Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111022.D
Acq On : 27 Nov 2018 21:00
Operator : JU/SJ
Sample : J6003-03DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Manual Integrations APPROVED
mohammad
11/28/2018 4:56:52 PM

Quant Time: Nov 28 02:58:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	51529	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	187319	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	78789	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	151333	20.00	ng		0.00
76) Chrysene-d12	14.14	240	124758	20.00	ng		0.00
87) Perylene-d12	15.67	264	78796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	81242	26.15	ng		0.01
7) Phenol-d6	6.57	99	105911	26.16	ng		0.00
23) Nitrobenzene-d5	7.51	82	51139	15.62	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	18125	23.16	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	101098	18.59	ng		0.00
79) Terphenyl-d14	13.06	244	115410	18.01	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	8.94	142	383474	66.119	ng		100
38) 1-Methylnaphthalene	9.04	142	249304m	44.193	ng		
58) Fluorene	10.54	166	35226	6.464	ng	#	70
71) Phenanthrene	11.50	178	106517	13.290	ng		96

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

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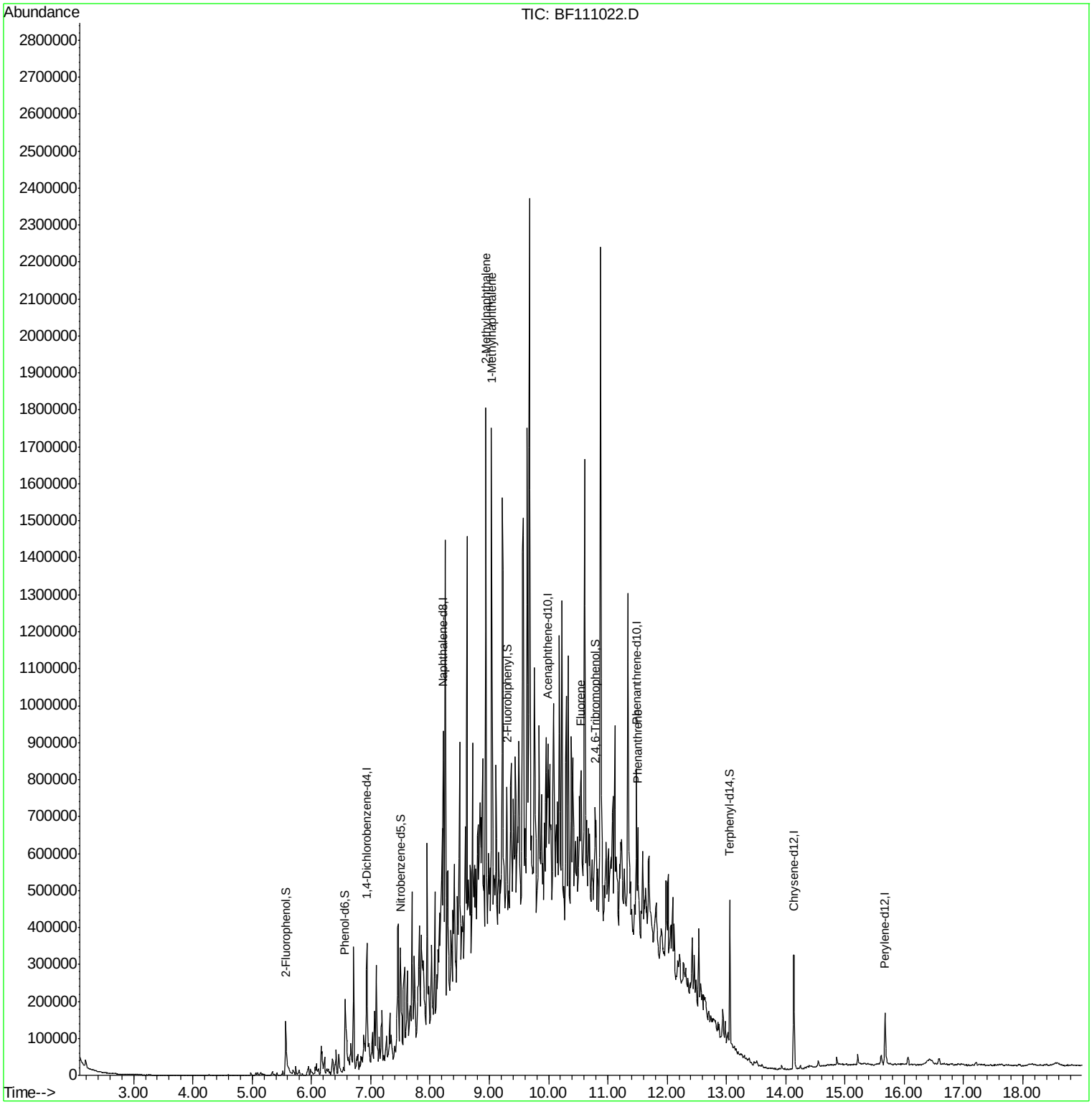
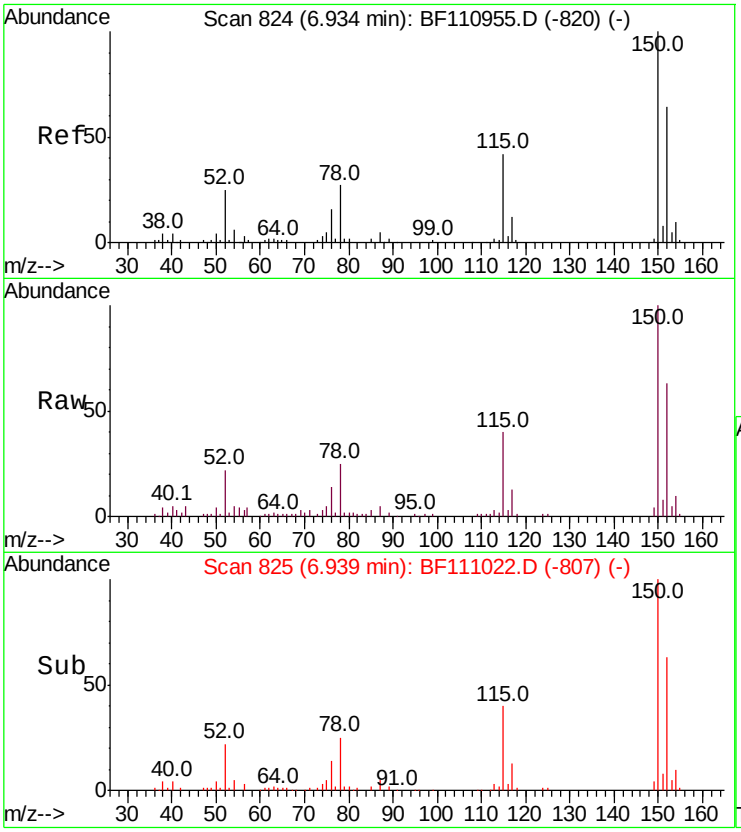
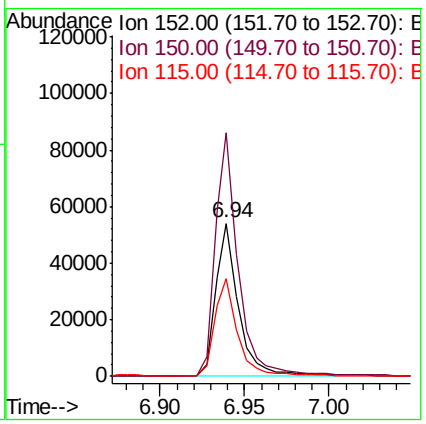




