Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042621\
Data File : BN014442.D
Acq On : 26 Apr 2021 13:46
Operator : CG/JU
Sample : M2164-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BP-VPB-RW8-GW-258-260

Quant Time: Apr 26 14:16:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 12:30:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	8439	0.40	ng	0.00
7) Naphthalene-d8	10.454	136	31355	0.40	ng	0.00
13) Acenaphthene-d10	14.308	164	16572	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	37144	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	34039	0.40	ng	# 0.00
36) Perylene-d12	23.482	264	26593	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1324	0.08	ng	0.00
5) Phenol-d6	6.855	99	1064	0.05	ng	0.00
8) Nitrobenzene-d5	8.819	82	3042	0.12	ng	0.00
11) 2-Methylnaphthalene-d10	12.049	152	9318	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	639	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	14675	0.22	ng	0.01
27) Fluoranthene-d10	19.094	212	22146	0.23	ng	0.00
31) Terphenyl-d14	19.700	244	23625	0.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	3083	0.30	ng	# 73
32) Benzo(a)anthracene	21.239	228	2210	0.02	ng	93
33) Chrysene	21.292	228	2449	0.02	ng	94
34) Bis(2-ethylhexyl)phtha...	21.186	149	34559	1.09	ng	100

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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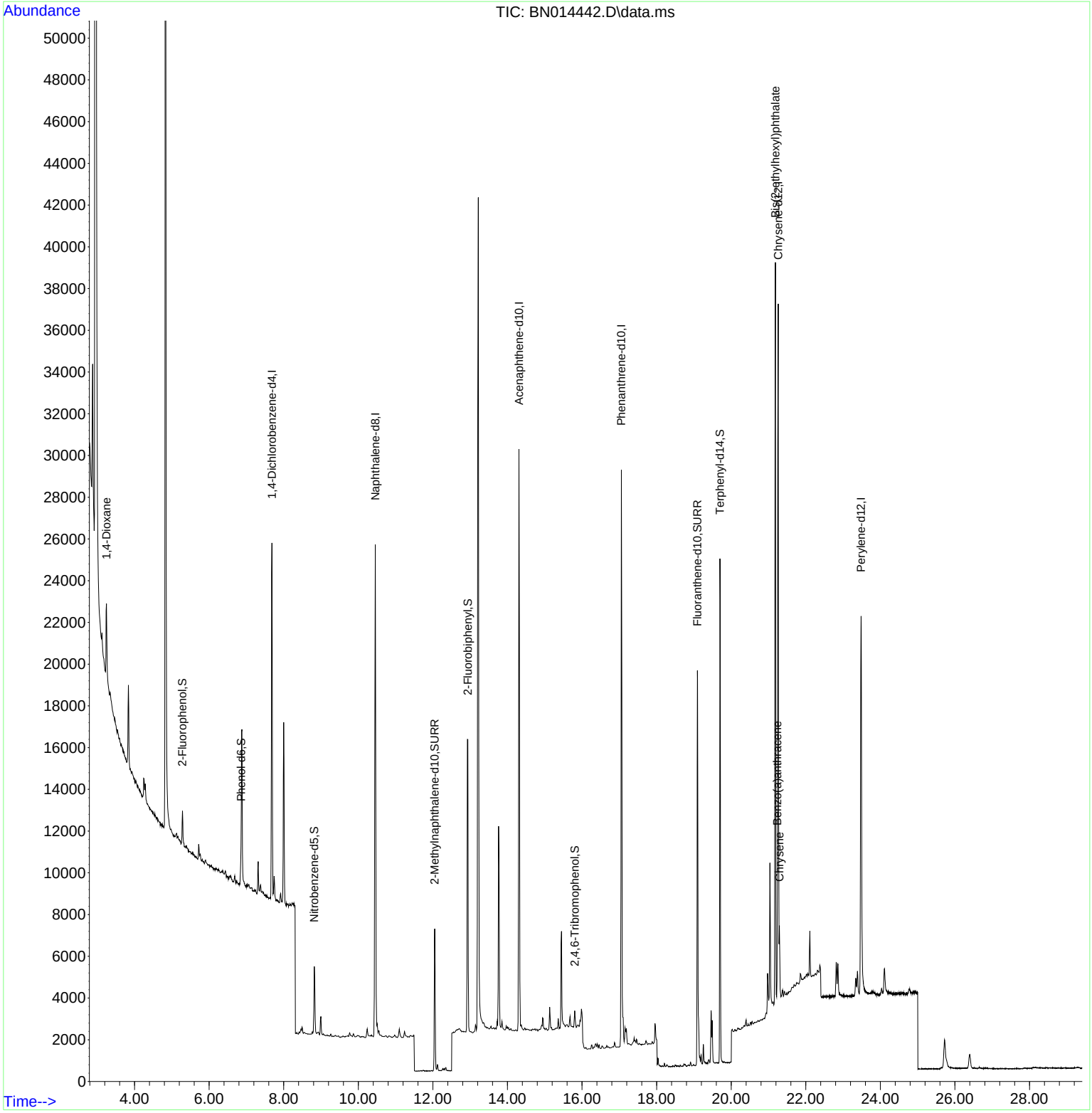
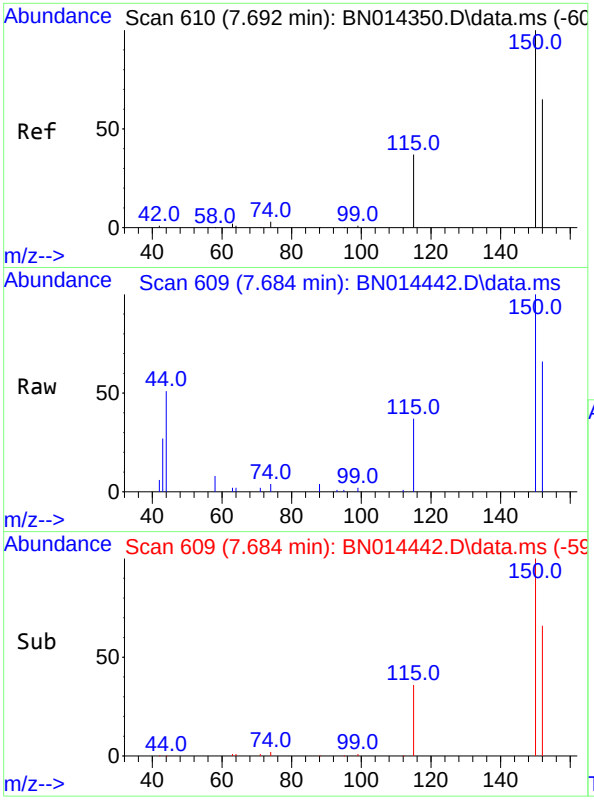


