Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
Data File : BN013084.D
Acq On : 12 Dec 2020 10:08
Operator : CG/JU
Sample : L4996-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DUP02-20201208

Quant Time: Dec 14 03:06:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 01:53:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.362	152	895	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2966	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1830	0.40	ng	0.00
19) Phenanthrene-d10	16.800	188	4026	0.40	ng	# 0.00
29) Chrysene-d12	21.016	240	4980	0.40	ng	# 0.00
36) Perylene-d12	23.113	264	6173	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	334	0.10	ng	0.00
5) Phenol-d6	6.565	99	247	0.07	ng	0.00
8) Nitrobenzene-d5	8.541	82	799	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	11.742	152	1457	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	279	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2286	0.28	ng	0.00
27) Fluoranthene-d10	18.841	212	5155	0.38	ng	0.00
31) Terphenyl-d14	19.456	244	4658	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.957	88	457	0.17	ng	# 55
25) Phenanthrene	16.836	178	297	0.02	ng	# 95
34) Bis(2-ethylhexyl)phtha...	20.942	149	1806	0.16	ng	98

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 01:53:51 2020
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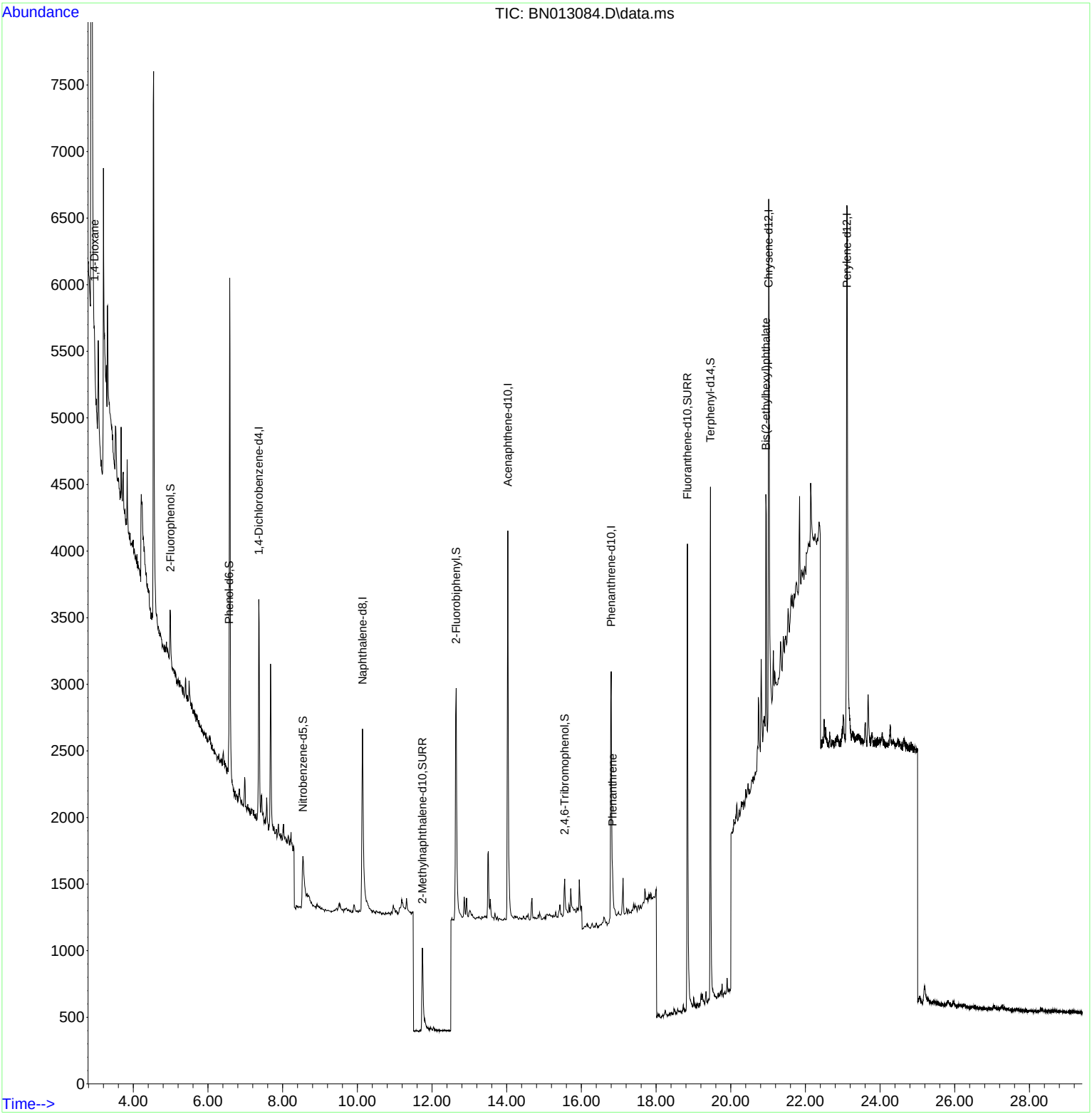