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:152 Resp: 51529

Ion	Ratio	Lower	Upper
152	100		
150	158.9	122.7	184.1
115	63.3	49.1	73.7



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

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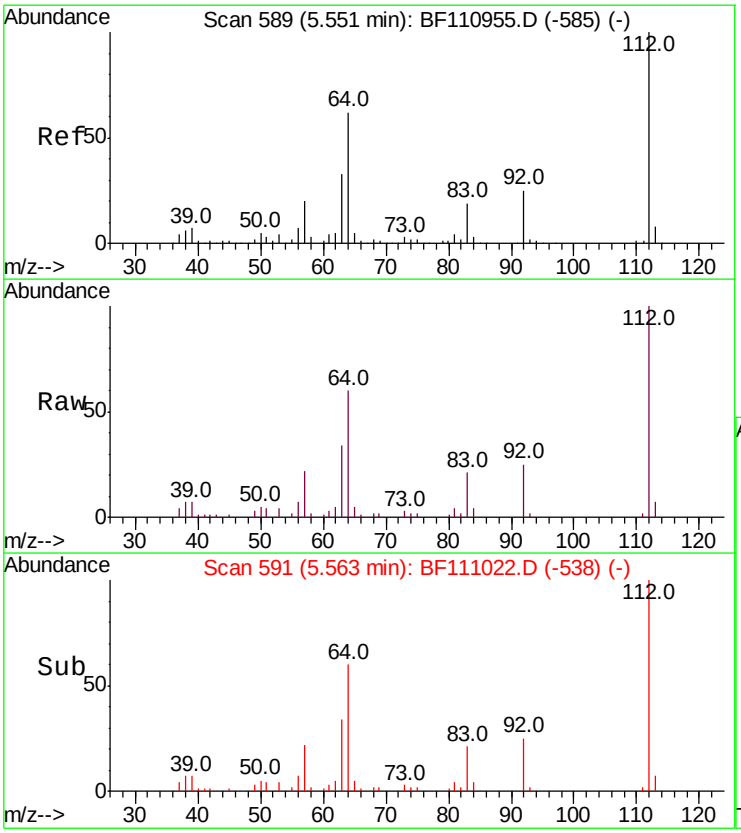
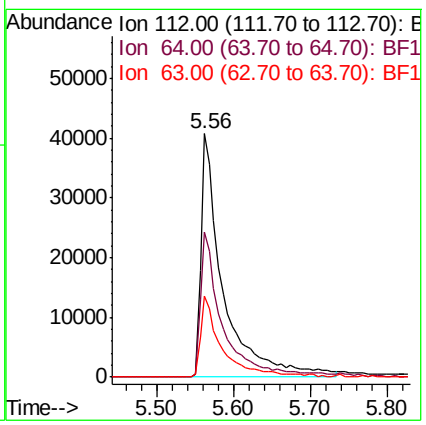
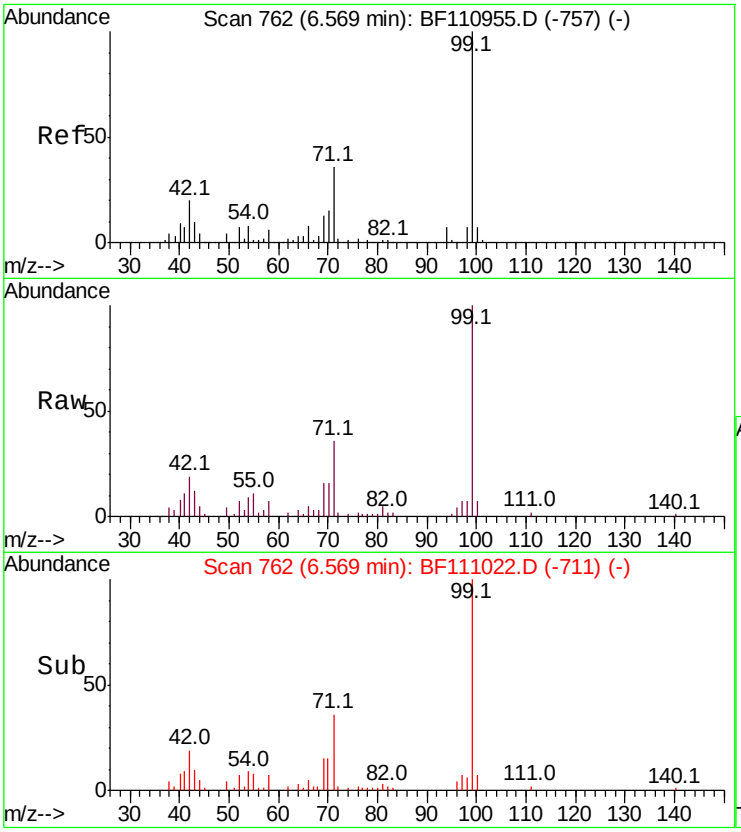


