Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF121999.D
Acq On : 15 Oct 2020 19:19
Operator : JU/CG
Sample : L4406-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-101420-B

Quant Time: Oct 16 01:08:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	103044	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	394277	20.00	ng	0.00
39) Acenaphthene-d10	9.775	164	191553	20.00	ng	0.00
64) Phenanthrene-d10	11.263	188	320452	20.00	ng	0.00
76) Chrysene-d12	13.904	240	201185	20.00	ng	0.00
86) Perylene-d12	15.339	264	231196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	575427	82.42	ng	0.00
7) Phenol-d6	6.387	99	727957	81.00	ng	0.00
23) Nitrobenzene-d5	7.310	82	491326	63.91	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	113148	47.75	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	759464	58.34	ng	0.00
79) Terphenyl-d14	12.845	244	517872	49.06	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	889	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.310	70	64233	12.55	ng	# 79
25) Isophorone	7.310	82	491322	33.80	ng	# 67
50) Dimethylphthalate	9.498	163	87395	6.24	ng	98
51) 2,6-Dinitrotoluene	9.775	165	24844	8.09	ng	# 20
57) 2,4-Dinitrotoluene	9.775	165	24844	6.57	ng	# 19

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

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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QLast Update : Thu Oct 15 12:55:05 2020
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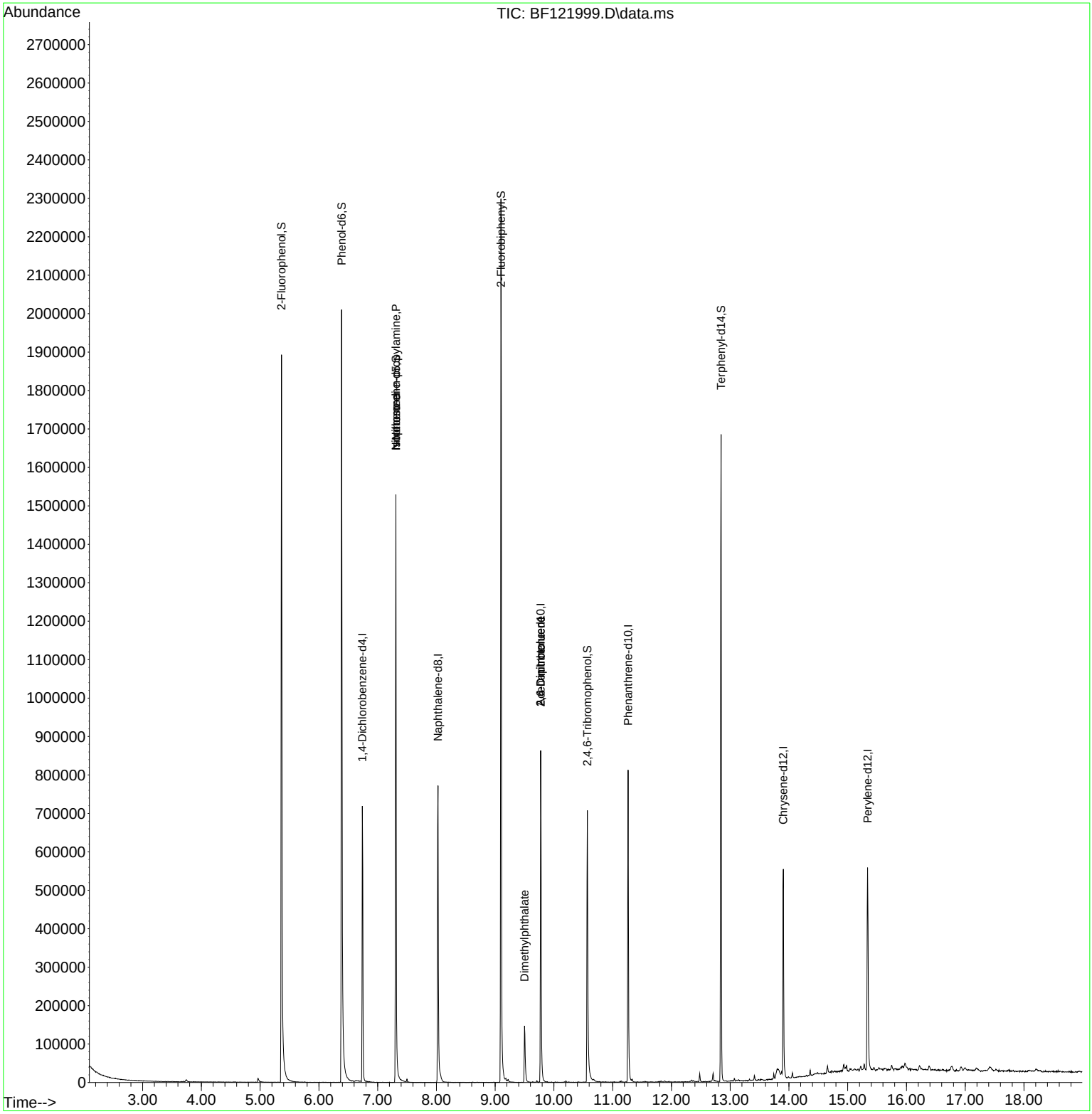
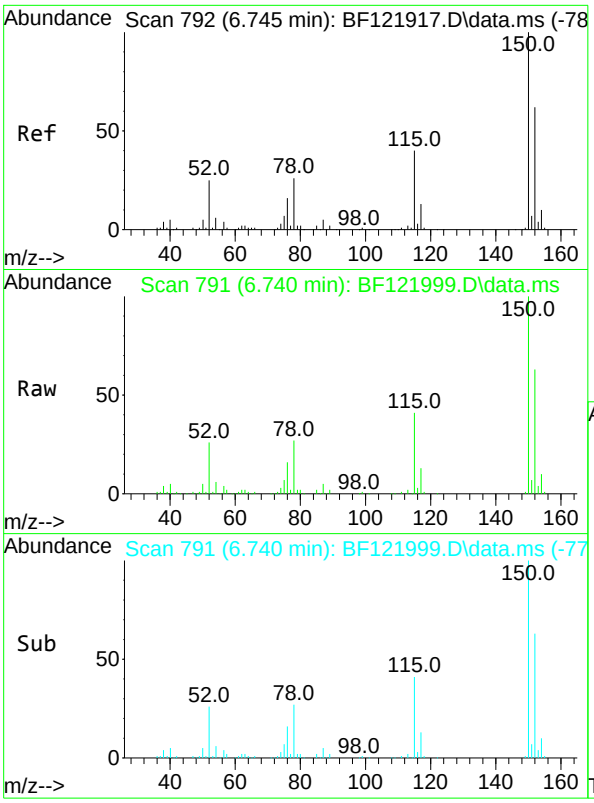


