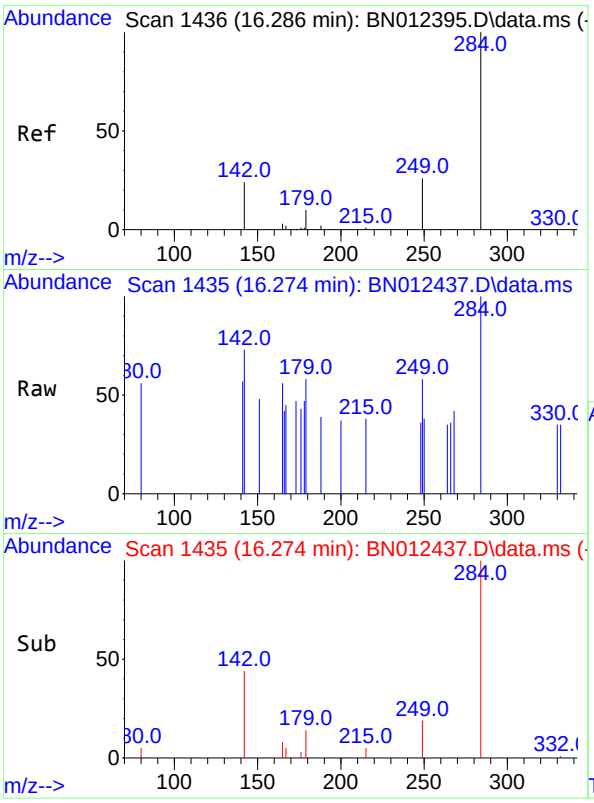
#21
4-Bromophenyl-phenylether
Concen: 0.06 ng
RT: 16.165 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:248 Resp: 103

Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.3	115.9
141	133.0	57.8	86.8#



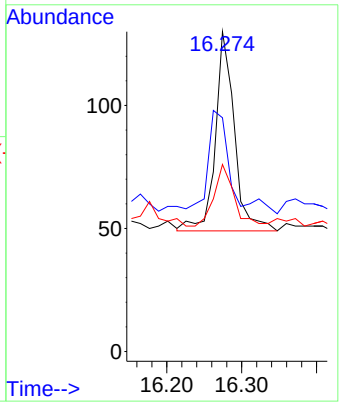
Instrument :
BNA_N
ClientSampleId :
OB-7

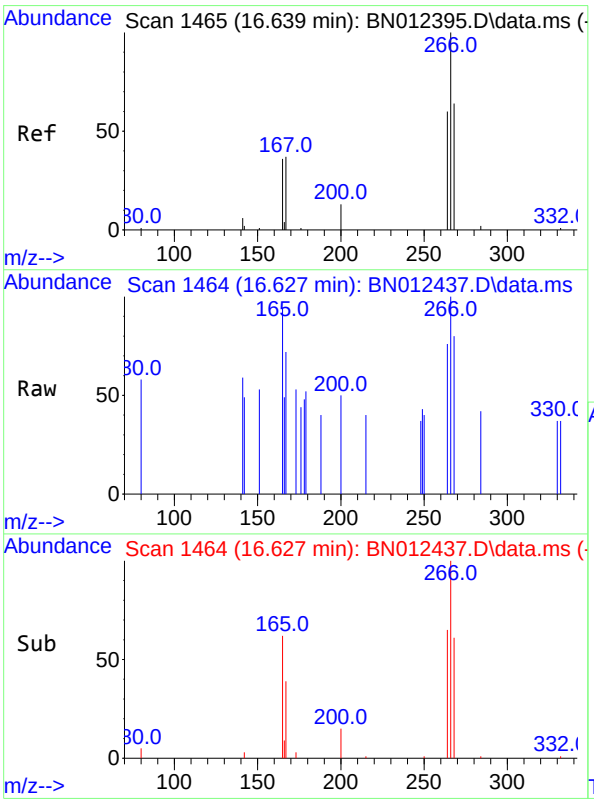


#22
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.274 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:284 Resp: 143

Ion	Ratio	Lower	Upper
284	100		
142	61.5	32.0	48.0#
249	31.5	27.0	40.6

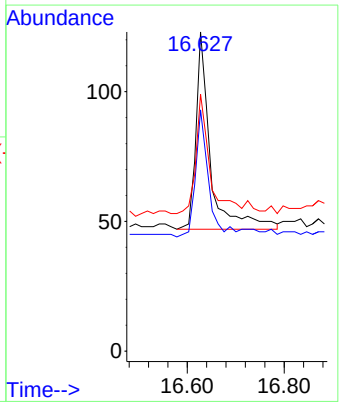




#24
Pentachlorophenol
Concen: 0.16 ng
RT: 16.627 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:266 Resp: 158