#5
2-Fluorophenol
Concen: 26.145 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:112 Resp: 81242

Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	33.5	23.7	35.5

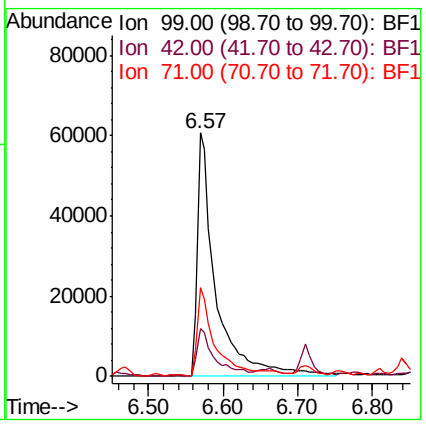




#7
Phenol-d6
Concen: 26.155 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion: 99 Resp: 105911

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.6
71	36.2	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

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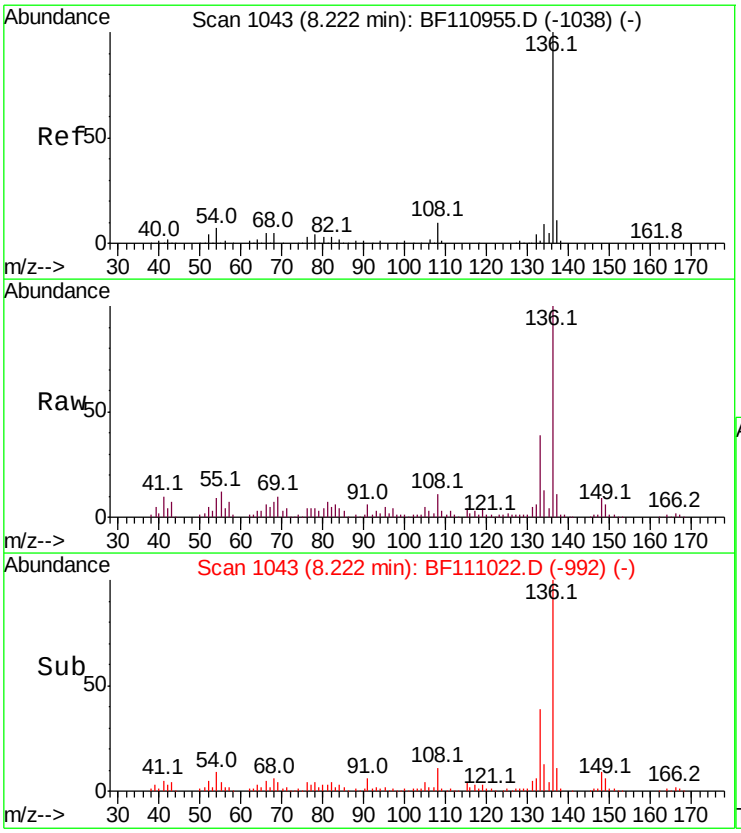
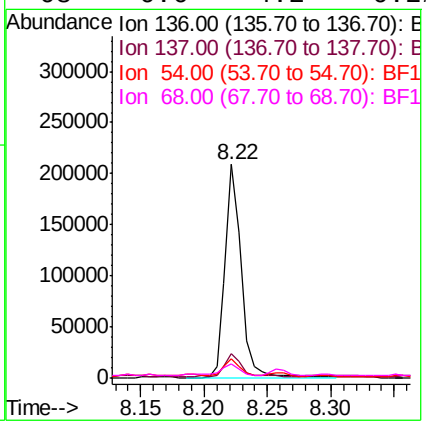
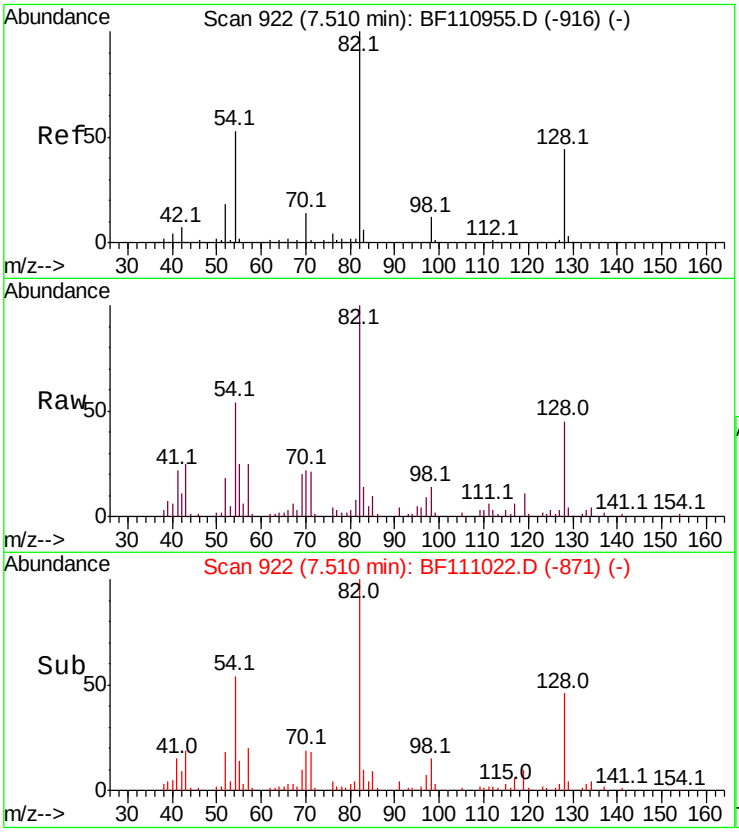