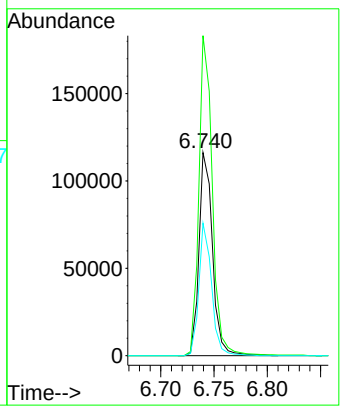
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

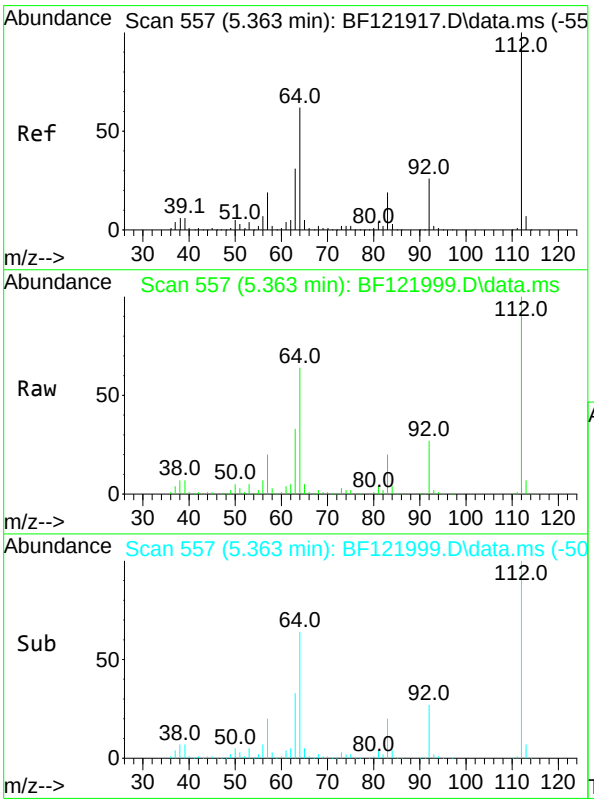


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:152 Resp: 103044

Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.3	187.9
115	65.2	51.9	77.9

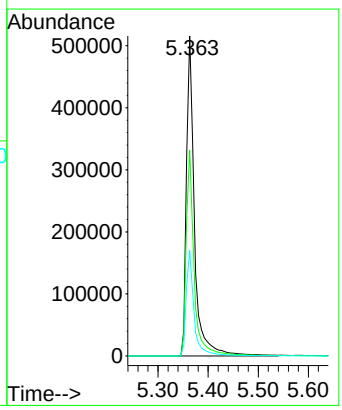




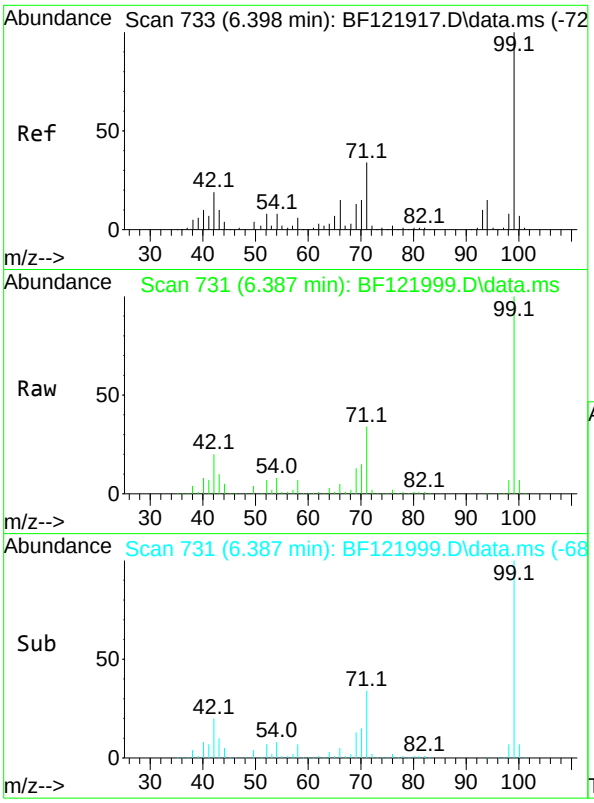
#5
2-Fluorophenol
Concen: 82.42 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:112 Resp: 575427

Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.4	75.6
63	33.0	25.8	38.6



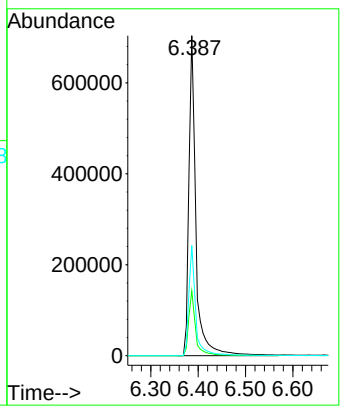
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

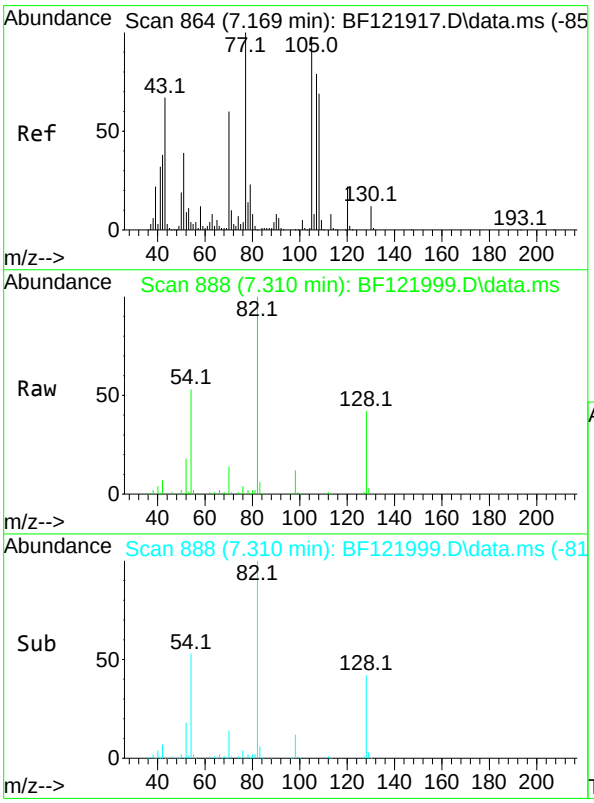


#7
Phenol-d6
Concen: 81.00 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion: 99 Resp: 727957

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.9	23.9
71	34.4	27.1	40.7

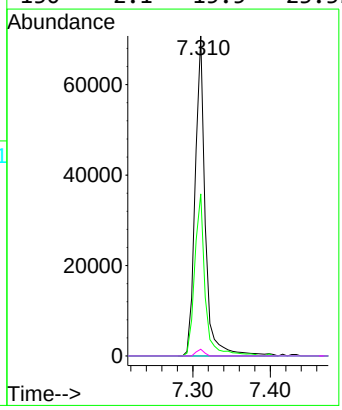




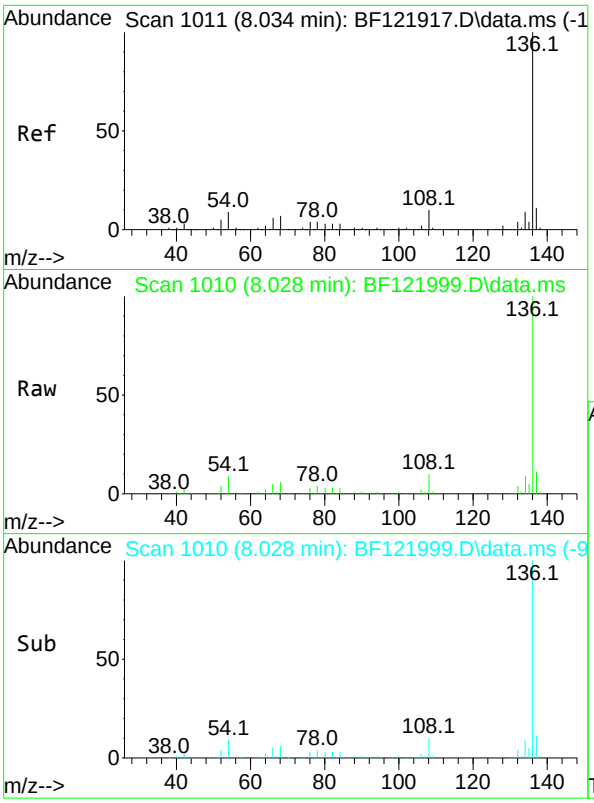
#19
n-Nitroso-di-n-propylamine
Concen: 12.55 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion: 70 Resp: 64233

Ion	Ratio	Lower	Upper
70	100		
42	50.6	50.2	75.4
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



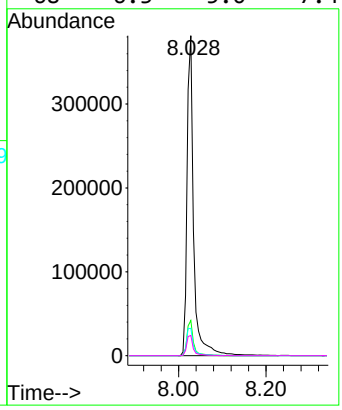
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