Ion	Ratio	Lower	Upper
266	100		
264	57.6	50.9	76.3
268	57.0	51.5	77.3



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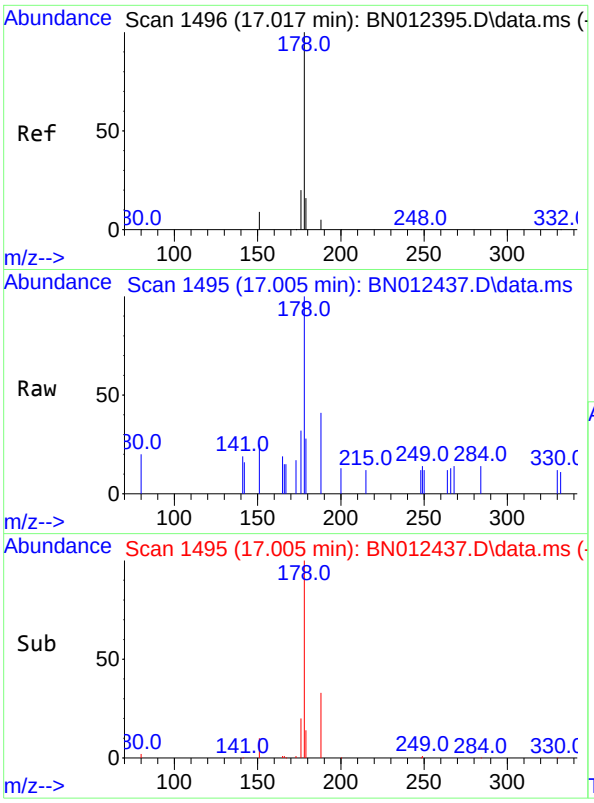
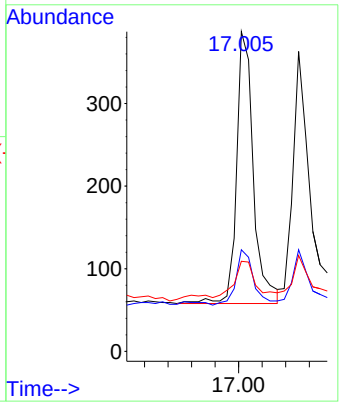
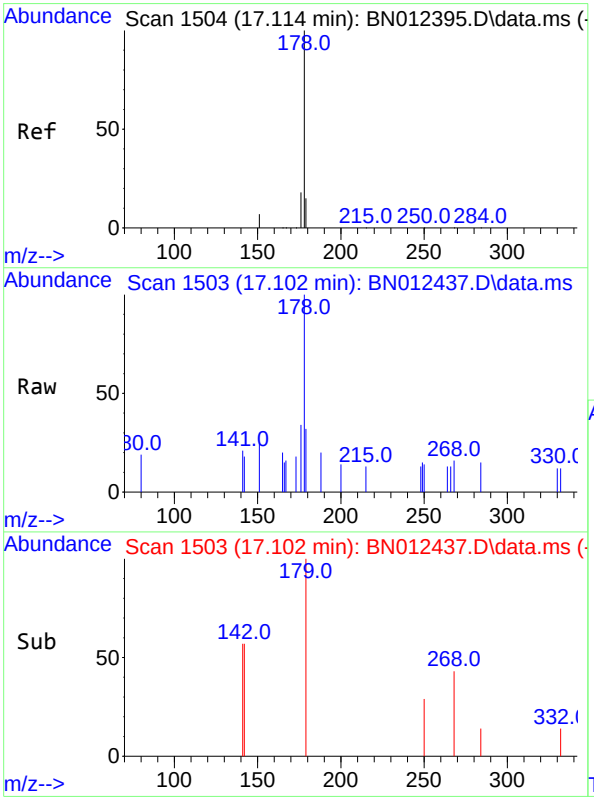


#25
Phenanthrene
Concen: 0.08 ng
RT: 17.005 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:178 Resp: 652

Ion	Ratio	Lower	Upper
178	100		
176	21.0	14.8	22.2
179	16.7	12.4	18.6

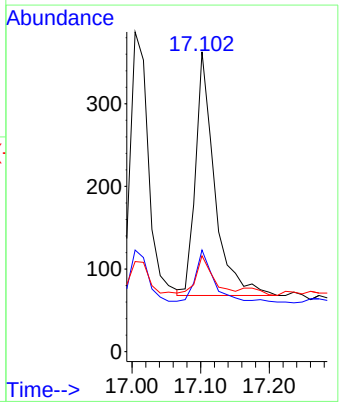


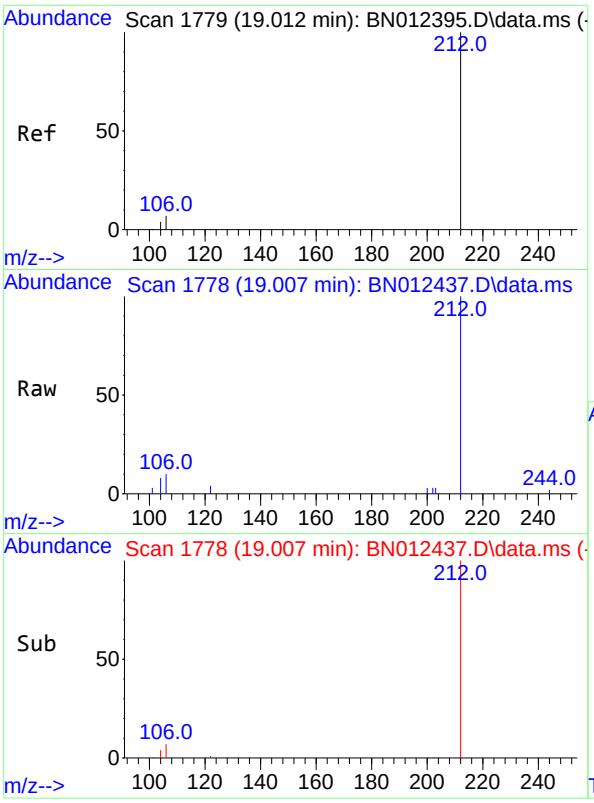


#26
Anthracene
Concen: 0.07 ng
RT: 17.102 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:178 Resp: 570