Instrument :
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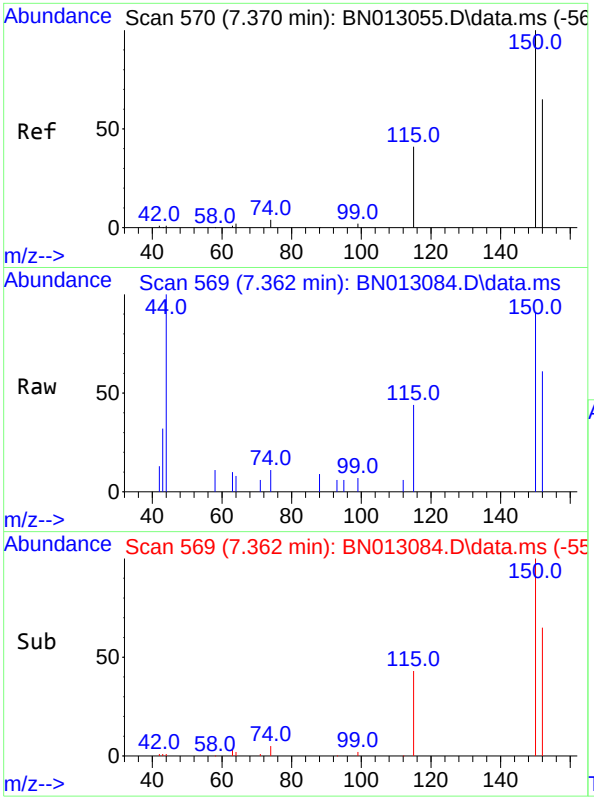
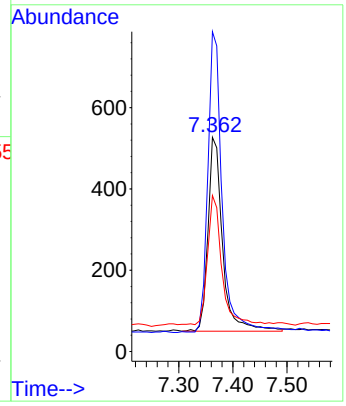
DUP02-20201208

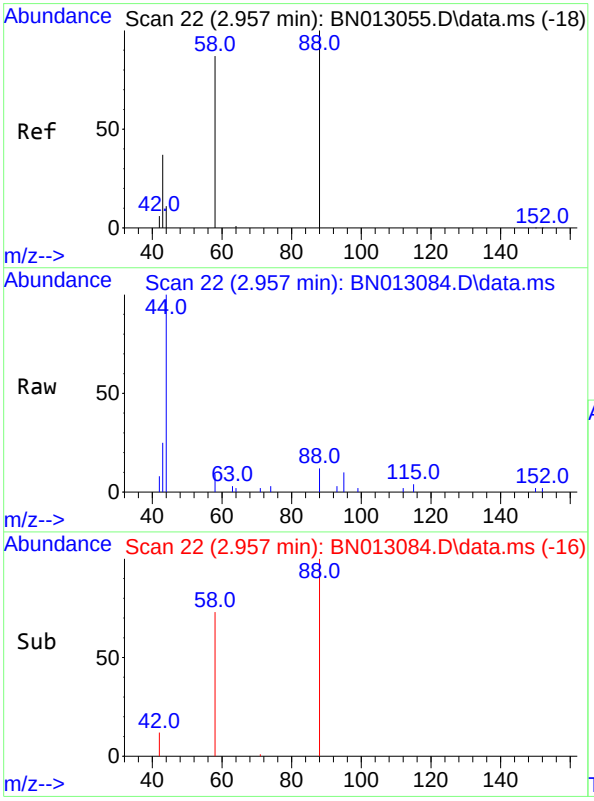


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.362 min Scan# 569
Delta R.T. -0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:152 Resp: 895

Ion	Ratio	Lower	Upper
152	100		
150	149.3	116.6	174.8
115	72.9	52.9	79.3

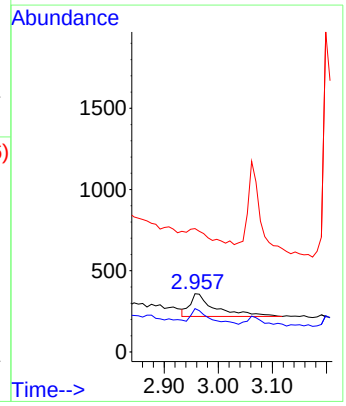




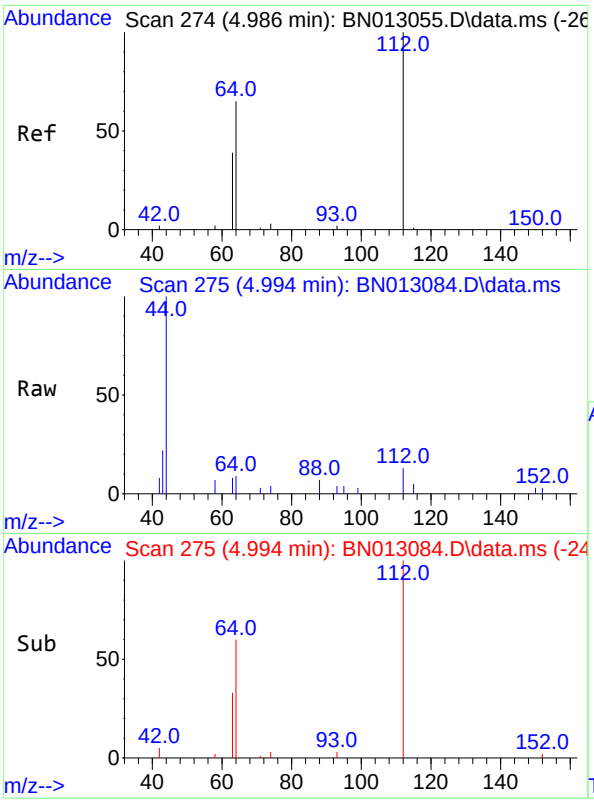
#2
1,4-Dioxane
Concen: 0.17 ng
RT: 2.957 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion: 88 Resp: 457