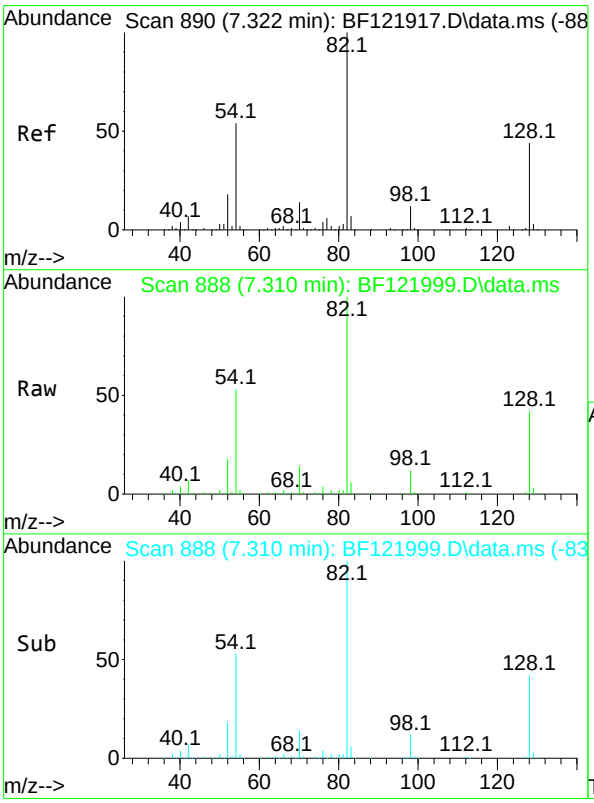


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:136 Resp: 394277

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.5	7.1	10.7
68	6.3	5.0	7.4

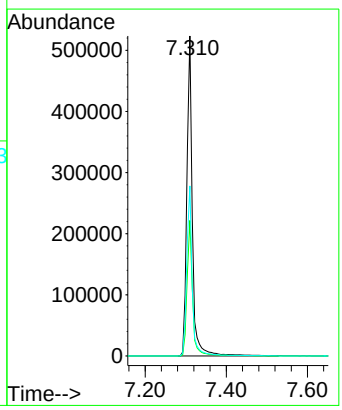




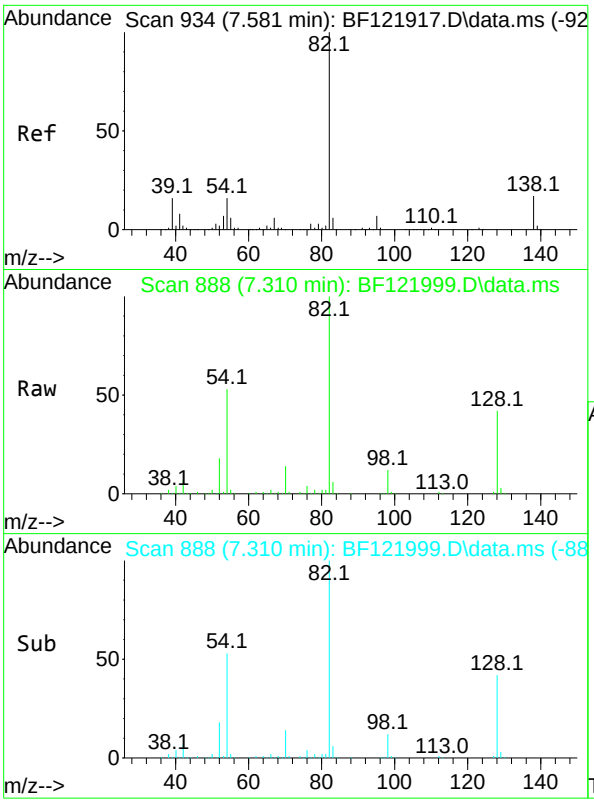
#23
Nitrobenzene-d5
Concen: 63.91 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion: 82 Resp: 491326

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.0	52.4
54	53.1	43.9	65.9



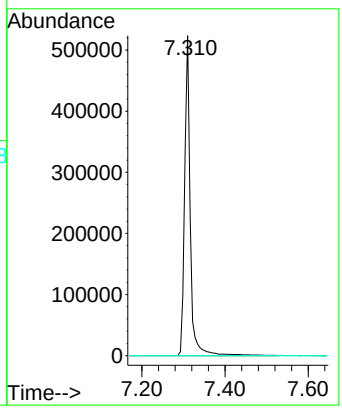
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