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:136 Resp: 187319

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.2	5.4	8.2#
68	6.6	4.2	6.2#

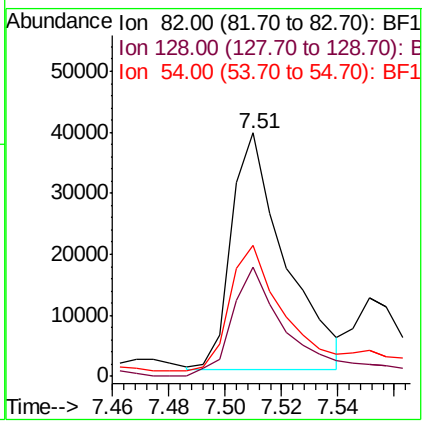




#23
Nitrobenzene-d5
Concen: 15.624 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion: 82 Resp: 51139

Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.2	51.2
54	53.6	38.6	58.0



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Manual Integrations APPROVED
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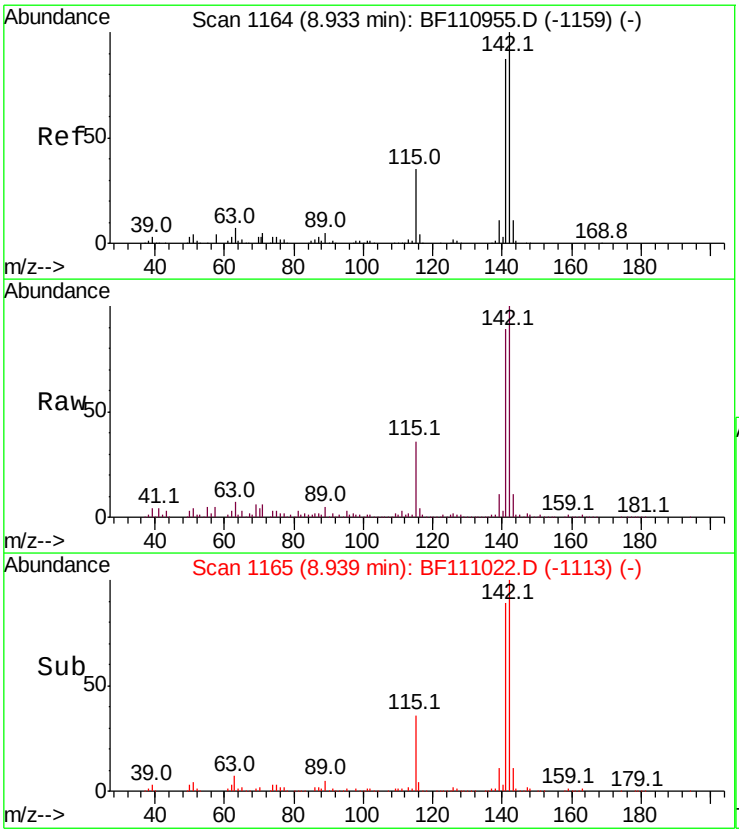
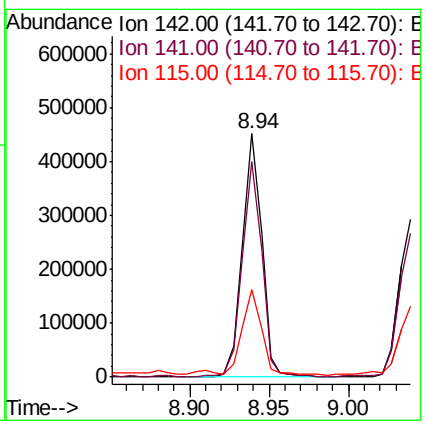
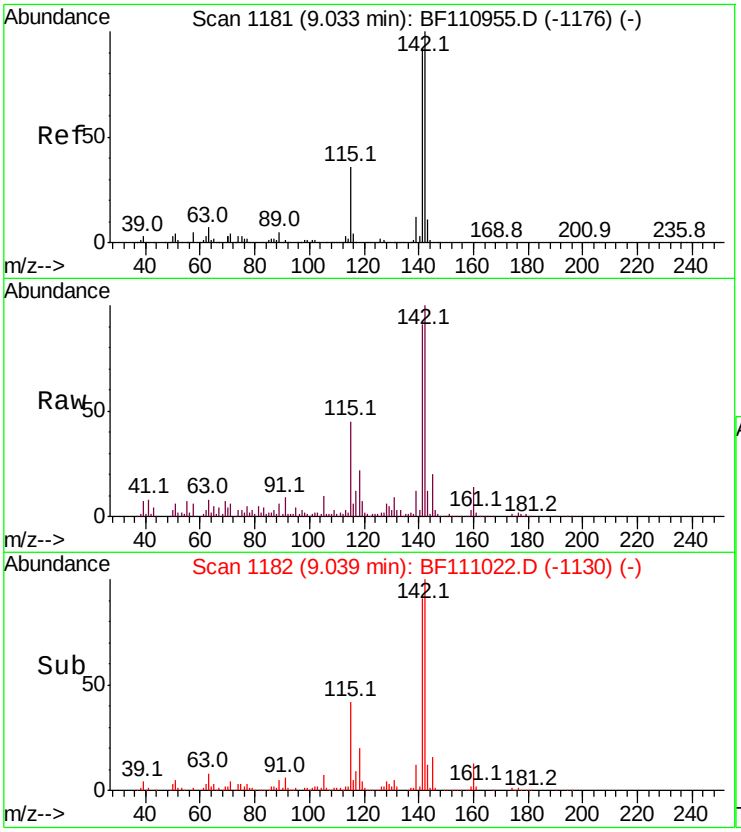


#37
2-Methylnaphthalene
Concen: 66.119 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:142 Resp: 383474

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	35.9	28.7	43.1

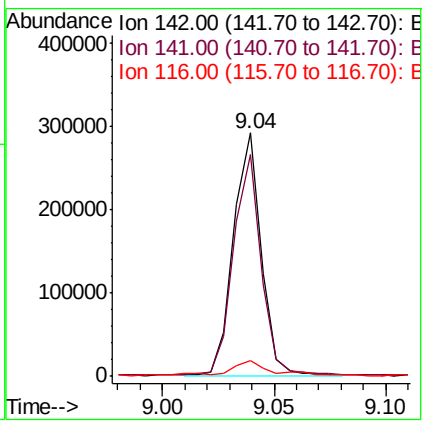




#38
1-Methylnaphthalene
Concen: 44.193 ng m
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:142 Resp: 249304

Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.2	111.4
116	6.3	2.6	4.0#



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

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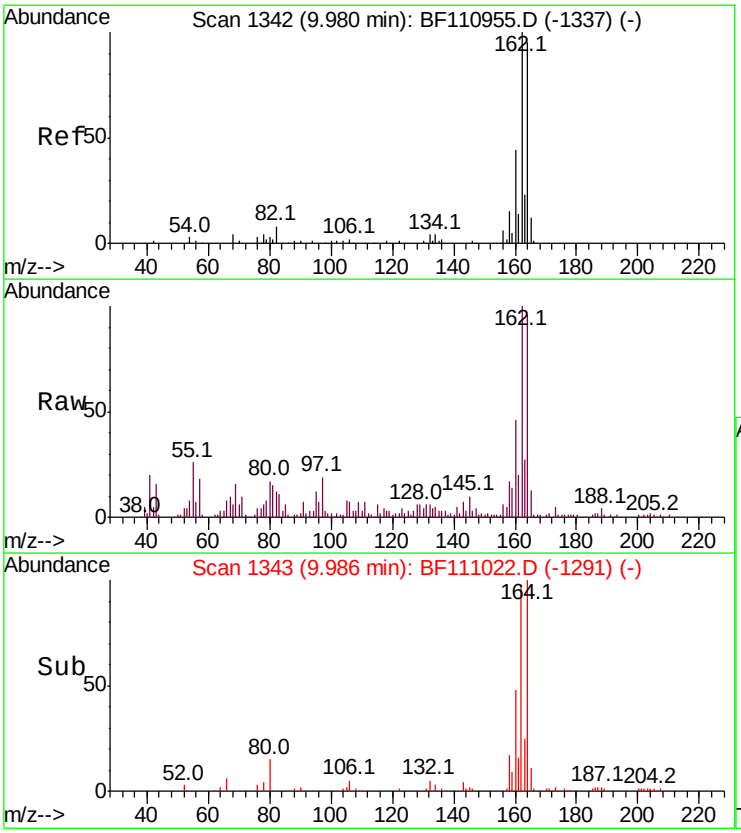
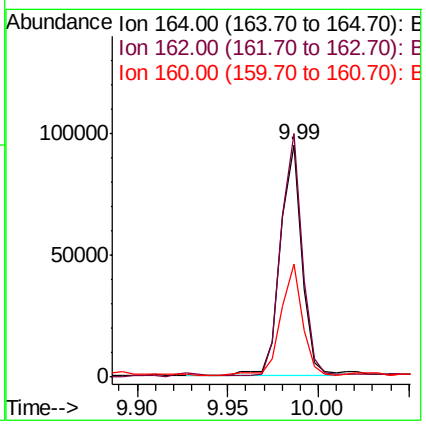
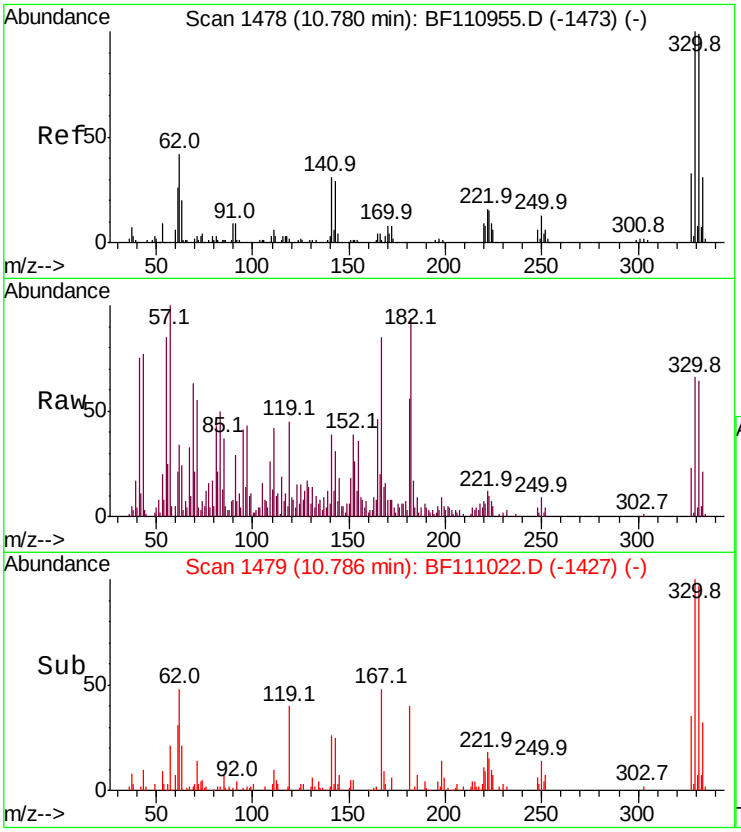


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:164 Resp: 78789

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	48.3	37.0	55.6





#42
2,4,6-Tribromophenol
Concen: 23.163 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:330 Resp: 18125