Ion	Ratio	Lower	Upper
88	100		
58	46.0	59.4	89.2#
43	0.0	32.3	48.5#



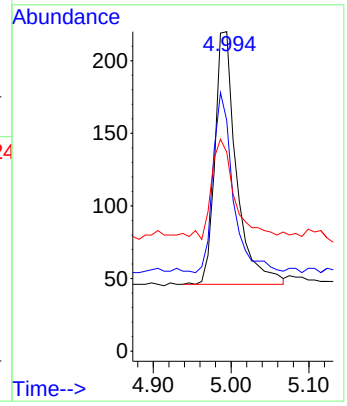
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

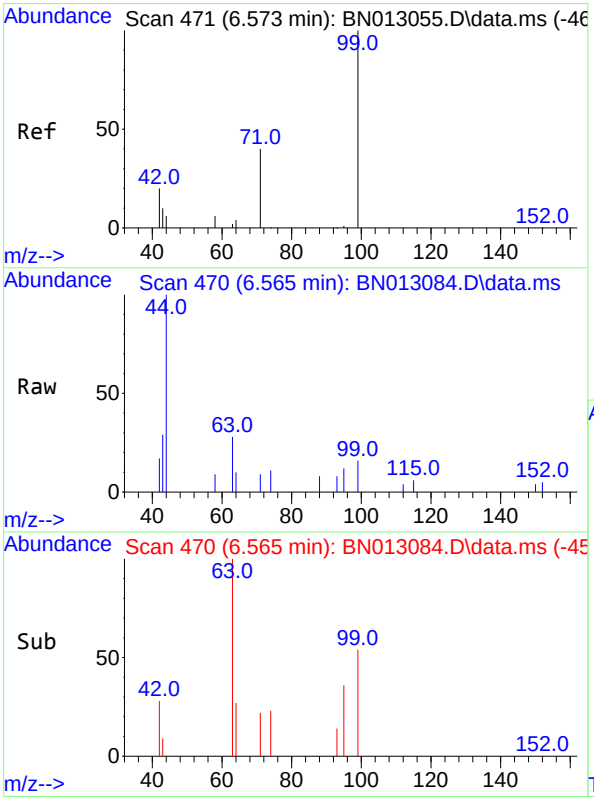


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:112 Resp: 334

Ion	Ratio	Lower	Upper
112	100		
64	67.1	49.5	74.3
63	46.4	32.0	48.0

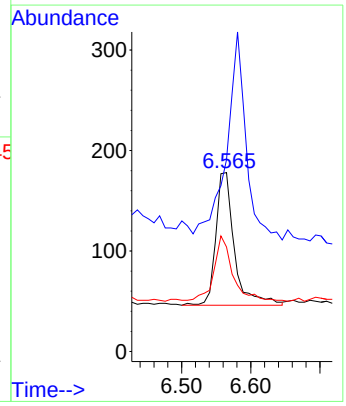




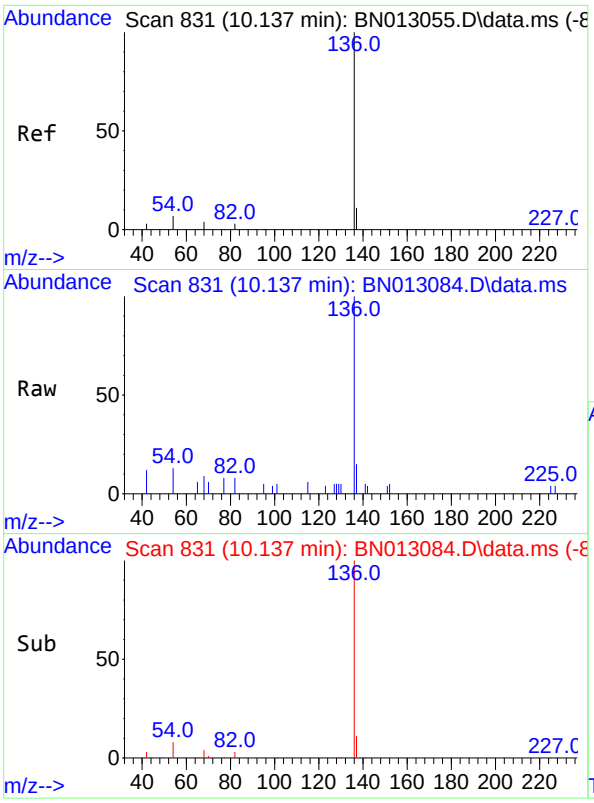
#5
Phenol-d6
Concen: 0.07 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion: 99 Resp: 247

Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	50.2	37.8	56.6



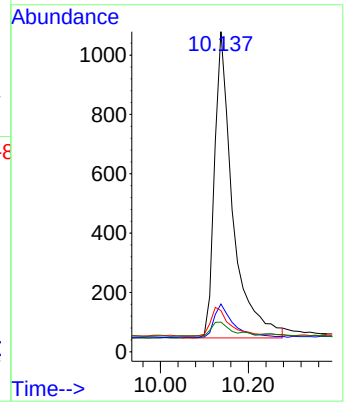
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