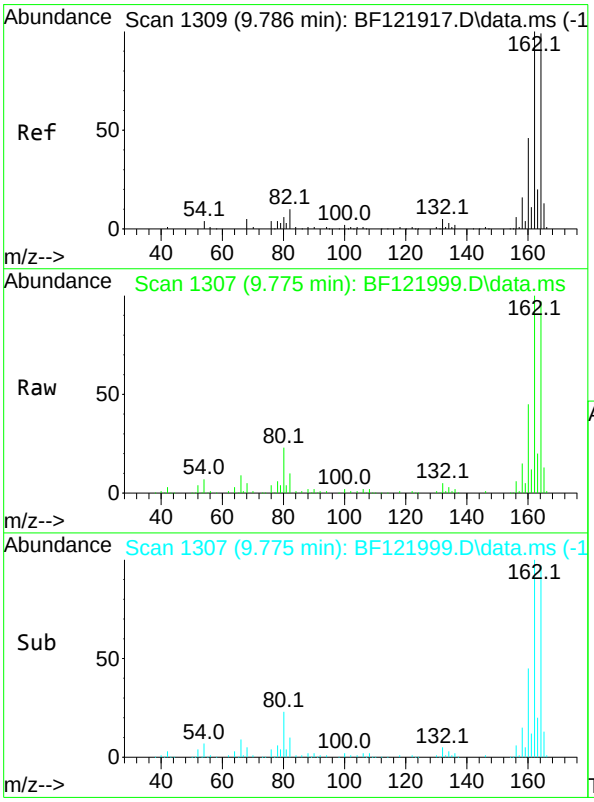


#25
Isophorone
Concen: 33.80 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.264 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion: 82 Resp: 491322

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

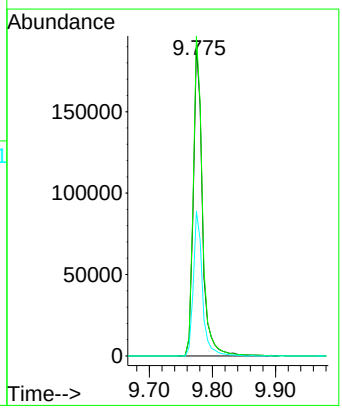




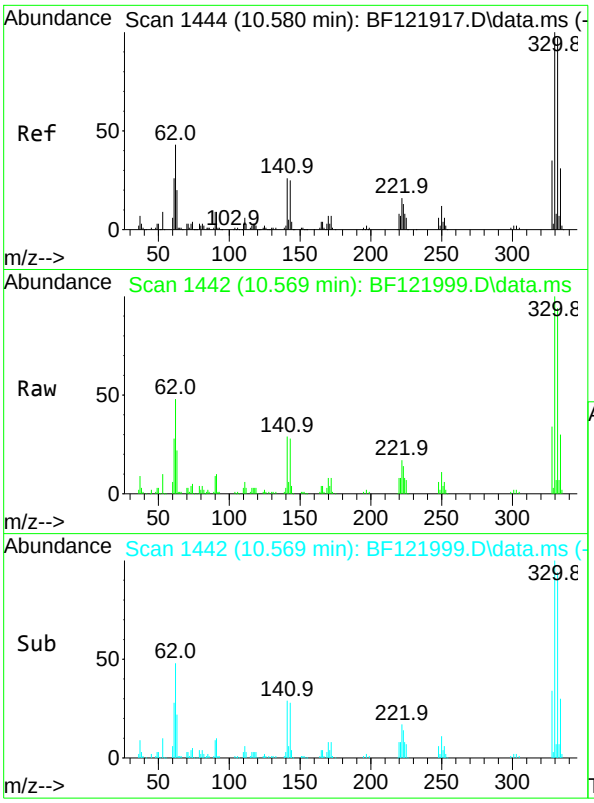
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:164 Resp: 191553

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.2	124.8
160	46.5	37.5	56.3



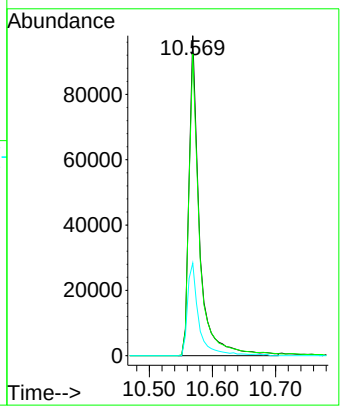
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

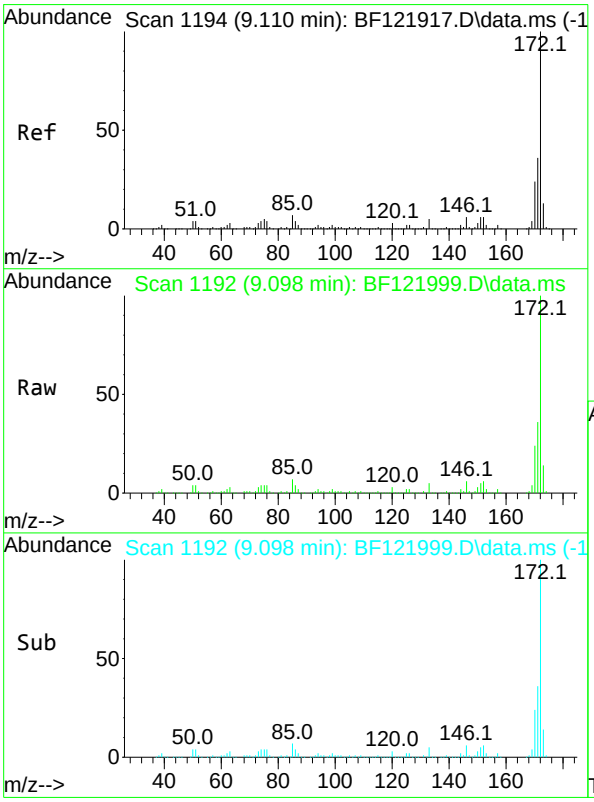


#42
2,4,6-Tribromophenol
Concen: 47.75 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:330 Resp: 113148

