Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
Sample : J6204-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HLSP-SB-2A-(0-2)

Quant Time: Dec 06 22:51:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	501320	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1997466	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	954824	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1634183	20.00	ng	0.00
76) Chrysene-d12	13.96	240	964160	20.00	ng	0.00
87) Perylene-d12	15.39	264	954426	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3976286	123.77	ng	0.01
7) Phenol-d6	6.44	99	4997580	120.76	ng	0.00
23) Nitrobenzene-d5	7.36	82	3283838	97.33	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1065094	140.33	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4663708	91.51	ng	0.00
79) Terphenyl-d14	12.91	244	3909746	83.05	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.45	94	330329	7.320	ng	90
50) Dimethylphthalate	9.56	163	946790	14.248	ng	97

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

Quantitation Report (QT/LSC Reviewed)

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Data File : BF111150.D
Acq On : 6 Dec 2018 20:49
Operator : JU/SJ
Sample : J6204-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Quant Time: Dec 06 22:51:13 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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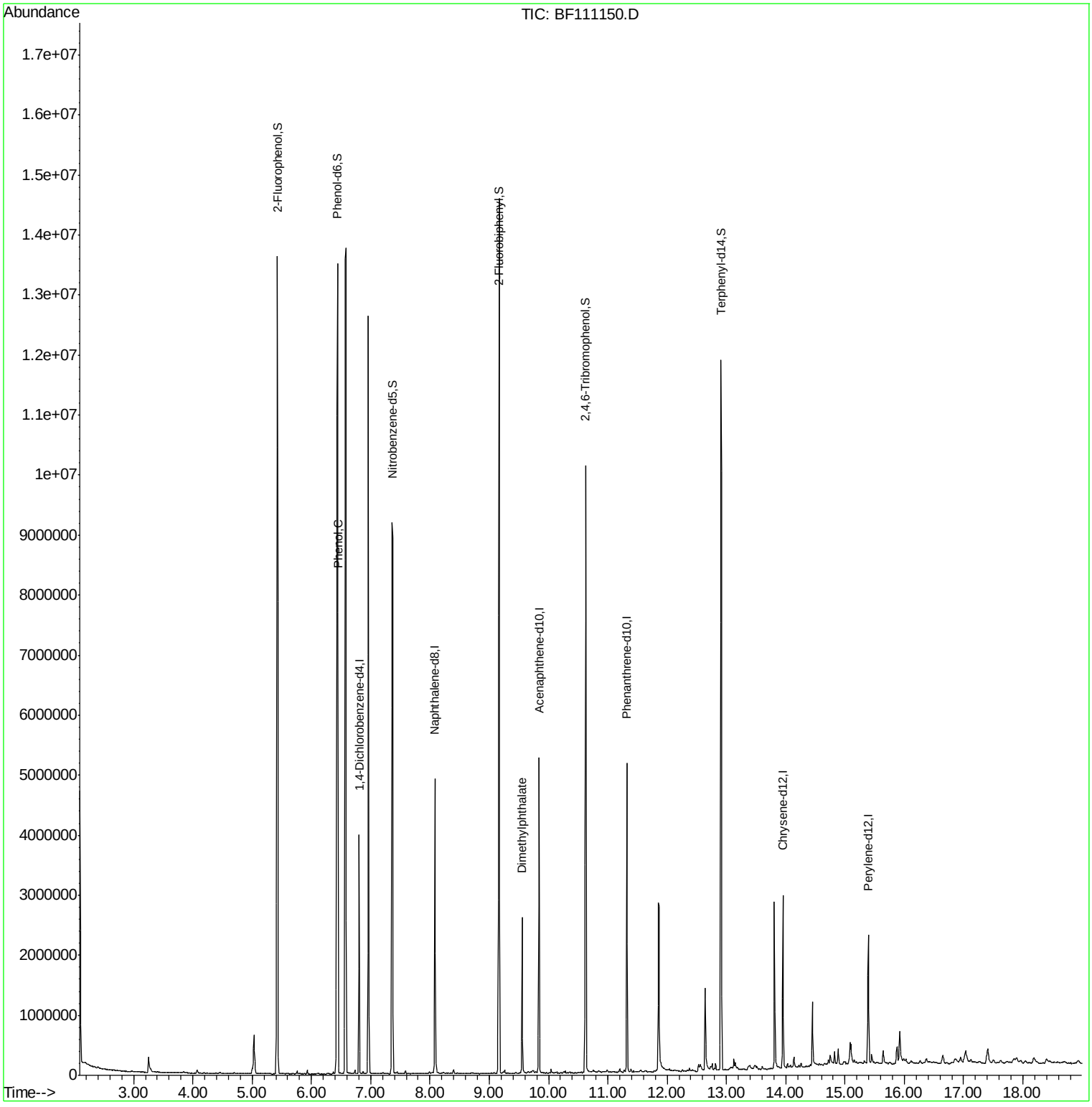
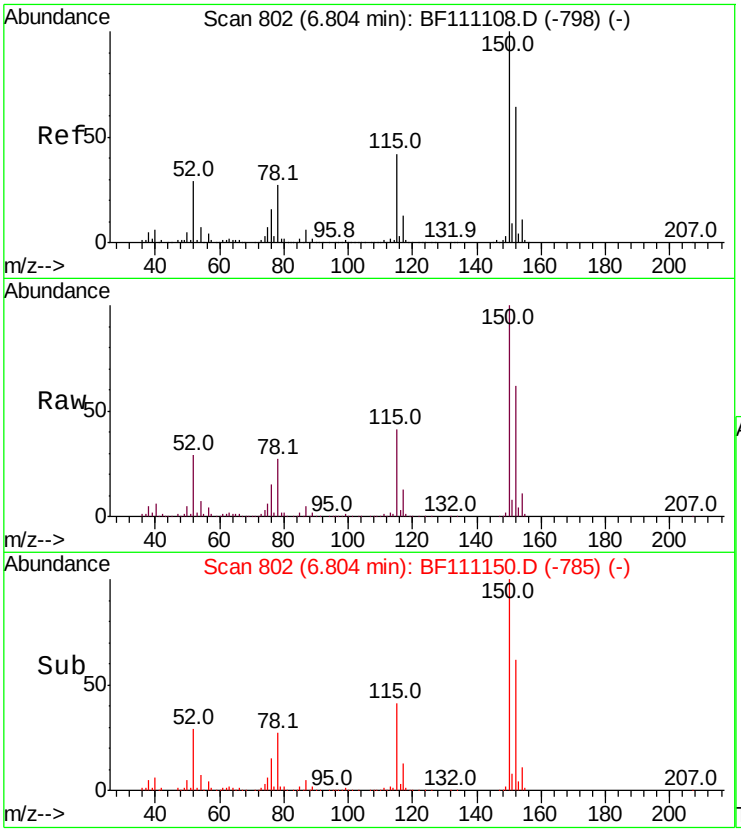
Response via : Initial Calibration