Ion	Ratio	Lower	Upper
178	100		
176	22.3	14.8	22.2#
179	12.3	12.5	18.7#

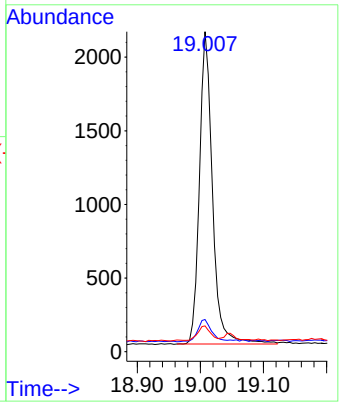




#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.007 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:212 Resp: 3042

Ion	Ratio	Lower	Upper
212	100		
106	7.5	6.8	10.2
104	4.4	4.1	6.1



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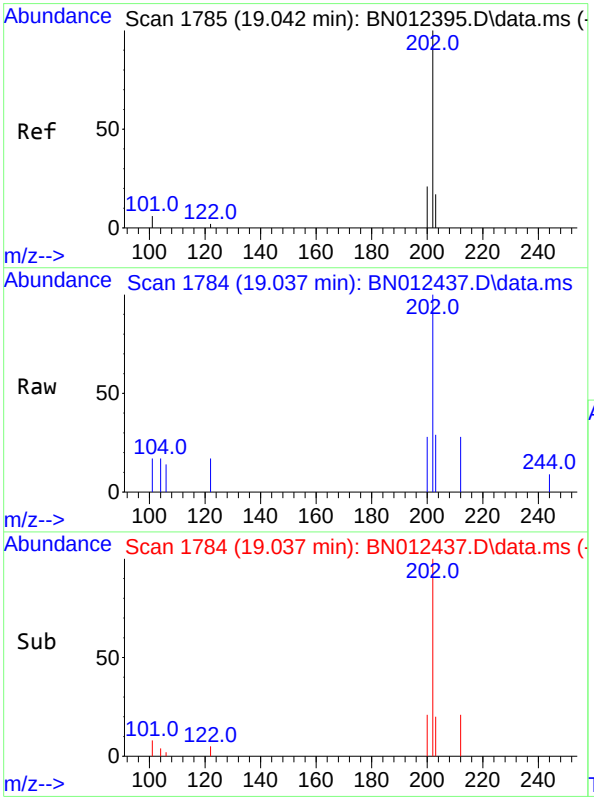
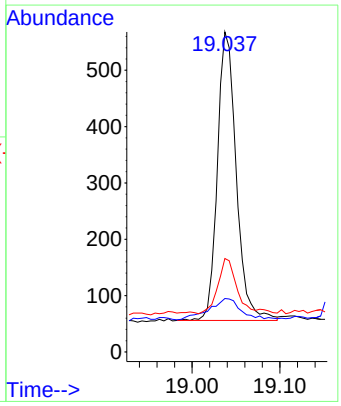


#28
Fluoranthene
Concen: 0.08 ng
RT: 19.037 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:202 Resp: 764

Ion	Ratio	Lower	Upper
202	100		
101	12.7	5.8	8.6#
203	18.7	13.7	20.5



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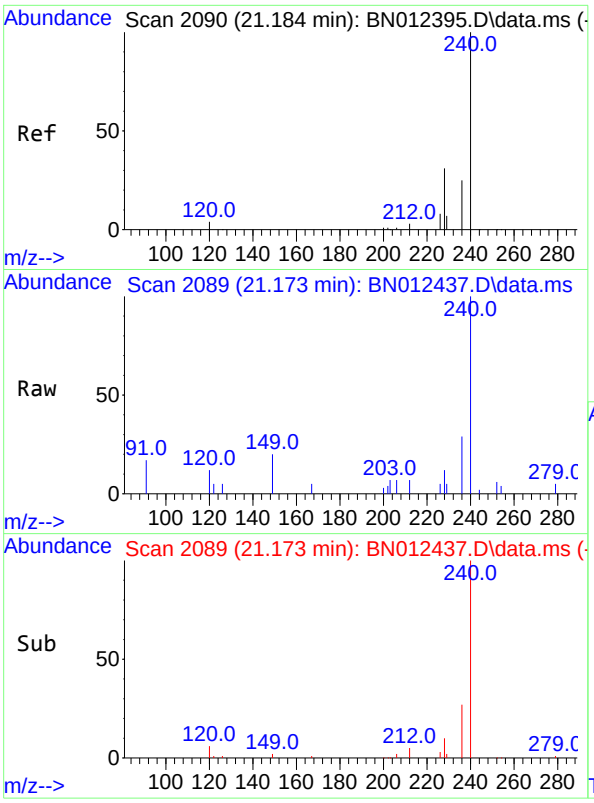
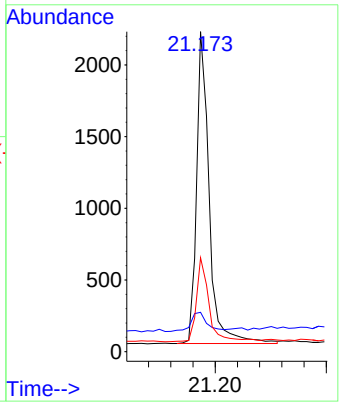
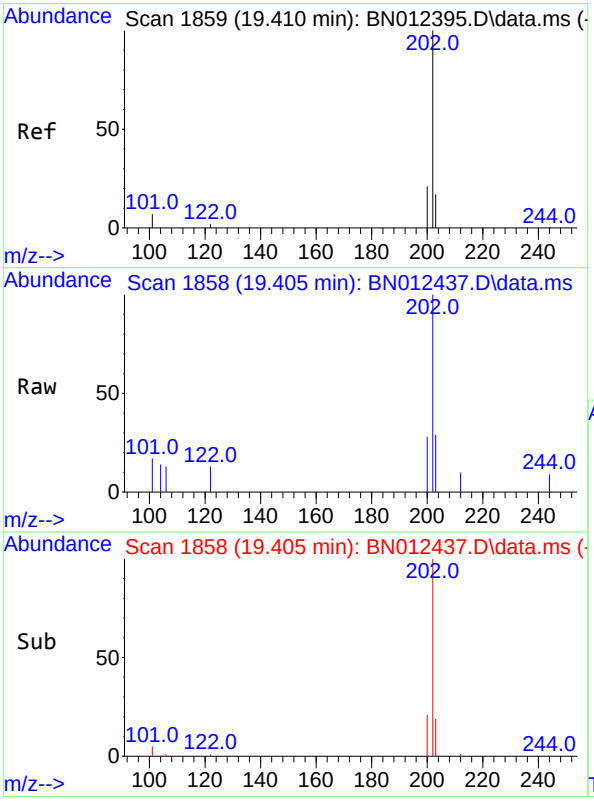