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	64.7	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Manual Integrations APPROVED
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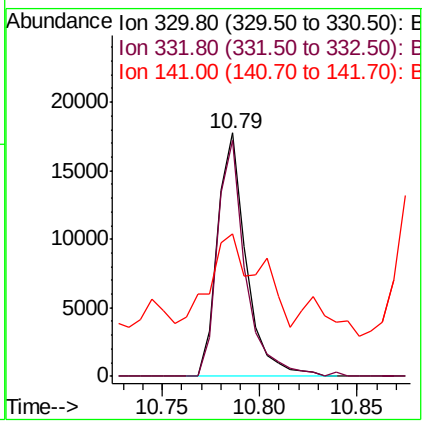
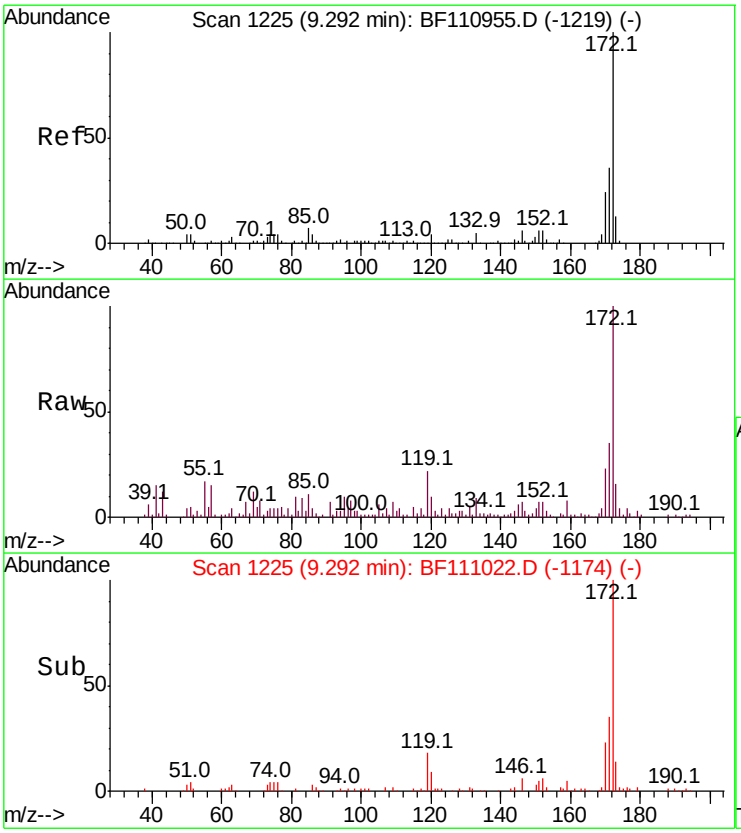
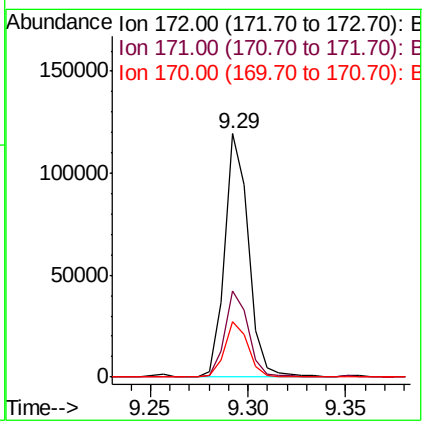


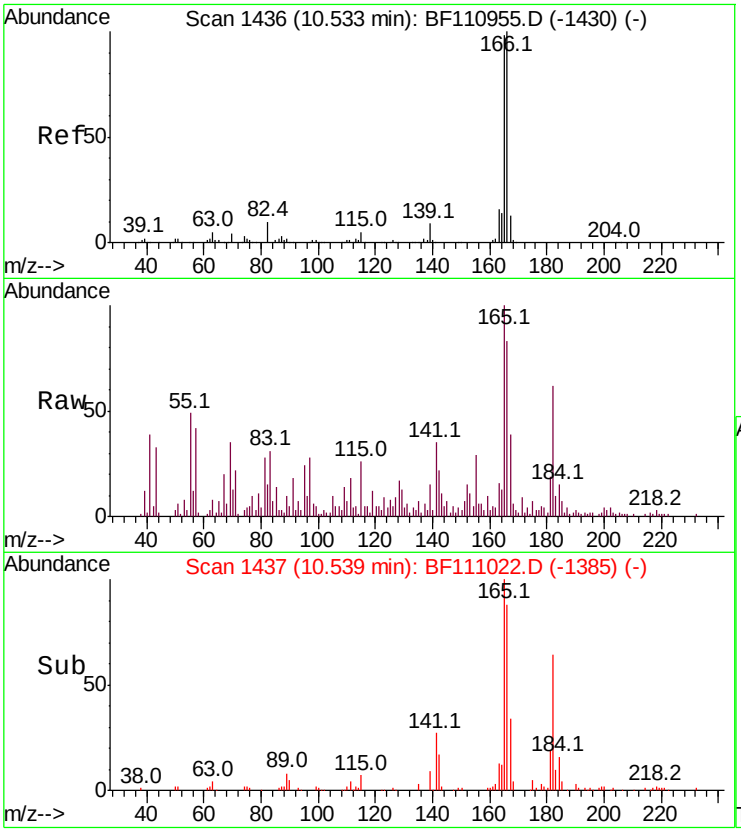


#45
2-Fluorobiphenyl
Concen: 18.590 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:172 Resp: 101098

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.0	19.7	29.5





#58
Fluorene
Concen: 6.464 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:166 Resp: 35226