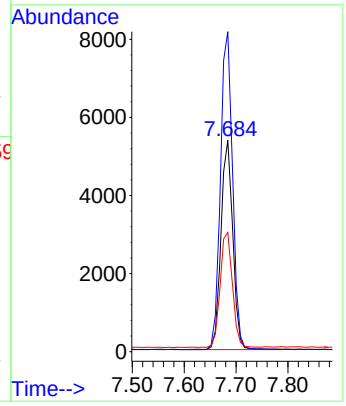
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-258-260

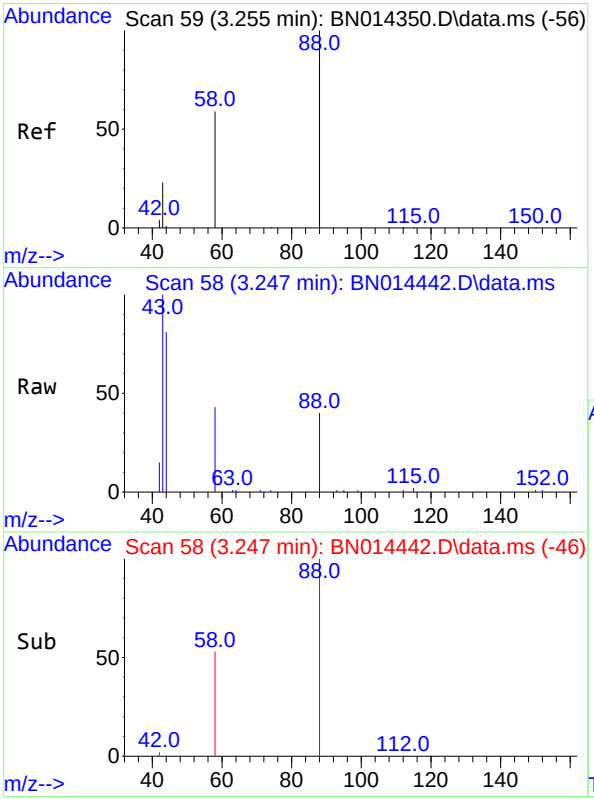


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.684 min Scan# 609
Delta R.T. 0.008 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:152 Resp: 8439

Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.4	185.2
115	56.4	47.5	71.3

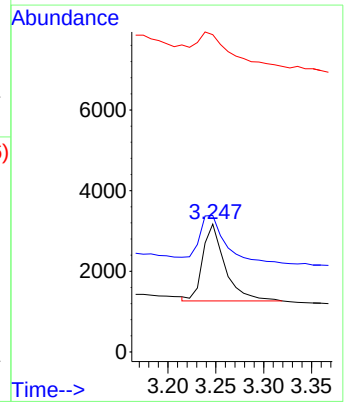




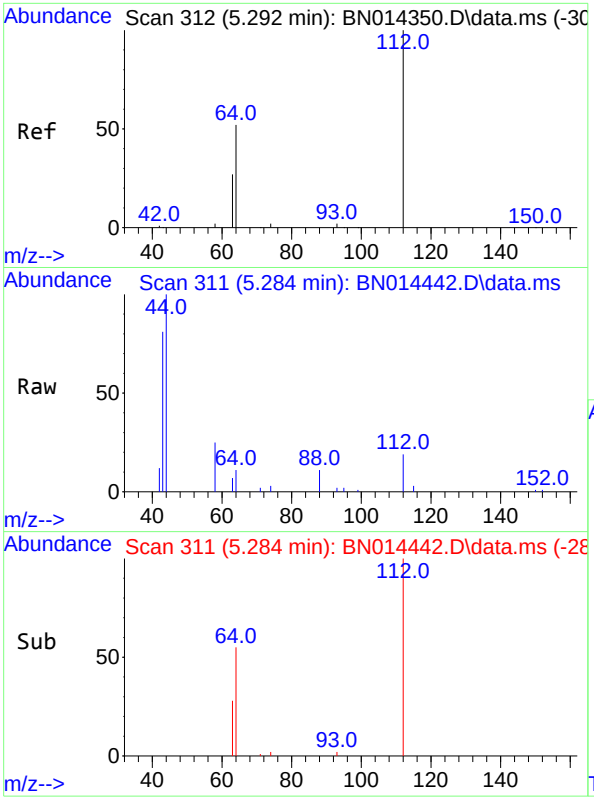
#2
1,4-Dioxane
Concen: 0.30 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion: 88 Resp: 3083