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.173 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:240 Resp: 3426

Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.3	7.9#
236	29.3	21.8	32.8

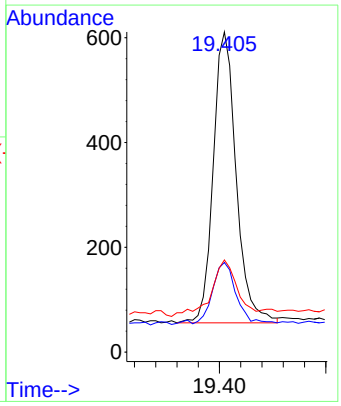




#30
Pyrene
Concen: 0.07 ng
RT: 19.405 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:202 Resp: 830

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	24.8
203	21.9	13.8	20.8#



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ClientSampleId :
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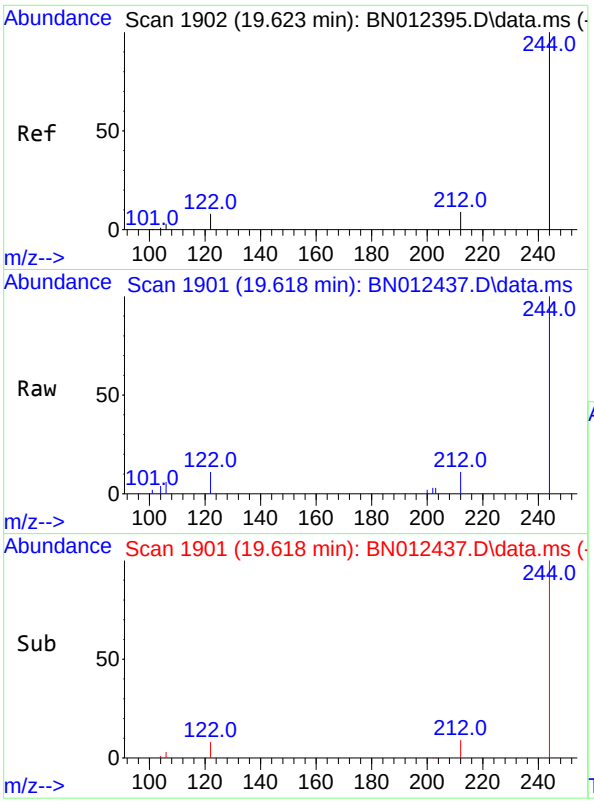
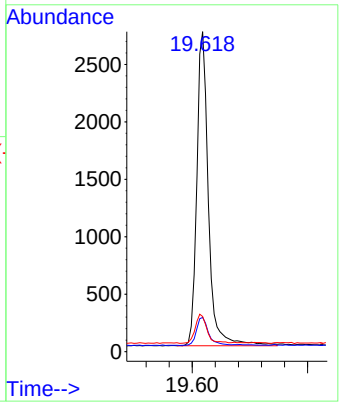
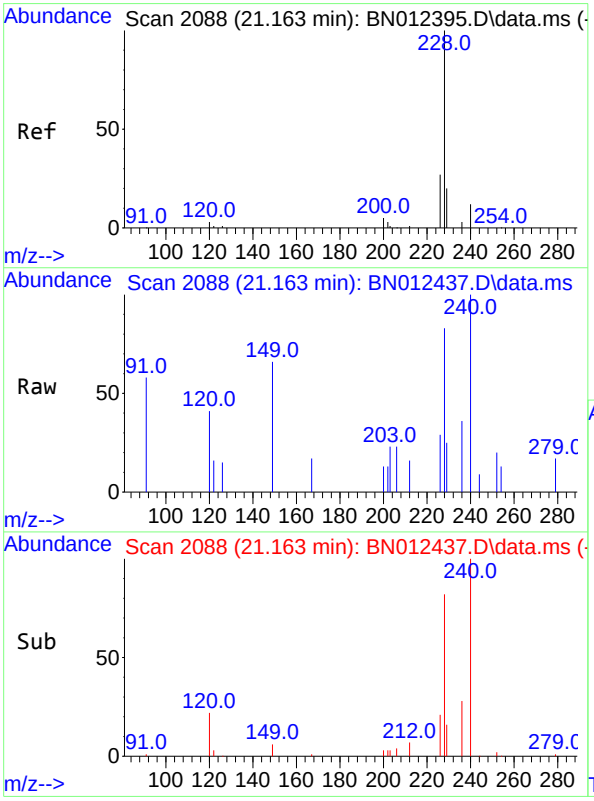