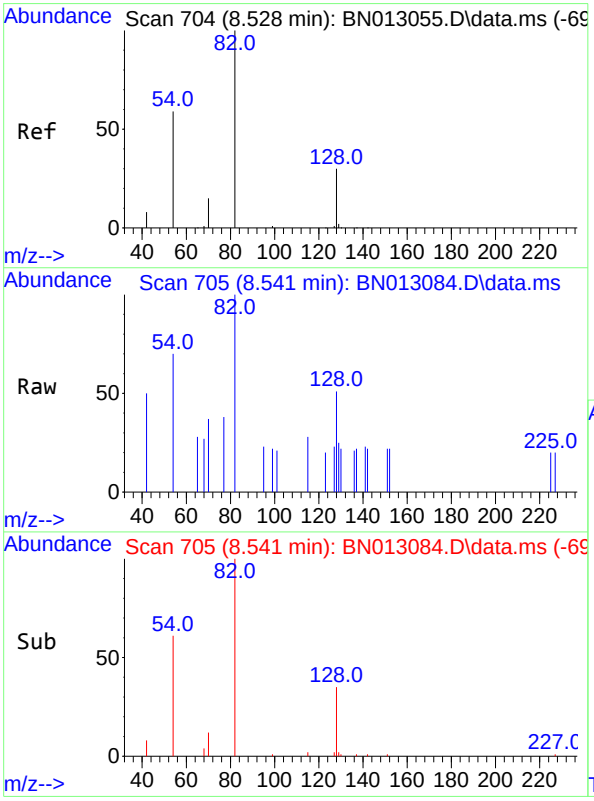


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:136 Resp: 2966

Ion	Ratio	Lower	Upper
136	100		
137	14.9	10.6	15.8
54	12.9	8.6	12.8#
68	9.3	5.7	8.5#

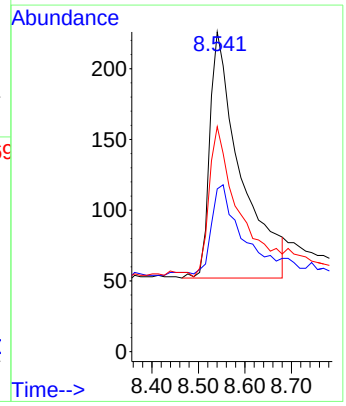




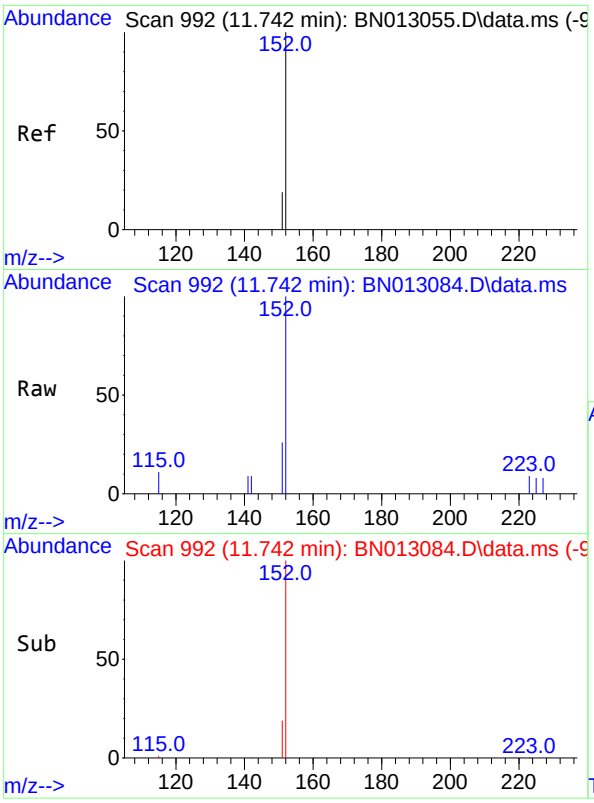
#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion: 82 Resp: 799

Ion	Ratio	Lower	Upper
82	100		
128	50.9	30.6	46.0#
54	70.4	48.3	72.5



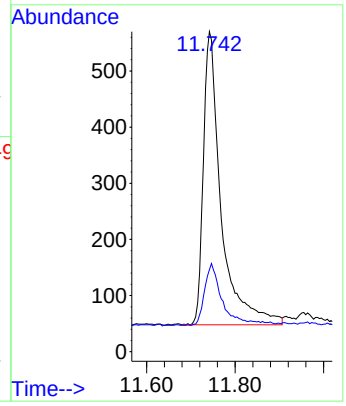
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