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	31.7	22.3	33.5

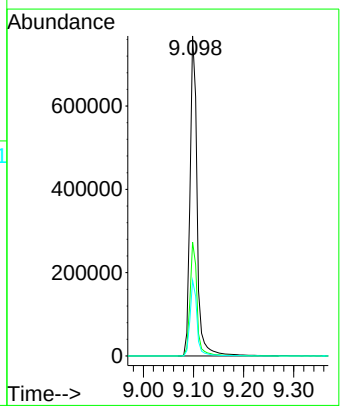




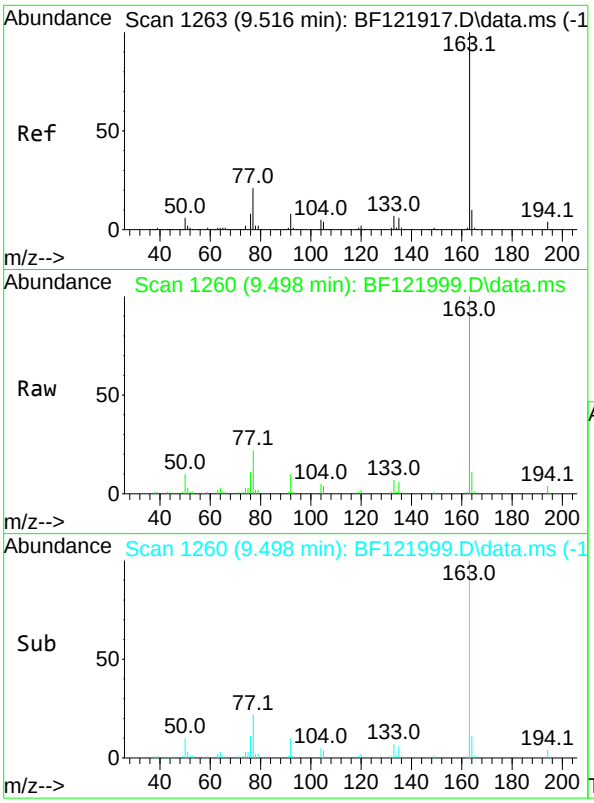
#45
2-Fluorobiphenyl
Concen: 58.34 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:172 Resp: 759464

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.1	43.7
170	23.6	19.8	29.6



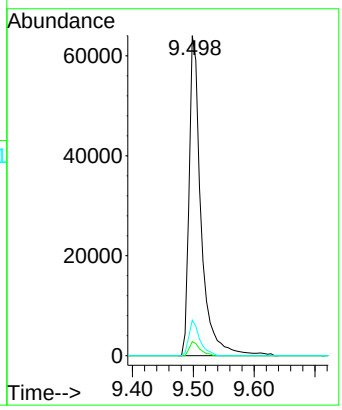
Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B

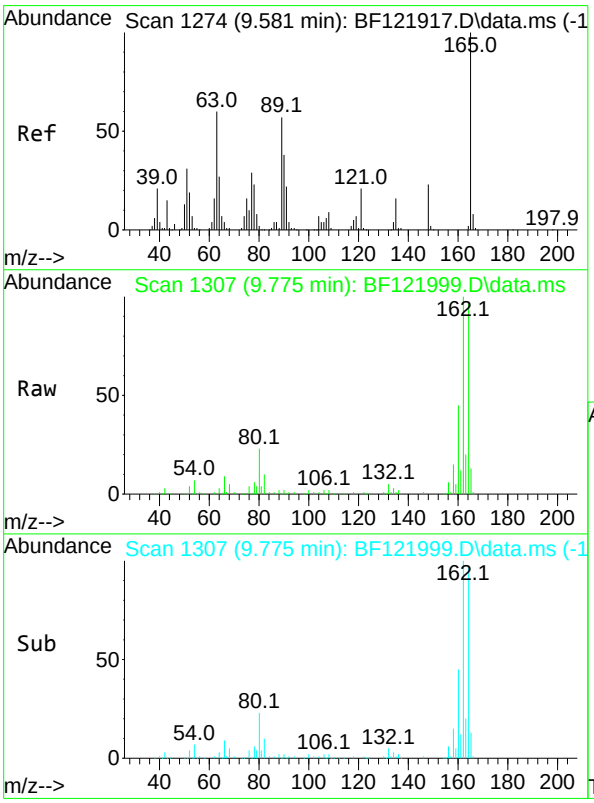


#50
Dimethylphthalate
Concen: 6.24 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:163 Resp: 87395