#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.618 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:244 Resp: 3828

Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.3	10.9
122	11.0	7.3	10.9#

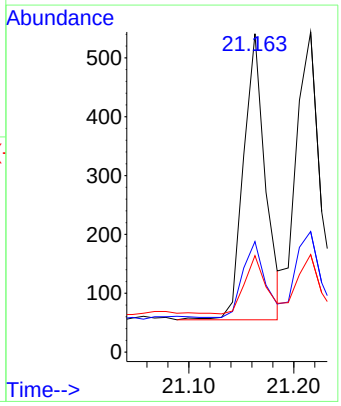




#32
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.163 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:228 Resp: 705

Ion	Ratio	Lower	Upper
228	100		
226	34.8	22.3	33.5#
229	30.3	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
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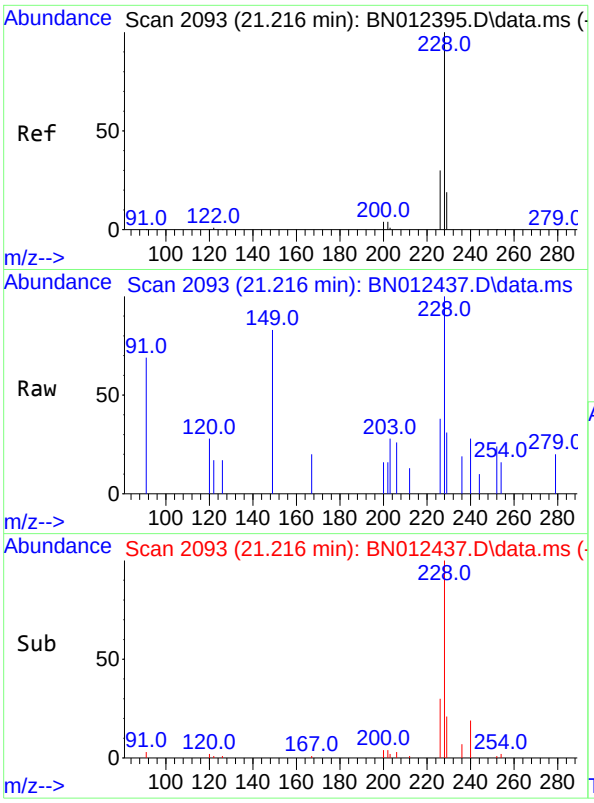
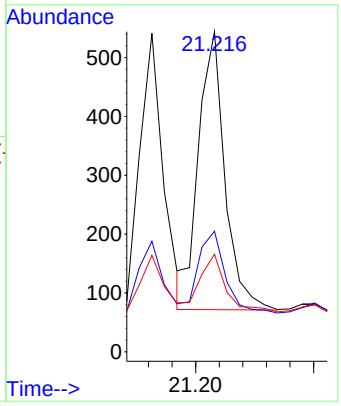
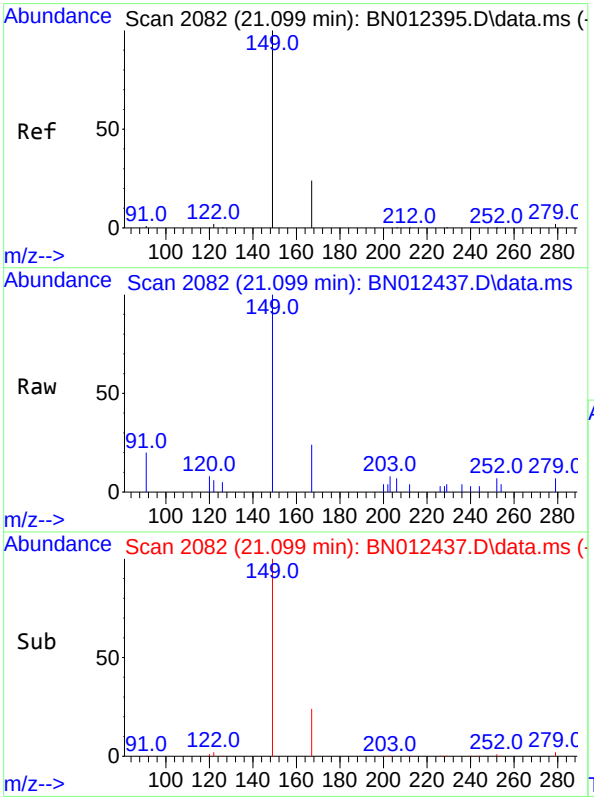


#33
Chrysene
Concen: 0.06 ng
RT: 21.216 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:228 Resp: 731

Ion	Ratio	Lower	Upper
228	100		
226	37.7	24.2	36.2#
229	30.5	15.7	23.5#

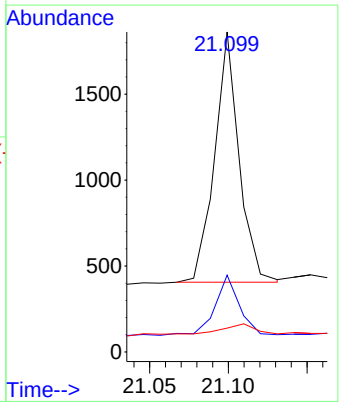




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.23 ng
RT: 21.099 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:149 Resp: 1569