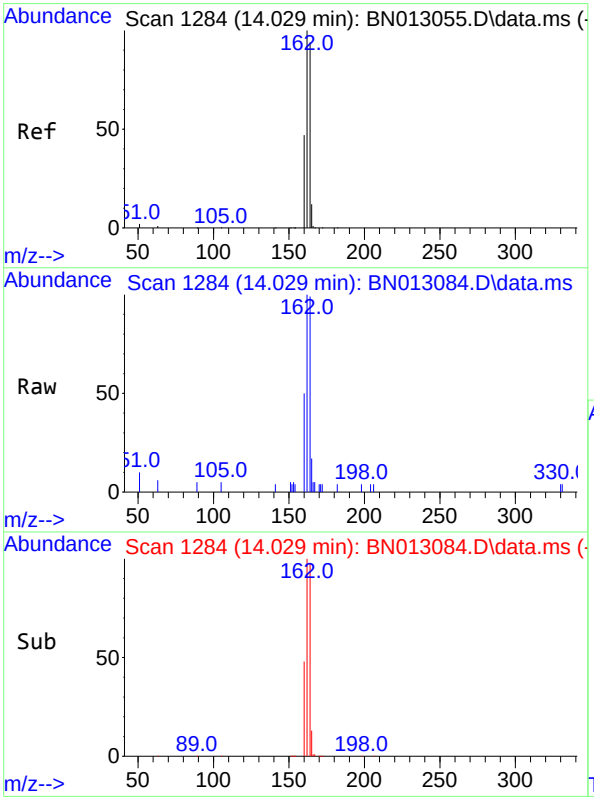


#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:152 Resp: 1457

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1

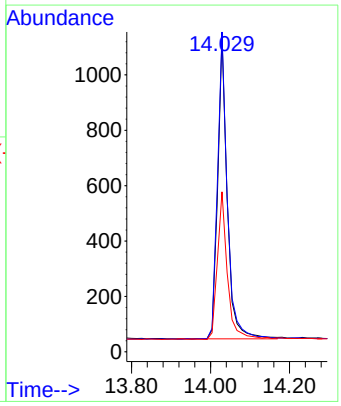




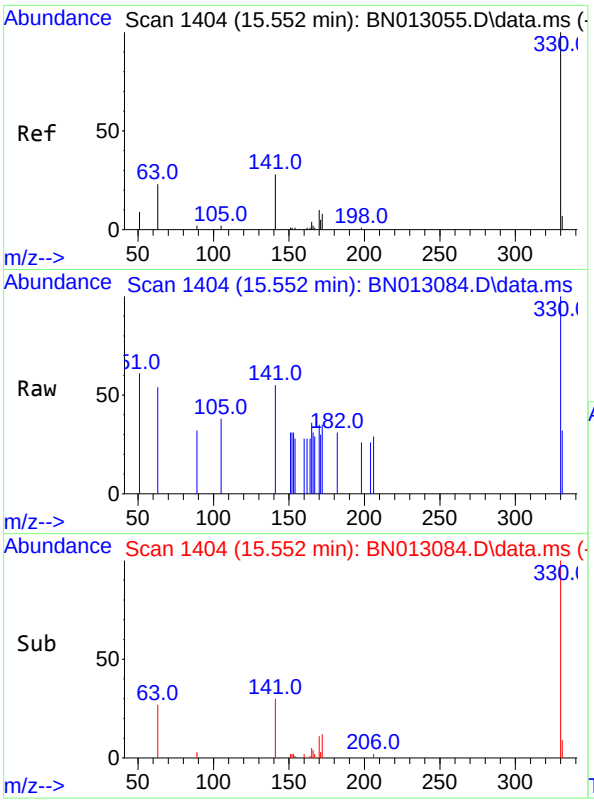
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:164 Resp: 1830

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	50.7	39.5	59.3



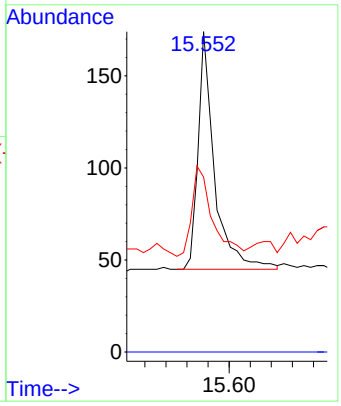
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