Ion	Ratio	Lower	Upper
88	100		
58	72.4	52.2	78.2
43	61.6	20.6	30.8#



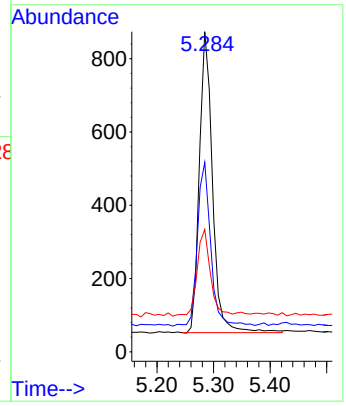
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-258-260

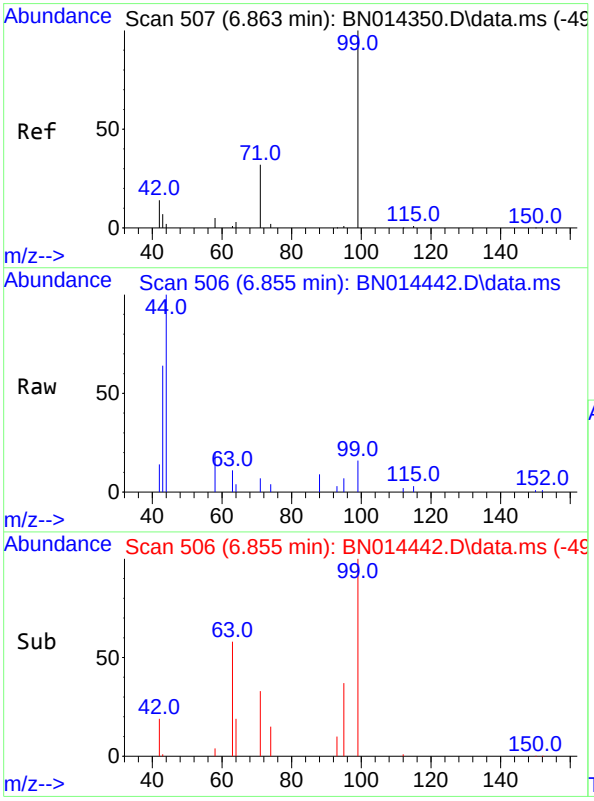


#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:112 Resp: 1324

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.0	64.6
63	27.6	23.4	35.0

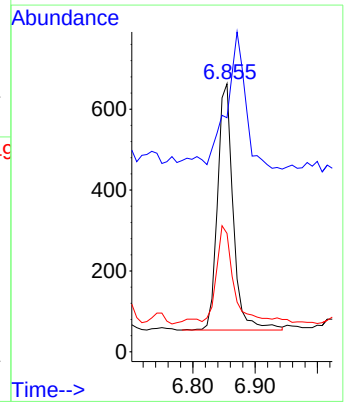




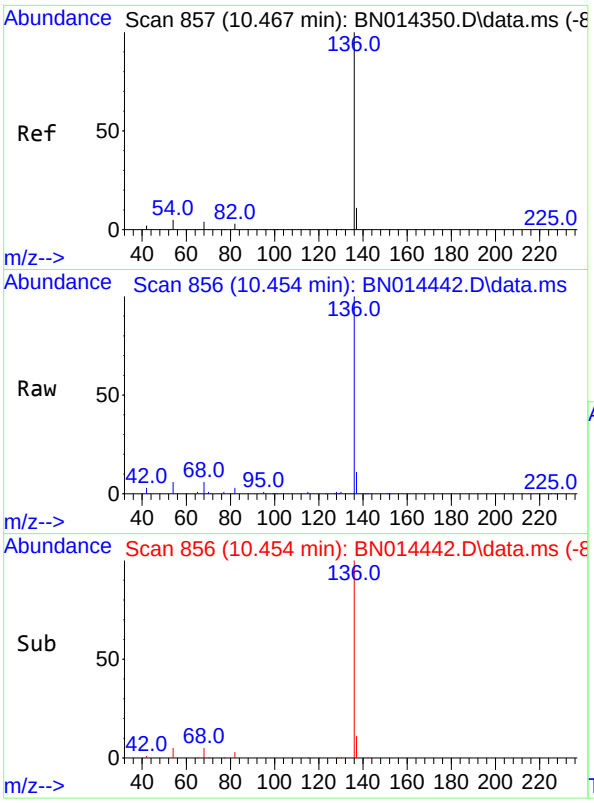
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.855 min Scan# 506
Delta R.T. 0.008 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion: 99 Resp: 1064

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	46.3	27.8	41.8#



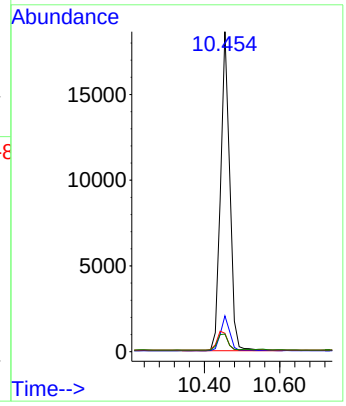
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-258-260