Ion	Ratio	Lower	Upper
149	100		
167	22.7	23.2	34.8#
279	4.8	3.9	5.9



Instrument :
BNA_N
ClientSampleId :
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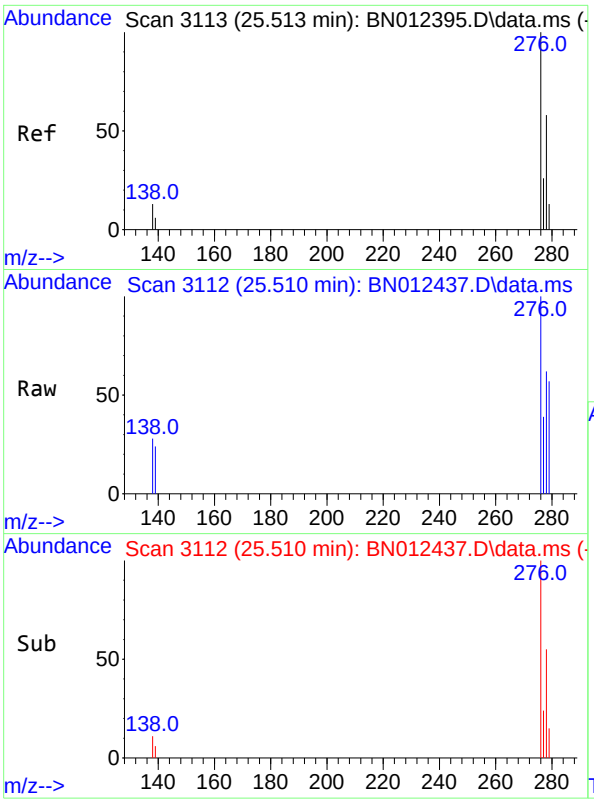
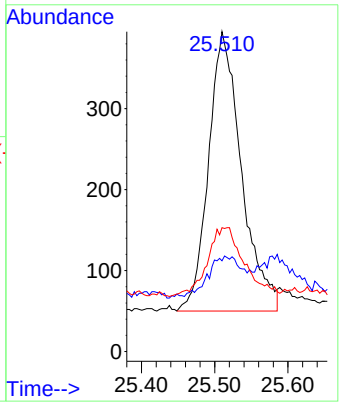
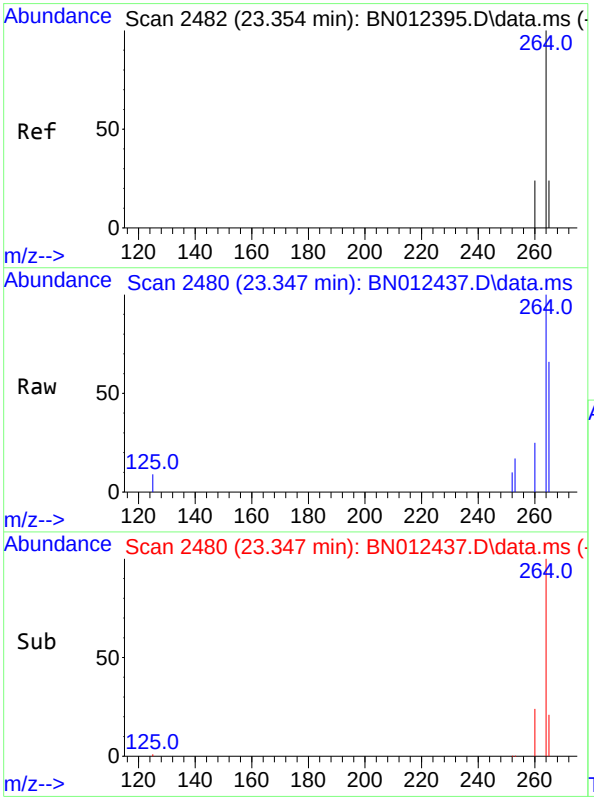


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.510 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:276 Resp: 1079

Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.3	19.9
277	27.6	20.2	30.4

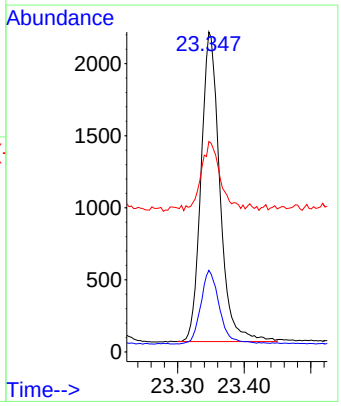




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.347 min Scan# 2480
Delta R.T. -0.007 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:264 Resp: 4202