Ion	Ratio	Lower	Upper
166	100		
165	120.4	78.6	117.8#
167	46.7	10.8	16.2#

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

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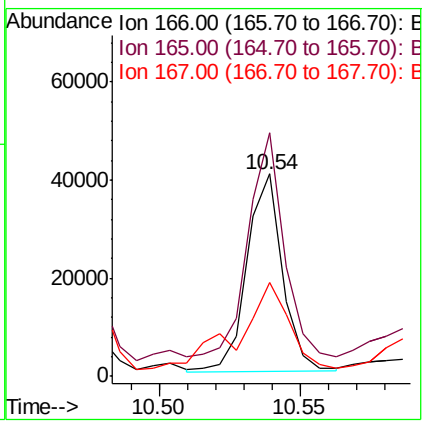
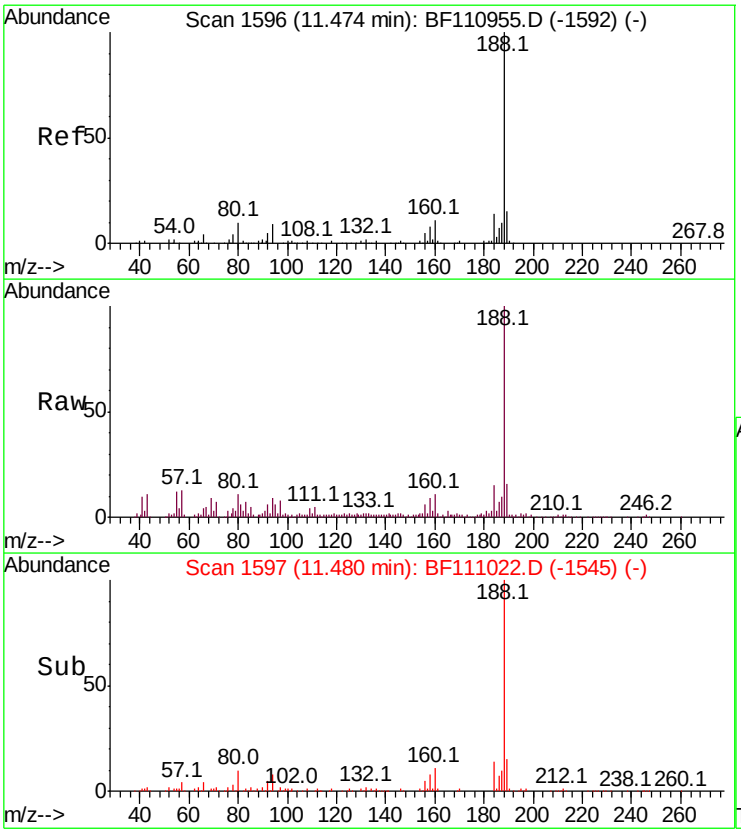
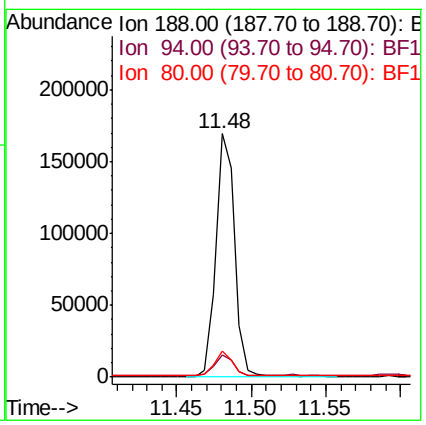


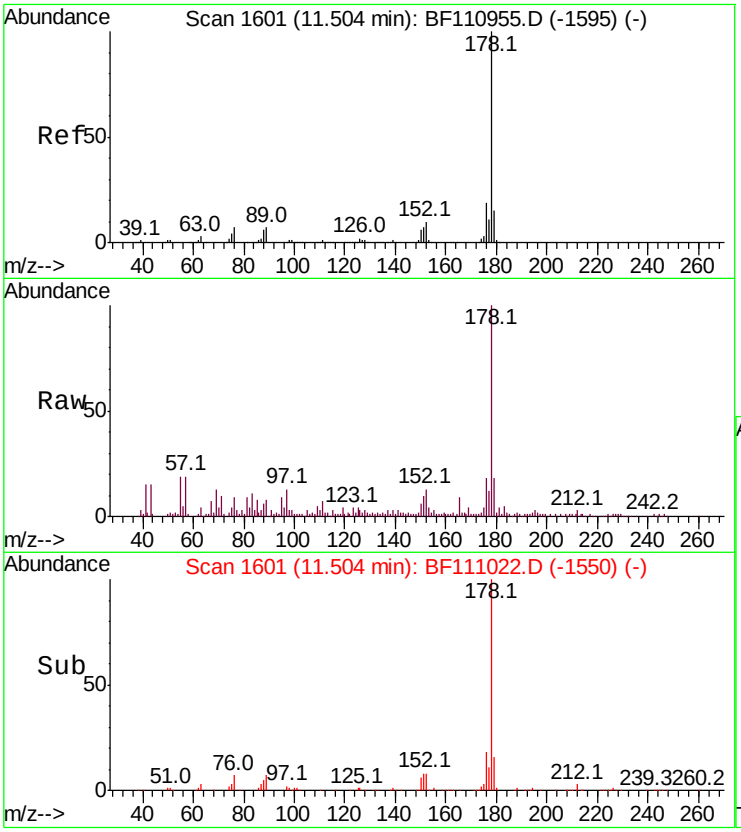


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:188 Resp: 151333

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.8	7.9	11.9

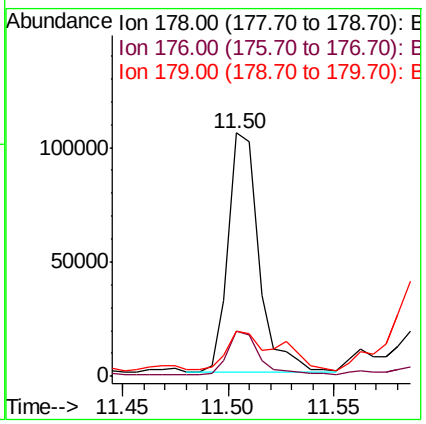




#71
Phenanthrene
Concen: 13.290 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:178 Resp: 106517