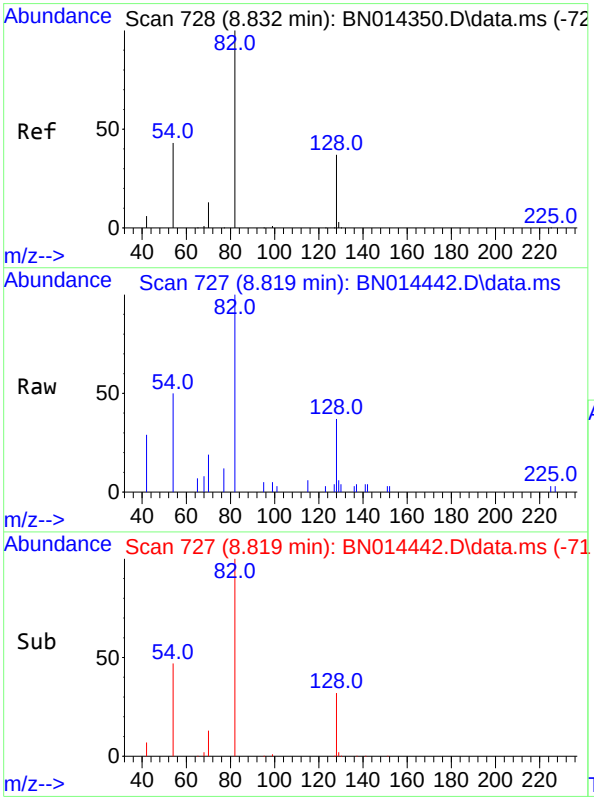


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.454 min Scan# 856
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:136 Resp: 31355

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.8	4.4	6.6
68	5.5	3.9	5.9

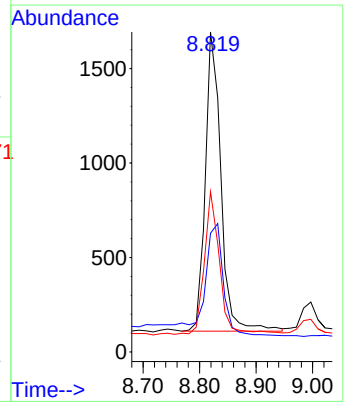


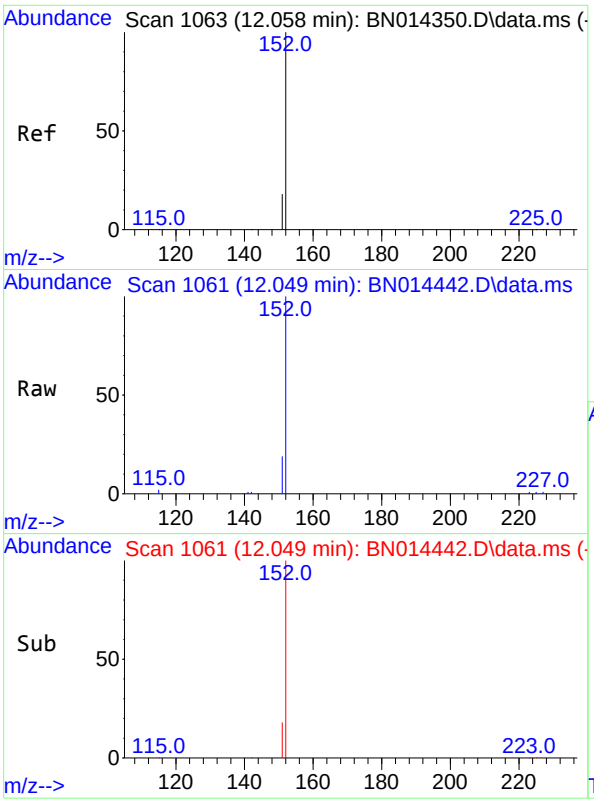


#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 8.819 min Scan# 727
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion: 82 Resp: 3042

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.3	45.5
54	50.1	35.8	53.8

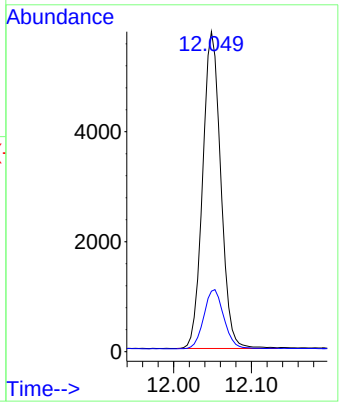




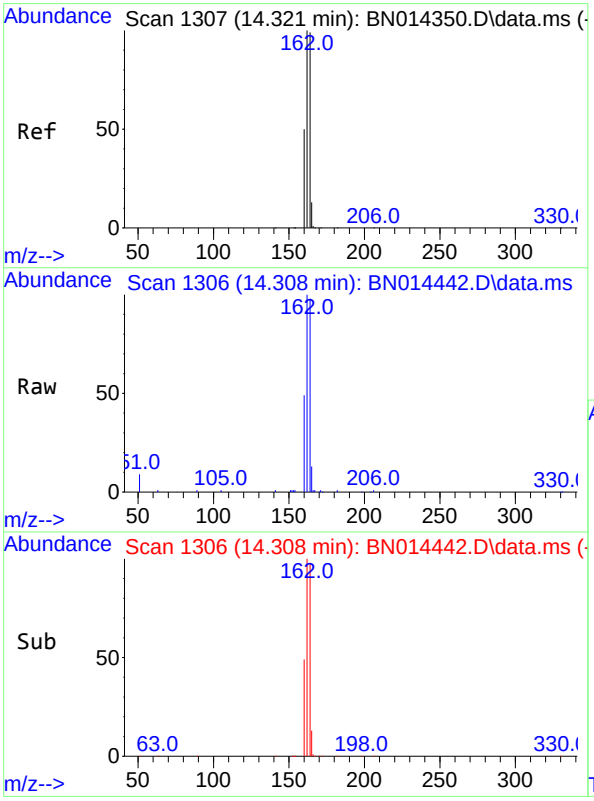
#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.049 min Scan# 1061
Delta R.T. 0.004 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:152 Resp: 9318