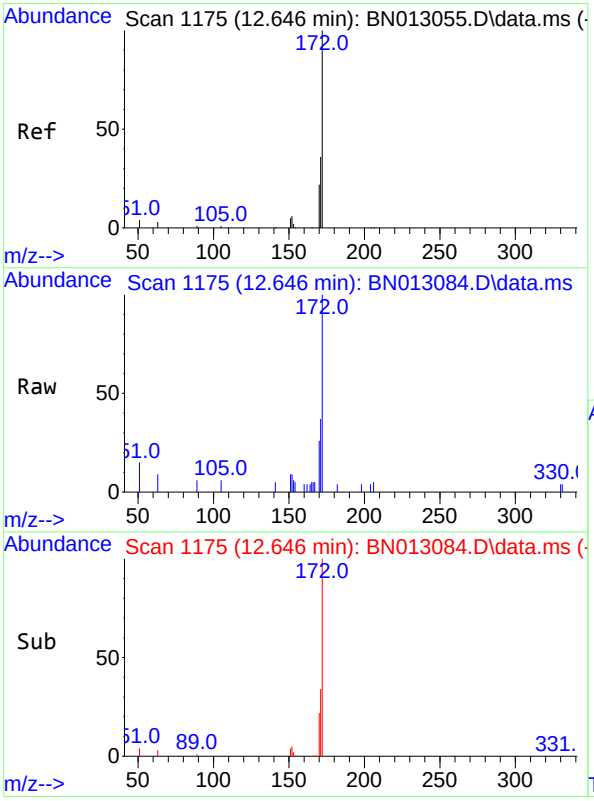


#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:330 Resp: 279

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.3	34.4	51.6

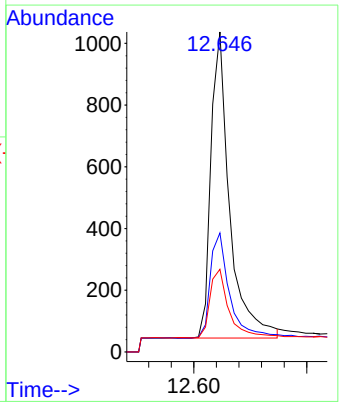




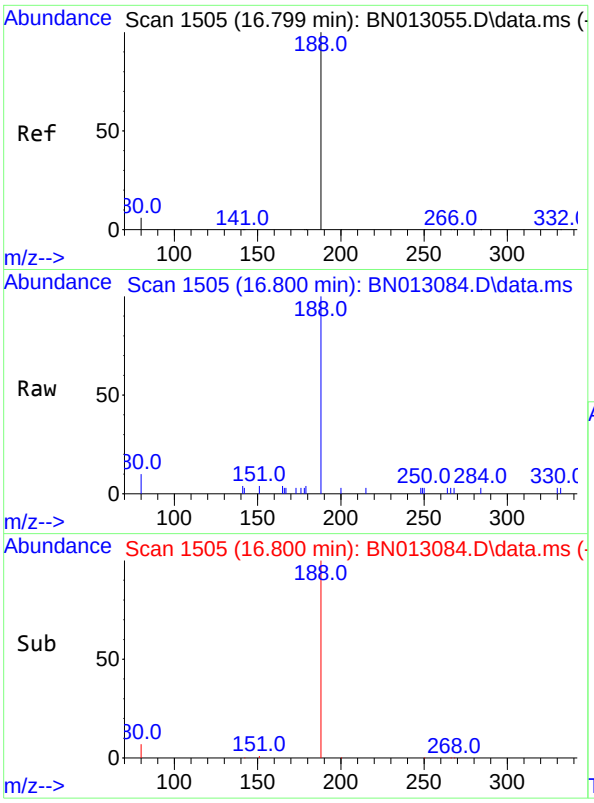
#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:172 Resp: 2286

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.2	42.4
170	25.8	20.0	30.0



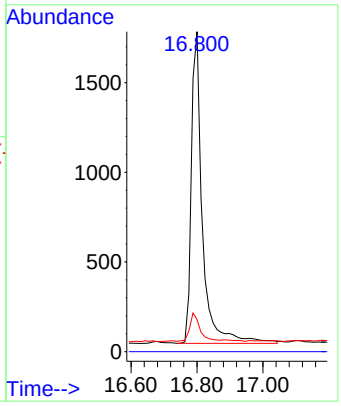
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

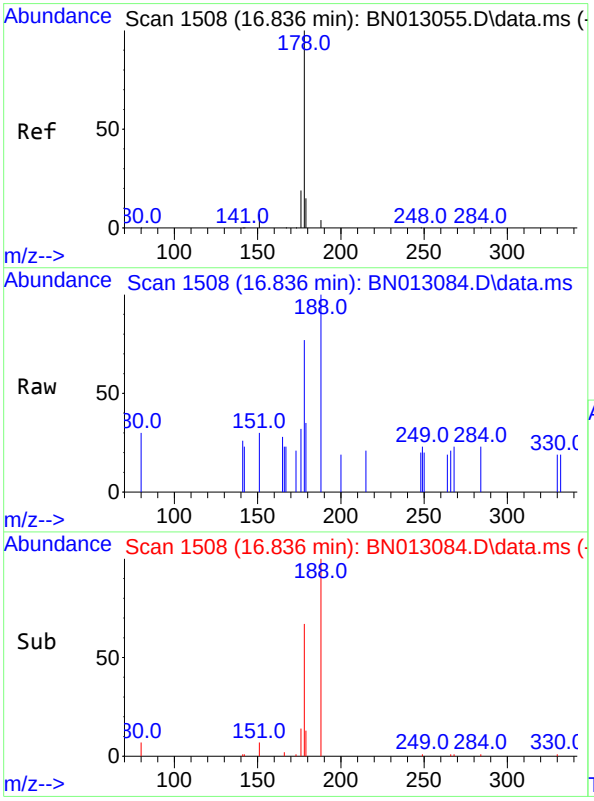


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:188 Resp: 4026

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	5.0	7.4#

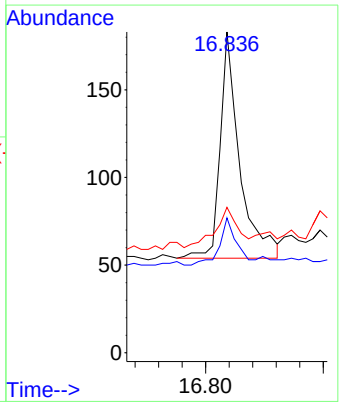




#25
Phenanthrene
Concen: 0.02 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:178 Resp: 297