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	18.4	12.5	18.7



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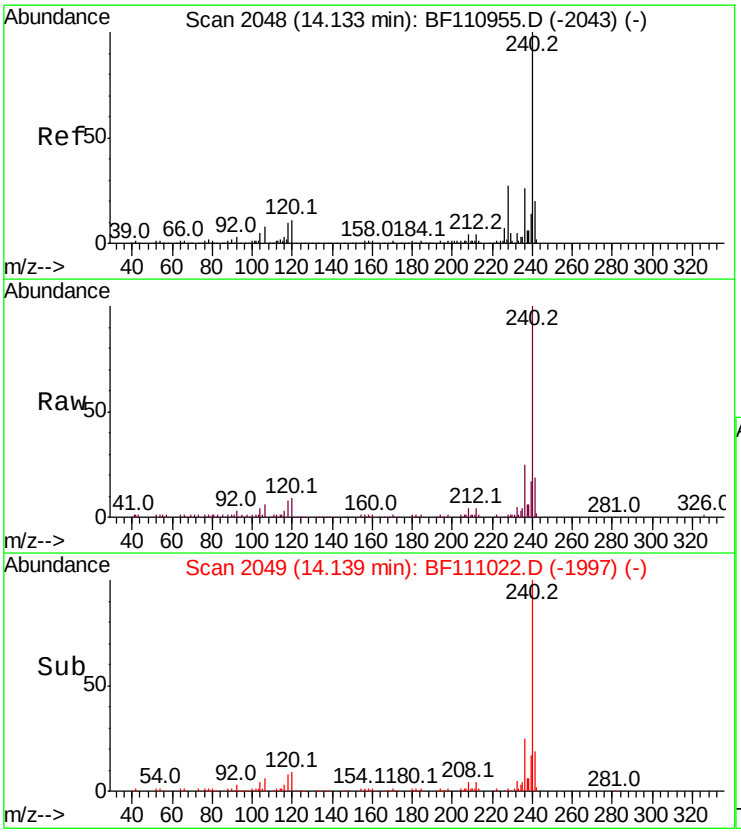
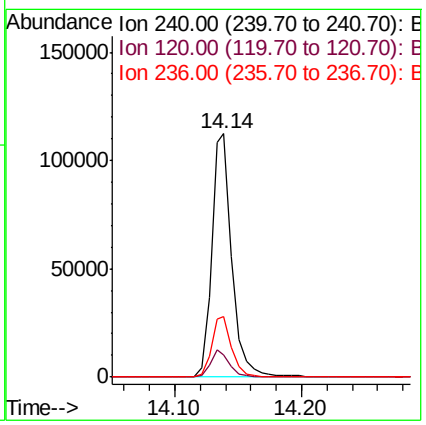
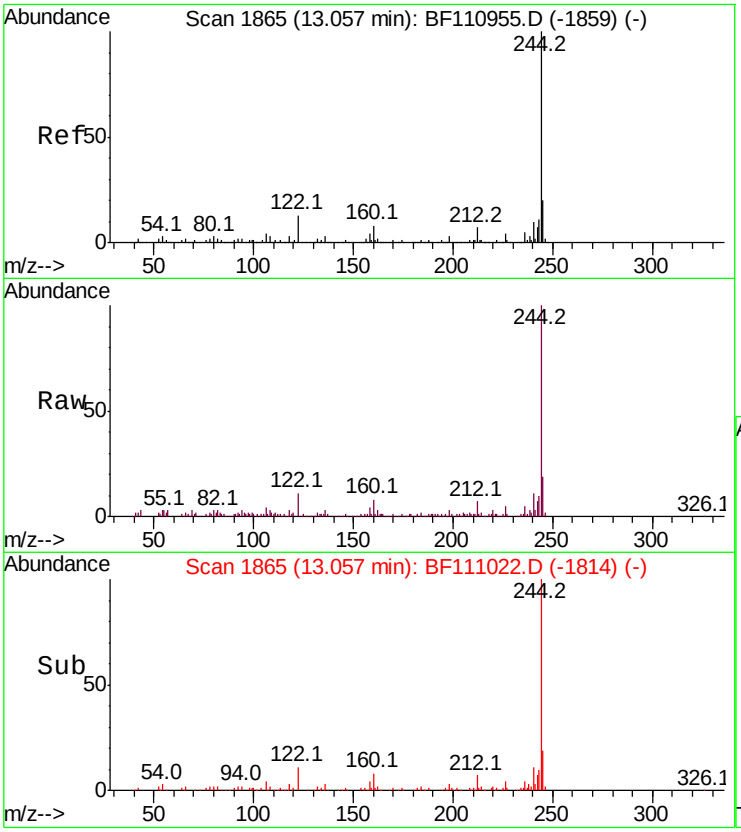


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:240 Resp: 124758

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	25.1	21.2	31.8

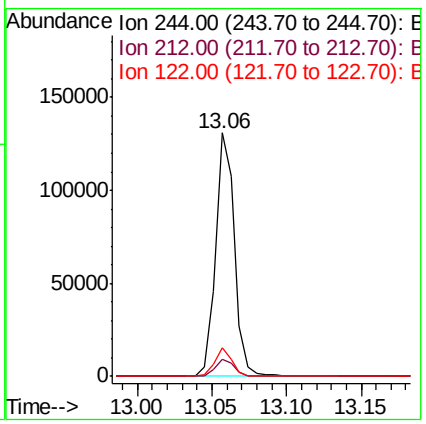




#79
Terphenyl-d14
Concen: 18.008 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:244 Resp: 115410

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.5	8.7	13.1



Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-ADL

Manual Integrations APPROVED
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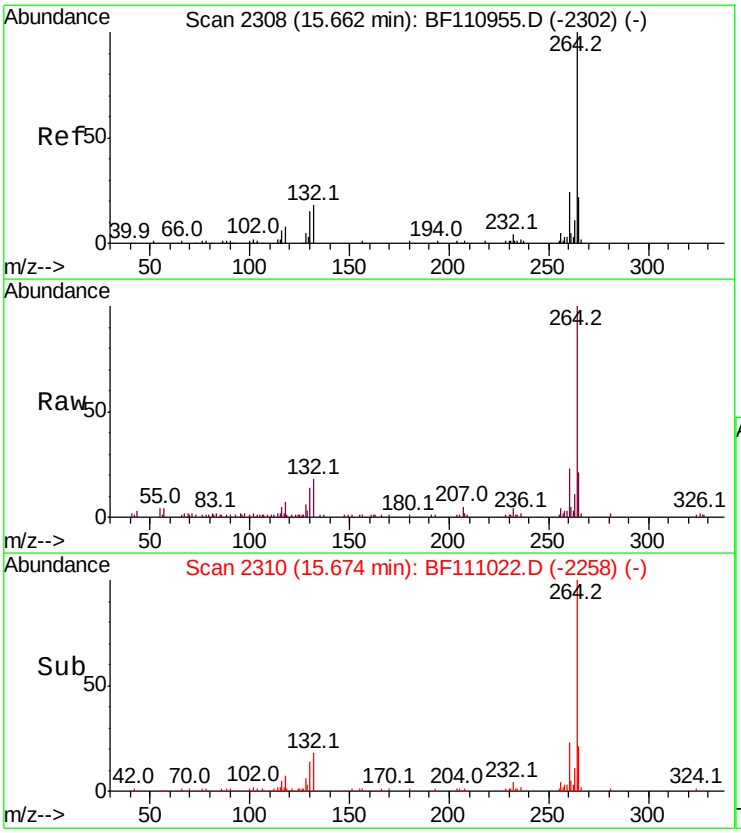

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111022.D
Acq: 27 Nov 2018 21:00

Tgt Ion:264 Resp: 78796

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.7	25.1