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5



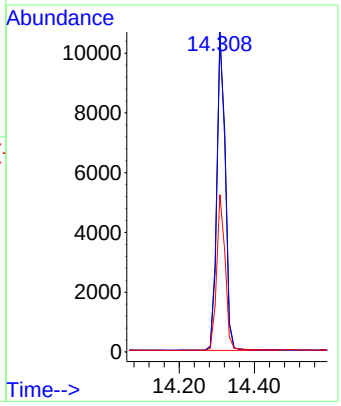
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-258-260



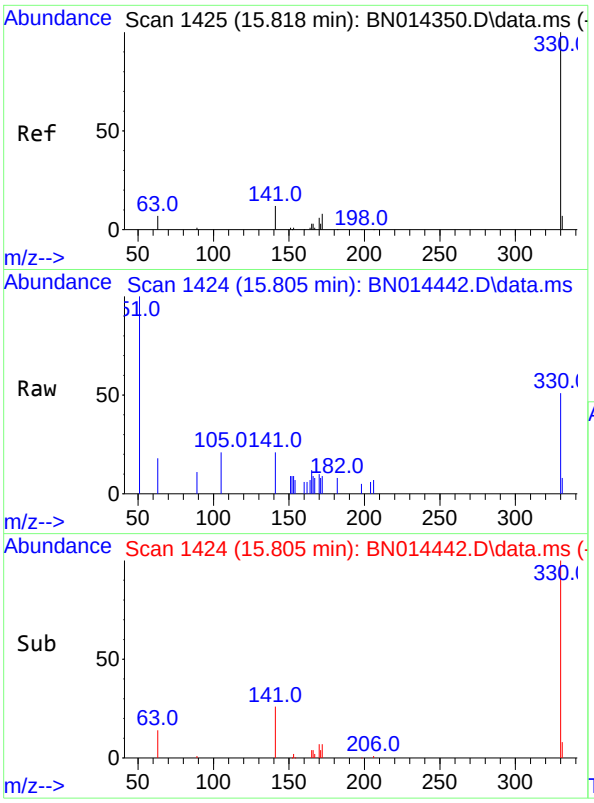
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.308 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:164 Resp: 16572

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.0	121.6
160	50.2	40.7	61.1



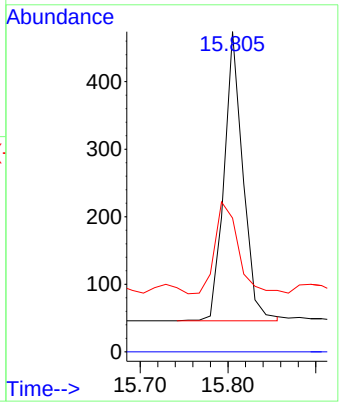
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-258-260