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.6
265	65.8	51.4	77.0



Instrument :
BNA_N
ClientSampleId :
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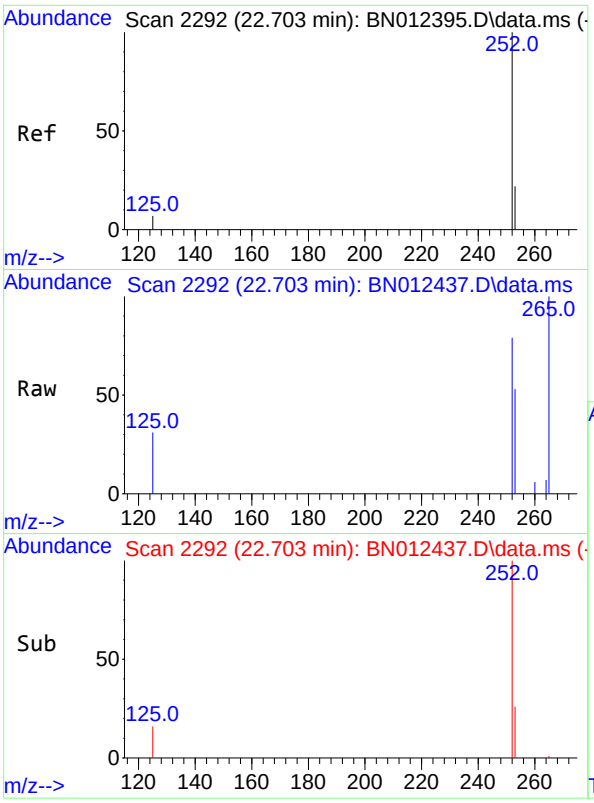
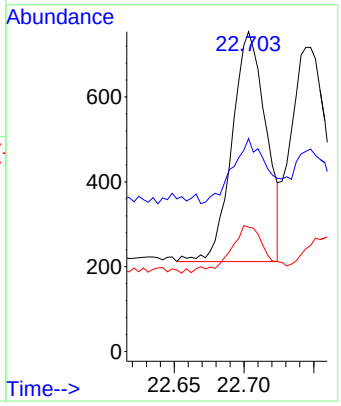
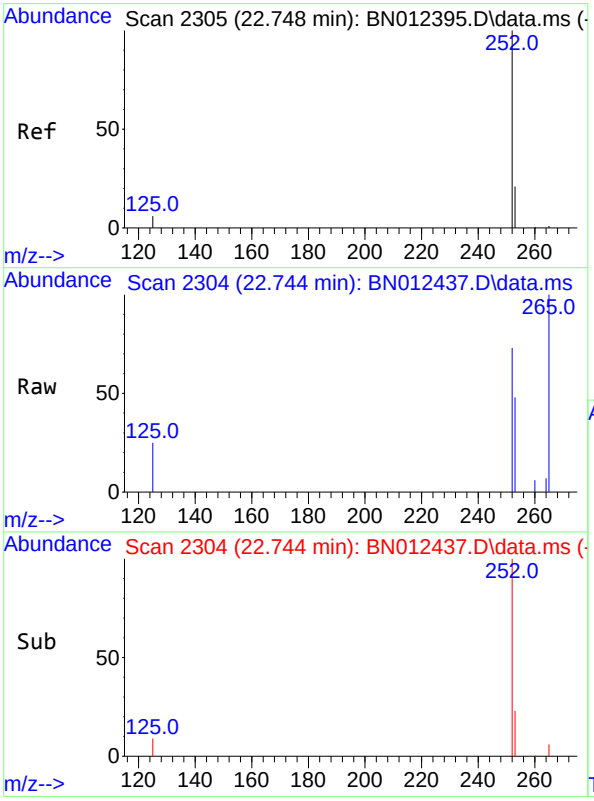


#37
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.703 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:252 Resp: 916

Ion	Ratio	Lower	Upper
252	100		
253	66.6	20.1	30.1#
125	38.9	7.2	10.8#

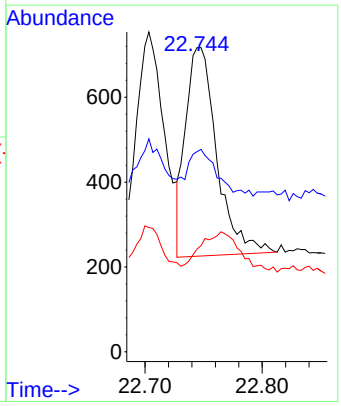




#38
Benzo(k)fluoranthene
Concen: 0.06 ng
RT: 22.744 min Scan# 2304
Delta R.T. -0.004 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:252 Resp: 913