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	20.5	12.4	18.6#



Instrument :
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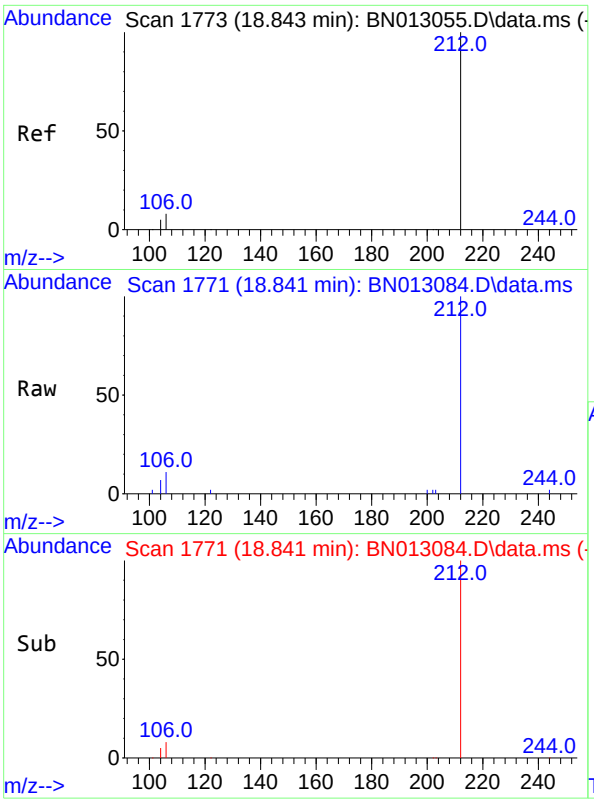
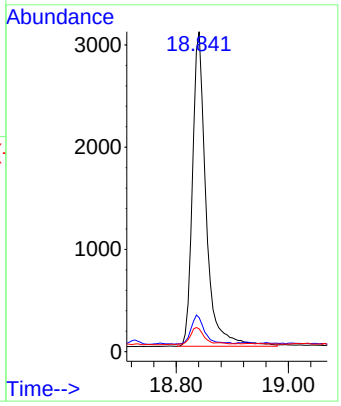
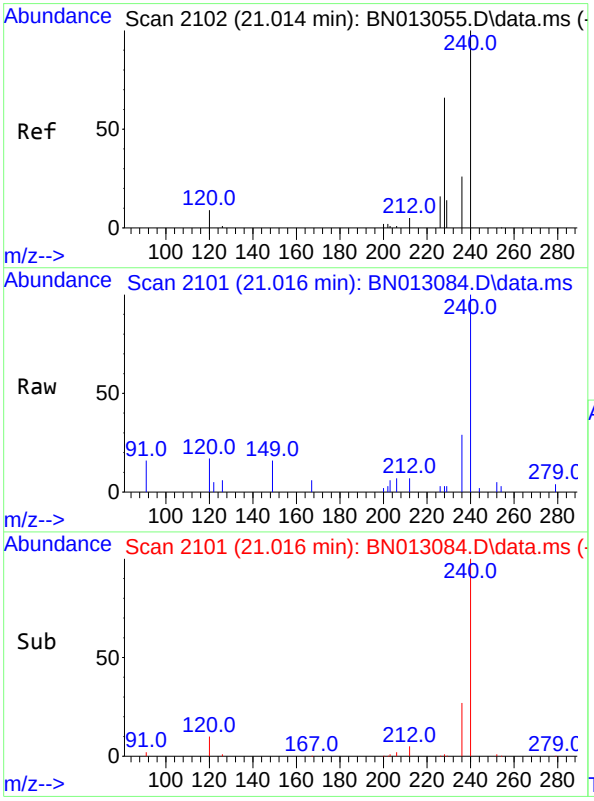


#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.841 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:212 Resp: 5155