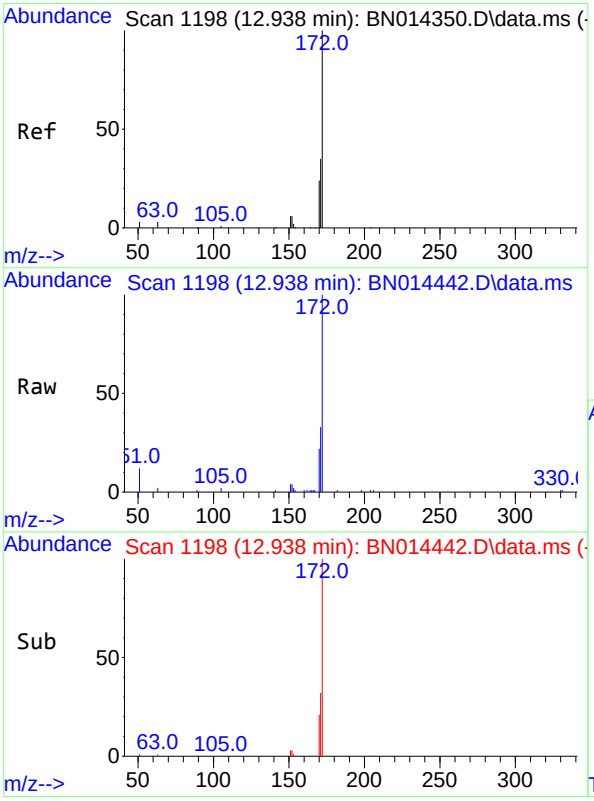


#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:330 Resp: 639

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.5	26.2	39.2

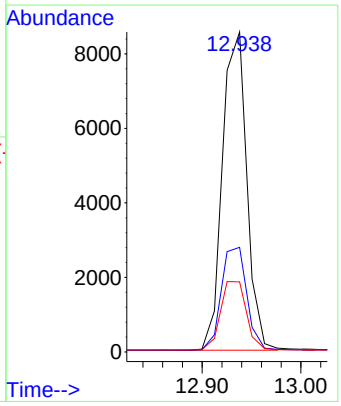




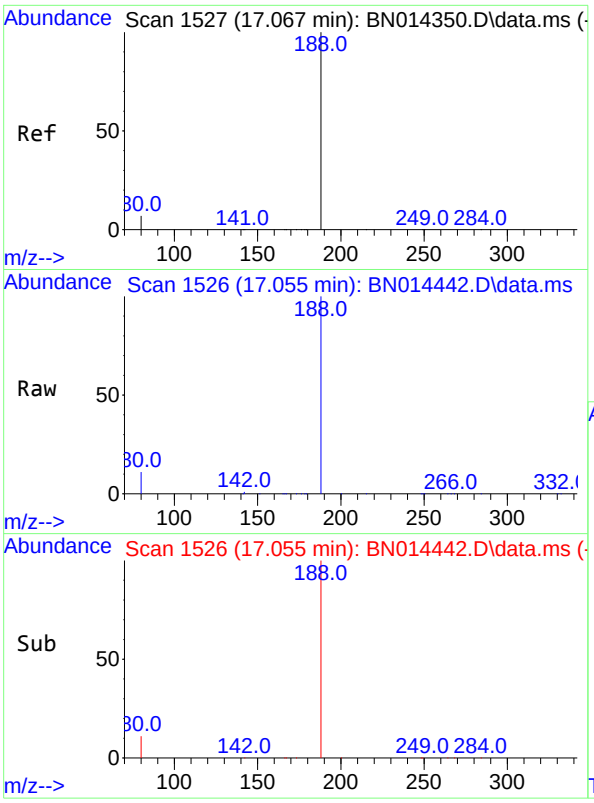
#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.938 min Scan# 1198
Delta R.T. 0.013 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:172 Resp: 14675

Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.2	42.2
170	21.9	19.6	29.4



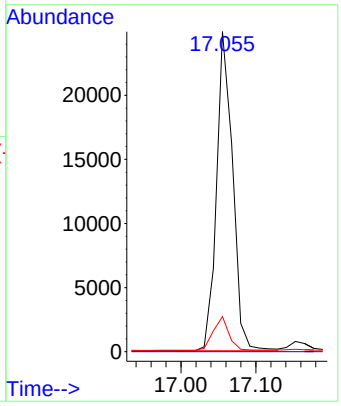
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-258-260

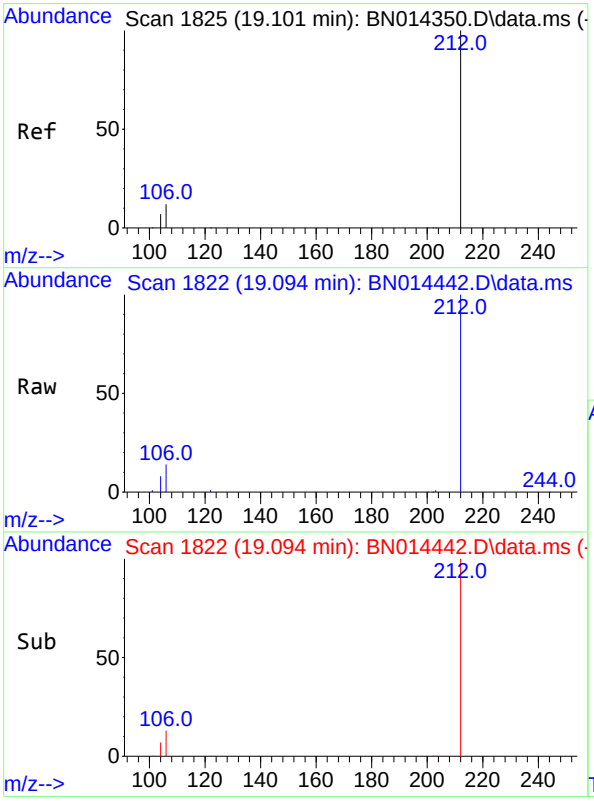


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:188 Resp: 37144

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.2	9.4#

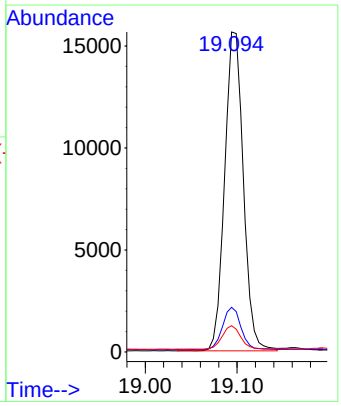




#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.094 min Scan# 1822
Delta R.T. -0.005 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:212 Resp: 22146