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	11.1	8.2	12.4

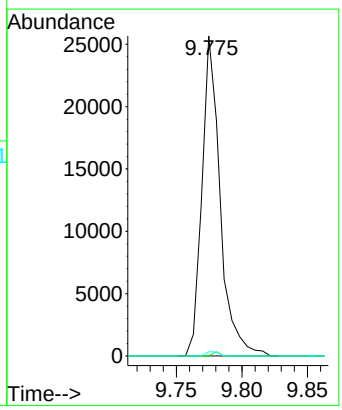




#51
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:165 Resp: 24844

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	1.3	49.0	73.6#



Instrument :
BNA_F
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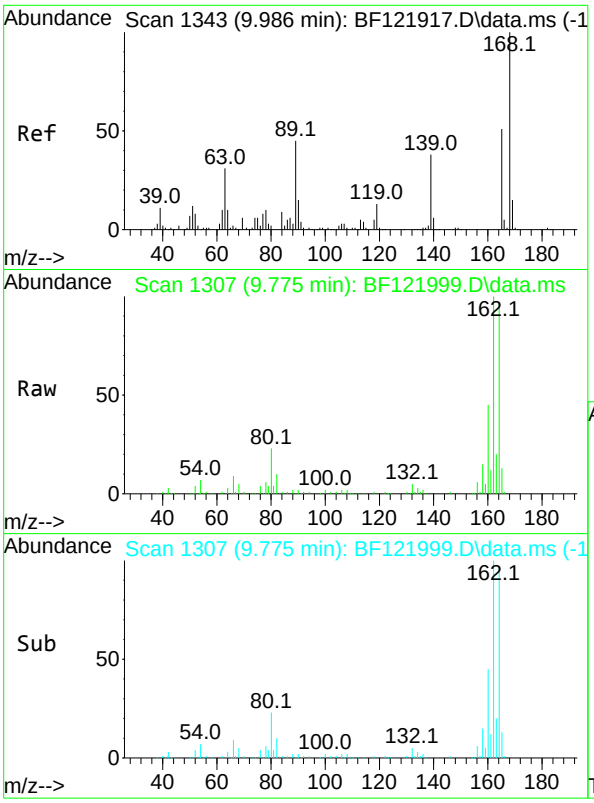
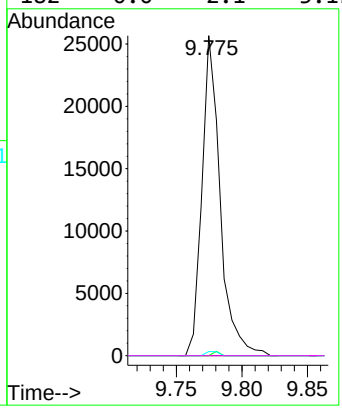
JC-02-101420-B

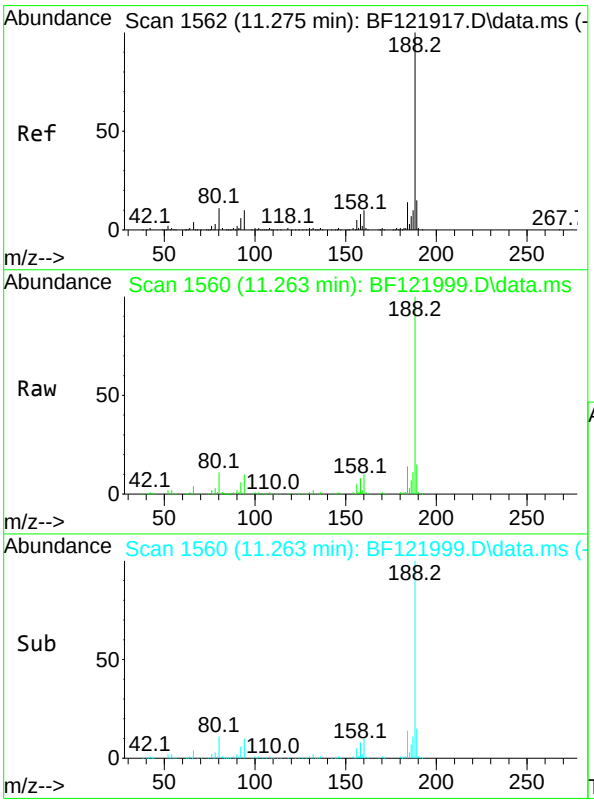


#57
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:165 Resp: 24844

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.3	61.9#
89	1.3	61.8	92.8#
182	0.0	2.1	3.1#