Ion	Ratio	Lower	Upper
252	100		
253	65.8	19.8	29.8#
125	33.8	7.1	10.7#



Instrument :
BNA_N
ClientSampleId :
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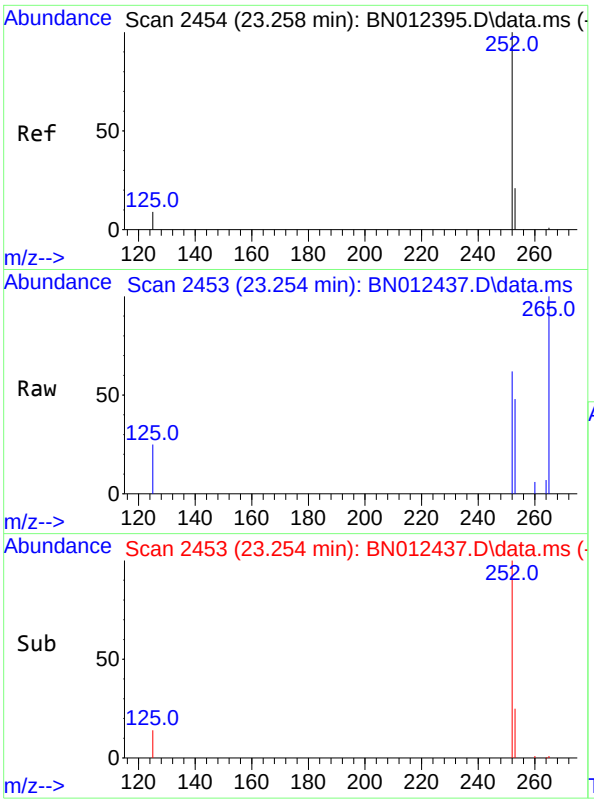
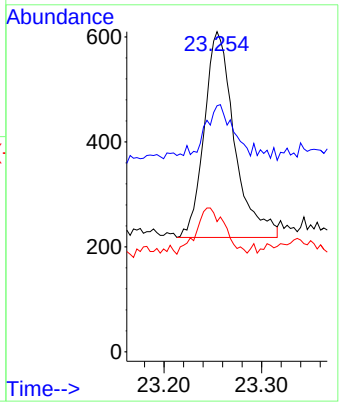
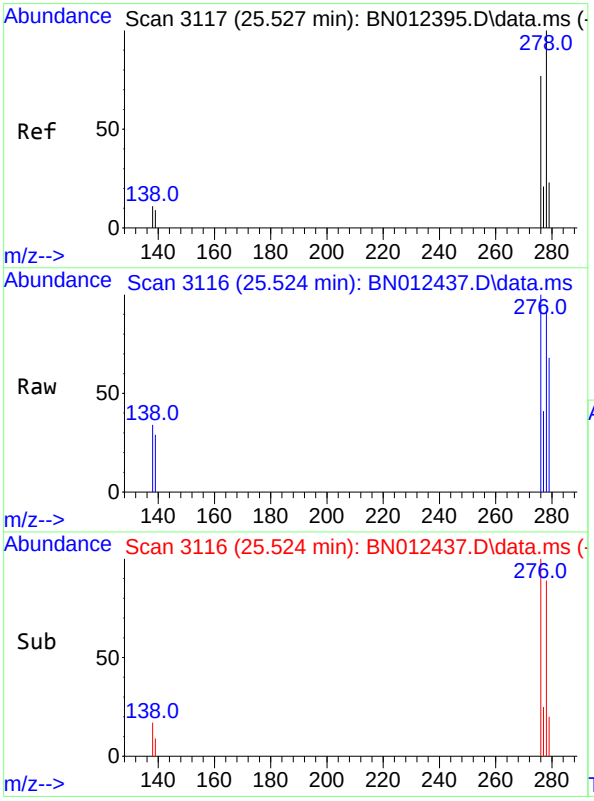


#39
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.254 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:252 Resp: 843

Ion	Ratio	Lower	Upper
252	100		
253	76.9	21.3	31.9#
125	40.7	8.3	12.5#

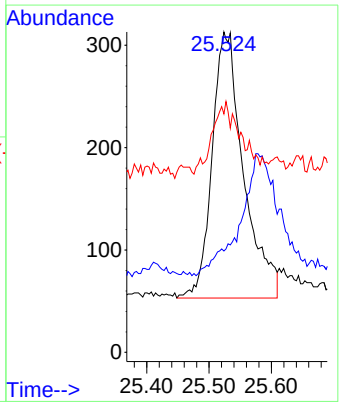


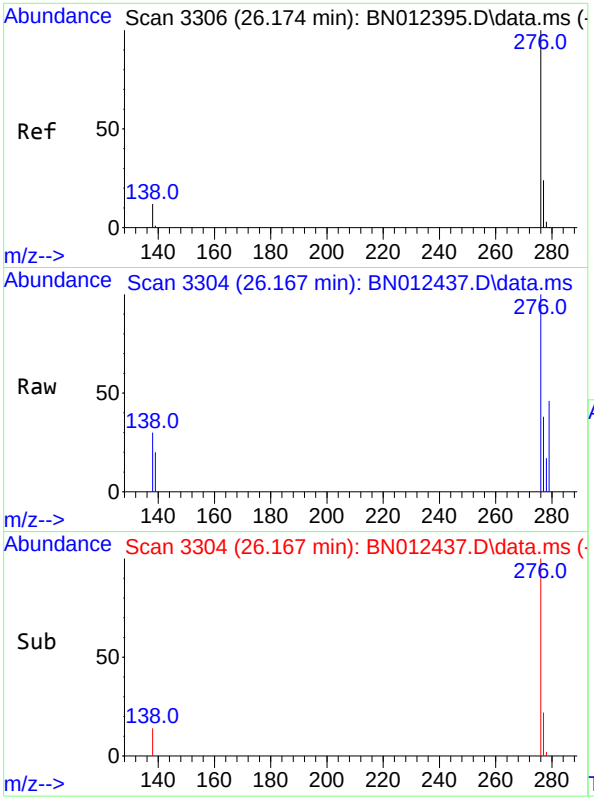


#40
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 25.524 min Scan# 3116
Delta R.T. -0.003 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:278 Resp: 911

Ion	Ratio	Lower	Upper
278	100		
139	31.6	9.3	13.9#
279	74.4	21.6	32.4#

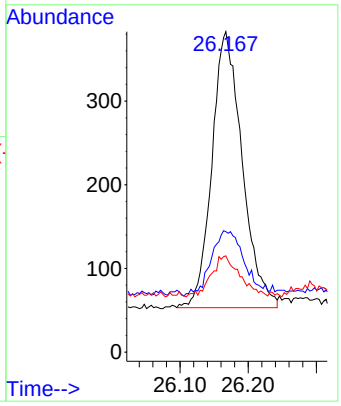




#41
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.167 min Scan# 3304
Delta R.T. -0.003 min
Lab File: BN012437.D
Acq: 29 Oct 2020 14:32

Tgt Ion:276 Resp: 1019

Ion	Ratio	Lower	Upper
276	100		
277	37.6	19.8	29.8#
138	30.0	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
OB-7