Ion	Ratio	Lower	Upper
212	100		
106	13.3	9.7	14.5
104	7.3	5.4	8.0



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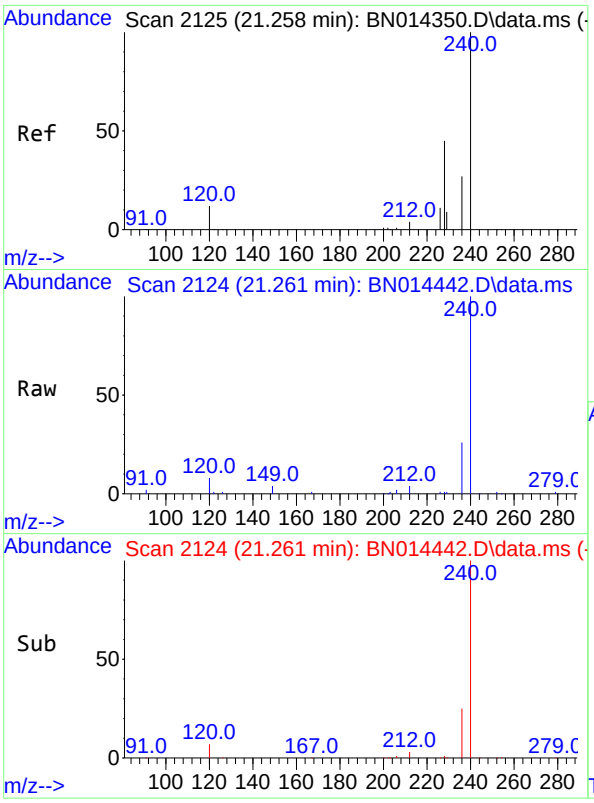
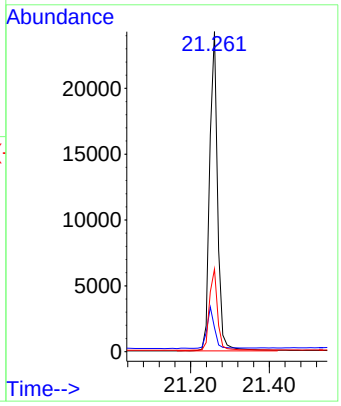
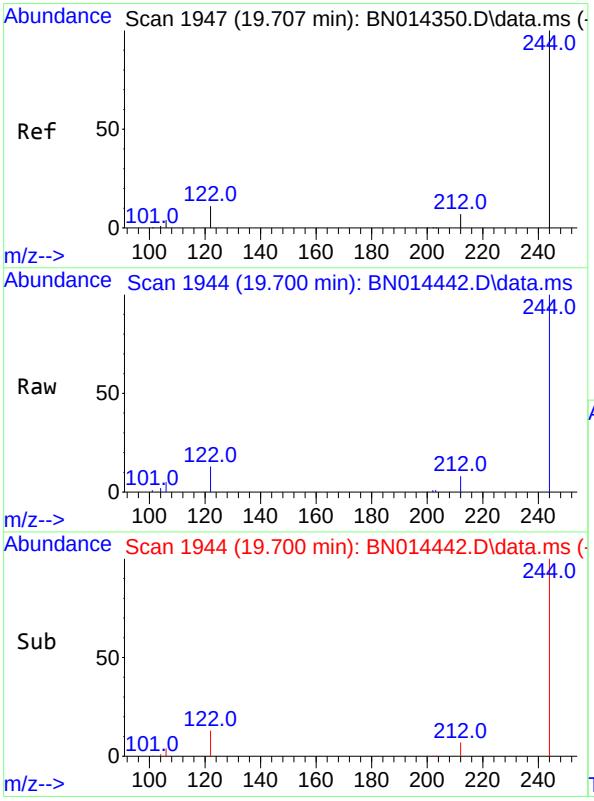


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:240 Resp: 34039

Ion	Ratio	Lower	Upper
240	100		
120	7.5	10.7	16.1#
236	25.8	21.5	32.3

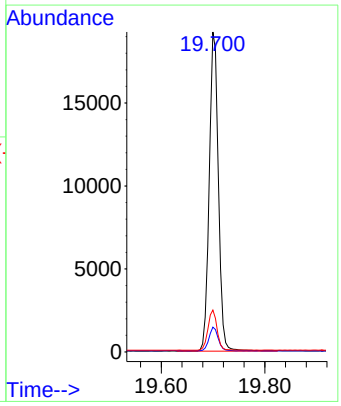




#31
Terphenyl-d14
Concen: 0.33 ng
RT: 19.700 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:244 Resp: 23625

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	13.1	9.3	13.9



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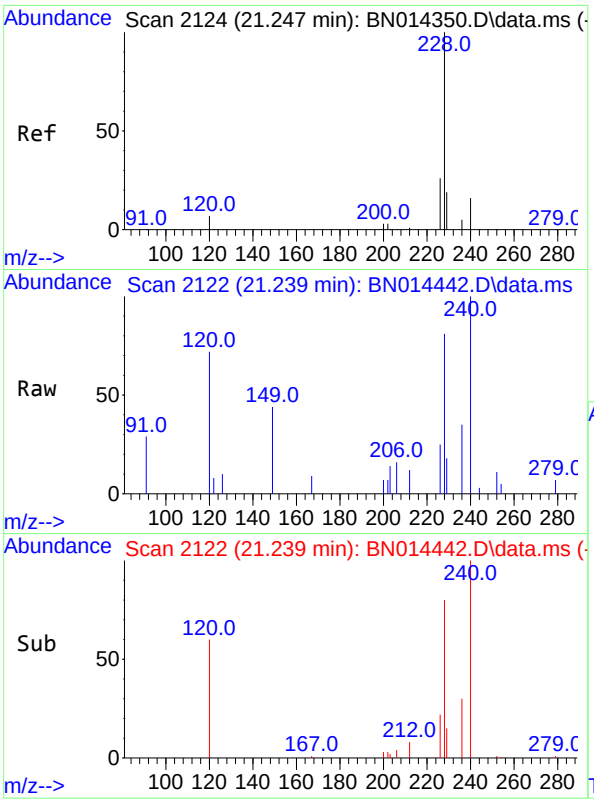
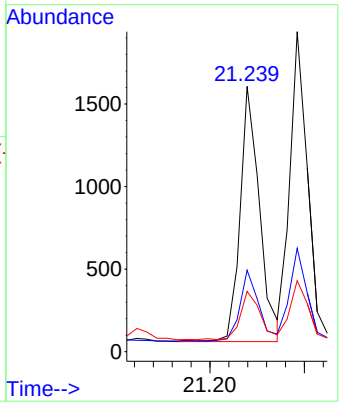
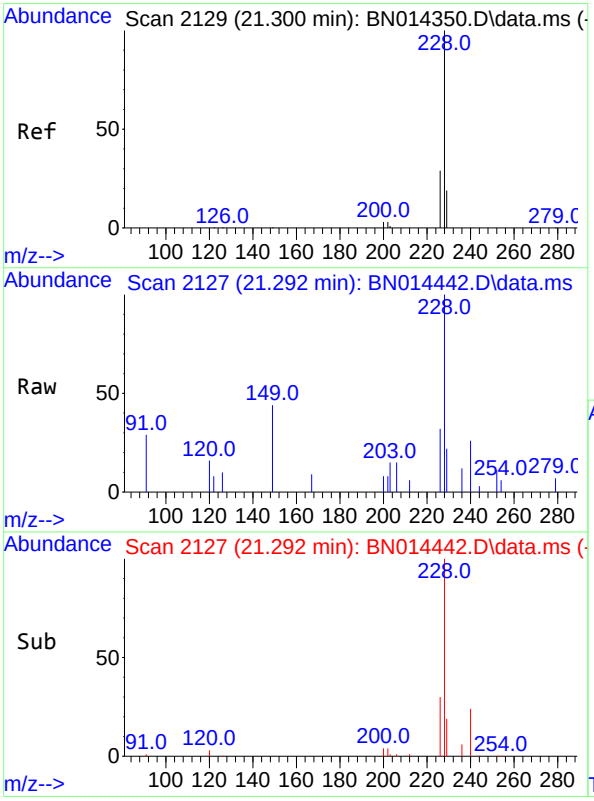