Ion	Ratio	Lower	Upper
212	100		
106	9.3	6.8	10.2
104	5.6	4.1	6.1

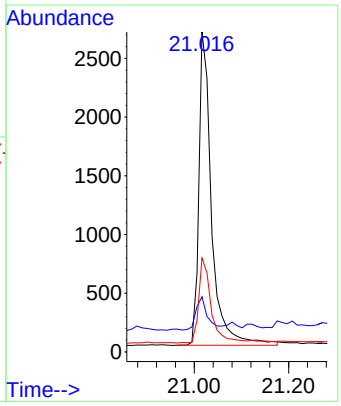


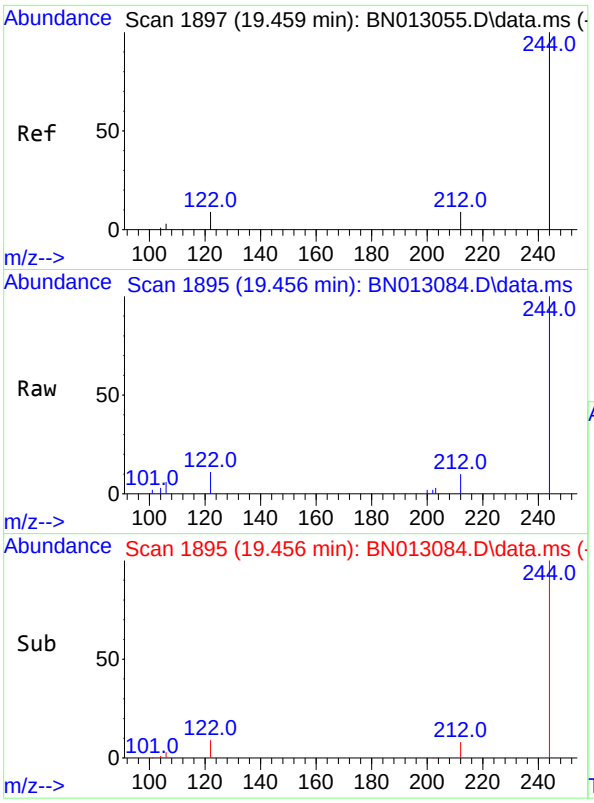


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:240 Resp: 4980

Ion	Ratio	Lower	Upper
240	100		
120	17.2	5.3	7.9#
236	29.4	21.8	32.8

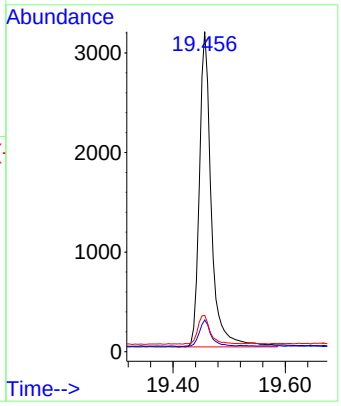




#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.456 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:244 Resp: 4658

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.3	10.9
122	11.4	7.3	10.9#



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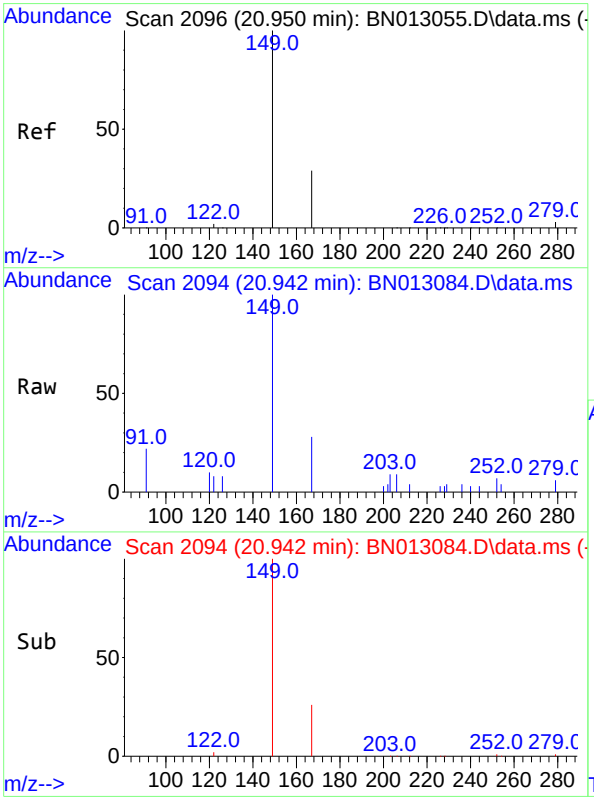
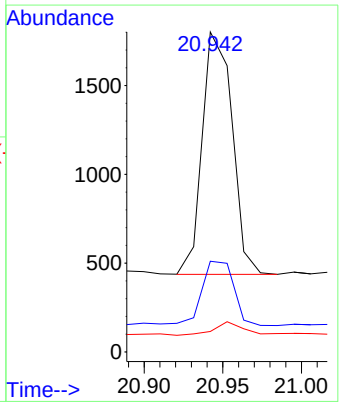
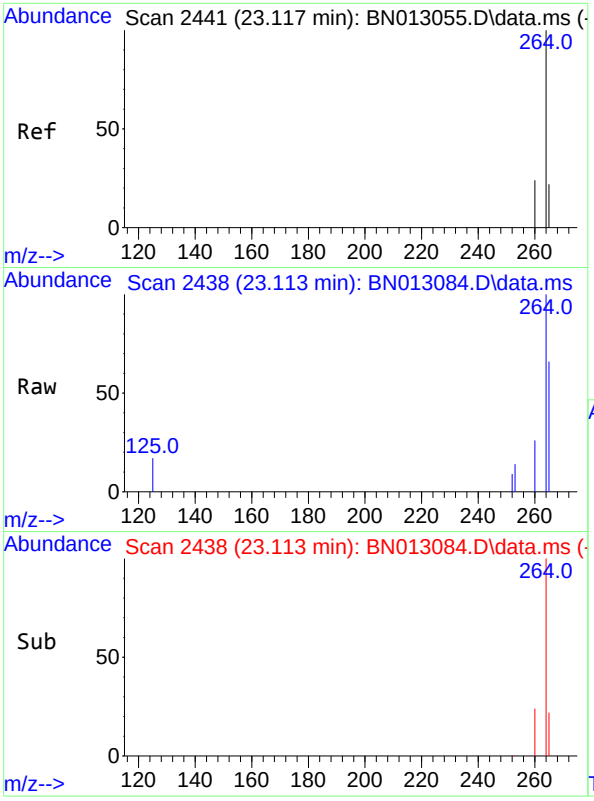


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:149 Resp: 1806

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.2	34.8
279	5.3	3.9	5.9

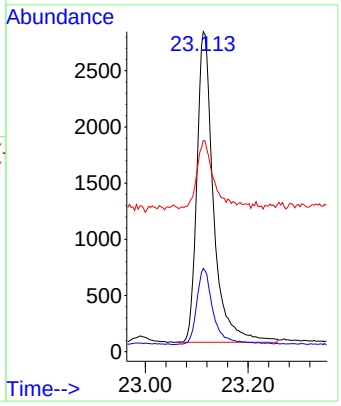




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.113 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:264 Resp: 6173

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.6
265	66.0	51.4	77.0



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