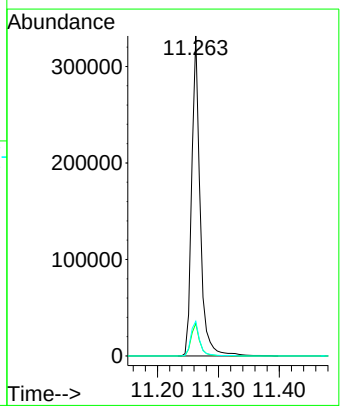


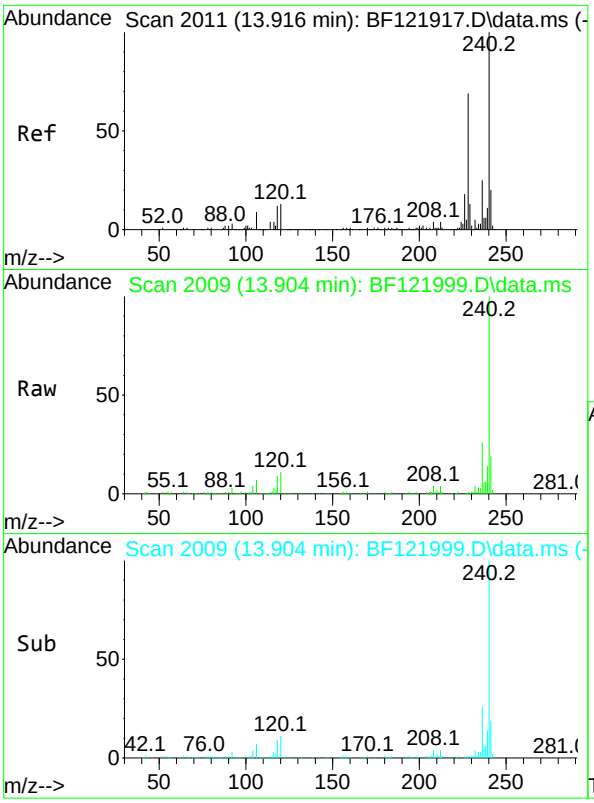


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:188 Resp: 320452

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.3	12.5
80	10.9	9.1	13.7

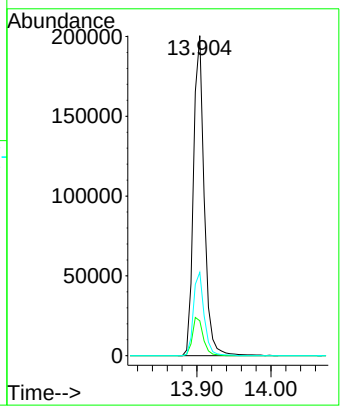




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:240 Resp: 201185

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.2	13.8
236	26.1	20.9	31.3



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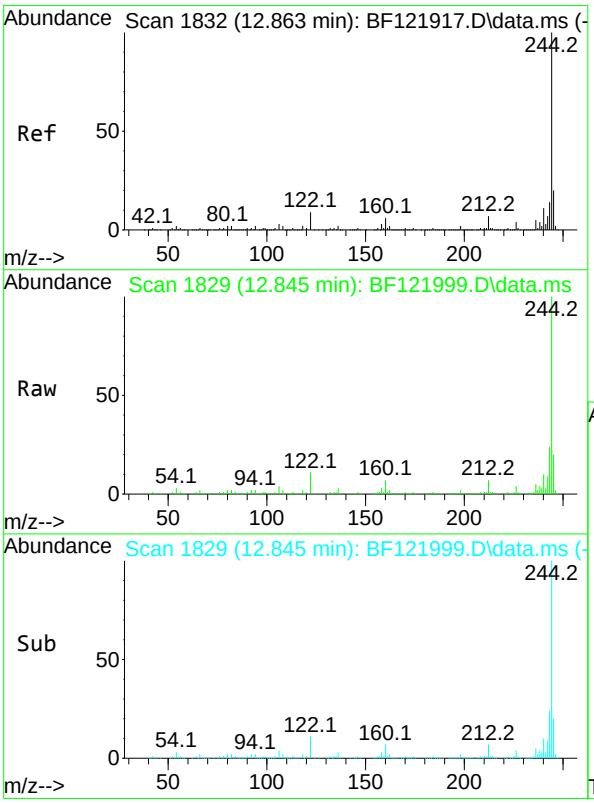
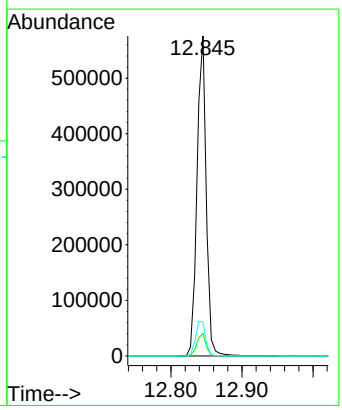
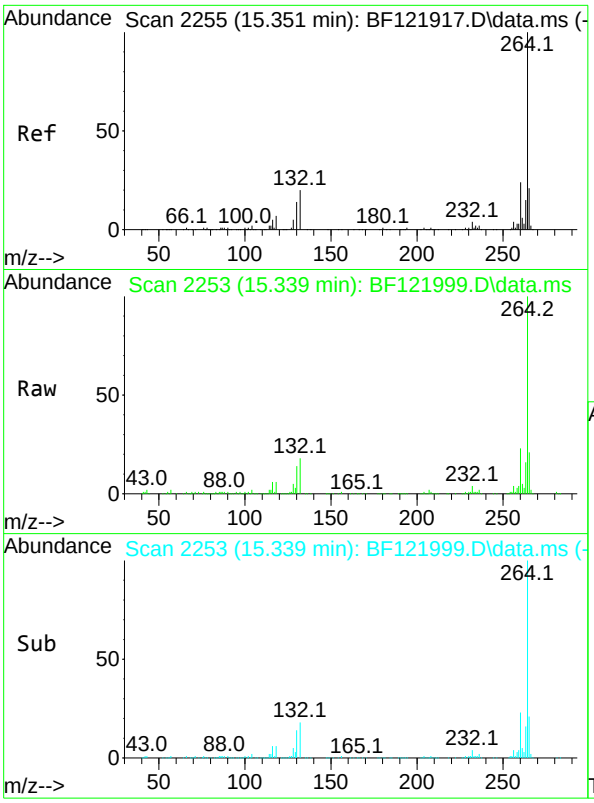


#79
Terphenyl-d14
Concen: 49.06 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:244 Resp: 517872

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	10.5	8.1	12.1

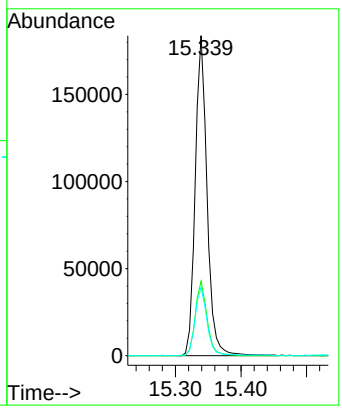




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF121999.D
Acq: 15 Oct 2020 19:19

Tgt Ion:264 Resp: 231196

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	17.3	25.9



Instrument :
BNA_F
ClientSampleId :
JC-02-101420-B