#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:228 Resp: 2210

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.3	31.9
229	22.7	15.7	23.5

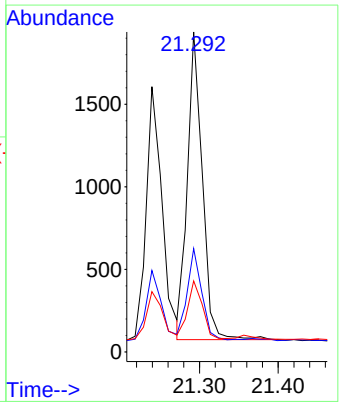




#33
Chrysene
Concen: 0.02 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:228 Resp: 2449

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.1	34.7
229	22.2	15.7	23.5



Instrument :
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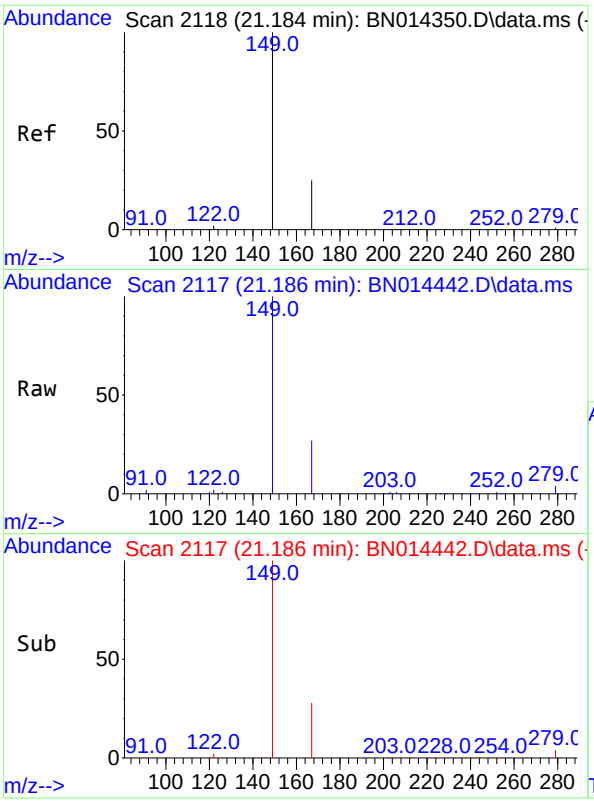
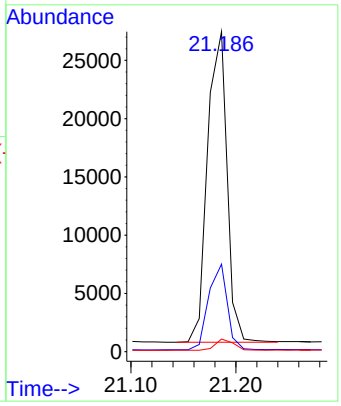
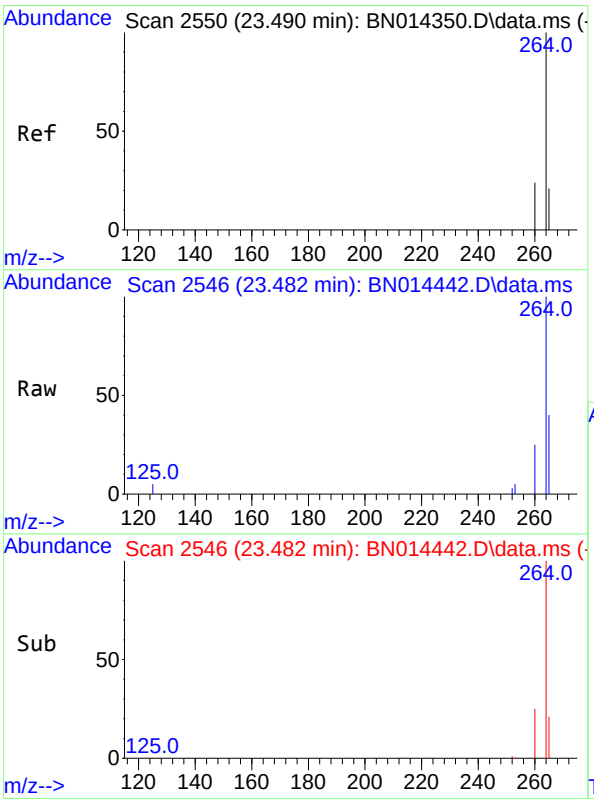


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.09 ng
RT: 21.186 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:149 Resp: 34559

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.6	3.1	4.7





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.482 min Scan# 2546
Delta R.T. -0.000 min
Lab File: BN014442.D
Acq: 26 Apr 2021 13:46

Tgt Ion:264 Resp: 26593

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	40.4	34.4	51.6