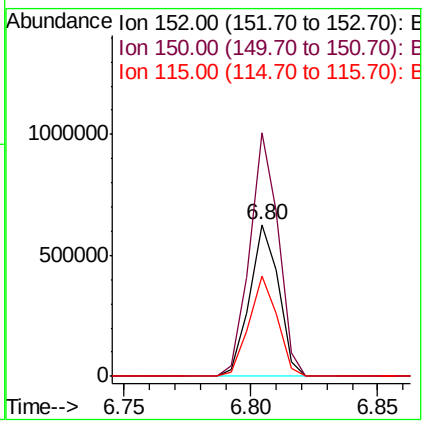


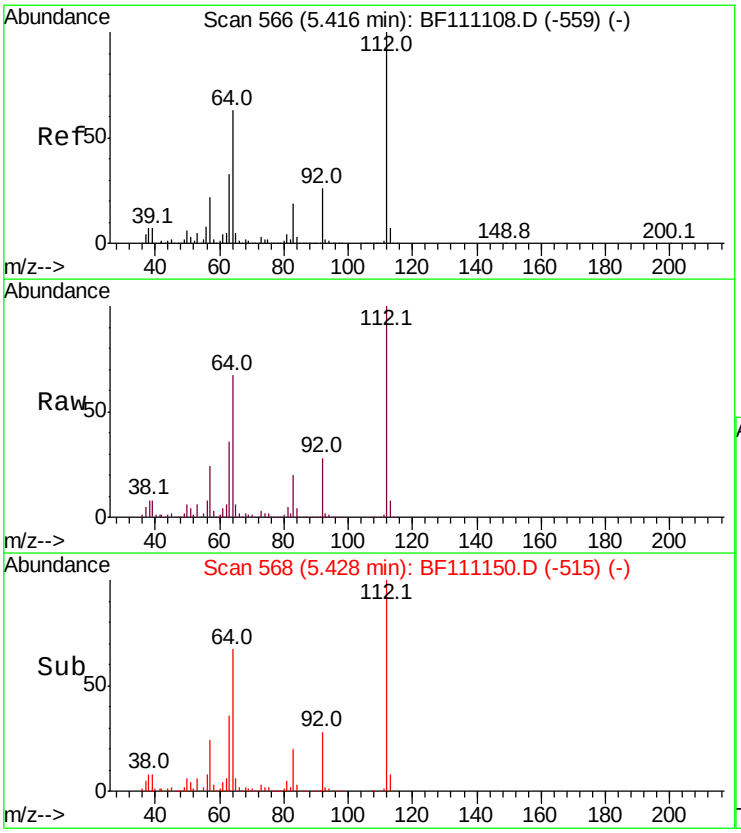
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Tgt Ion:152 Resp: 501320

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	187.0
115	65.9	52.2	78.2

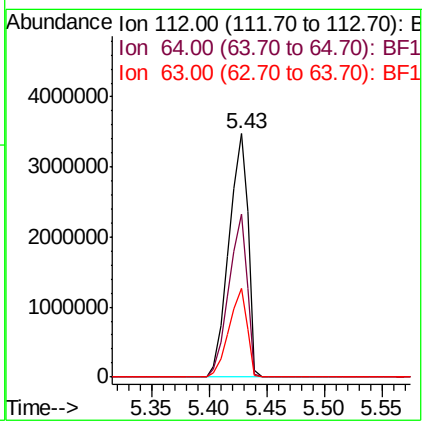


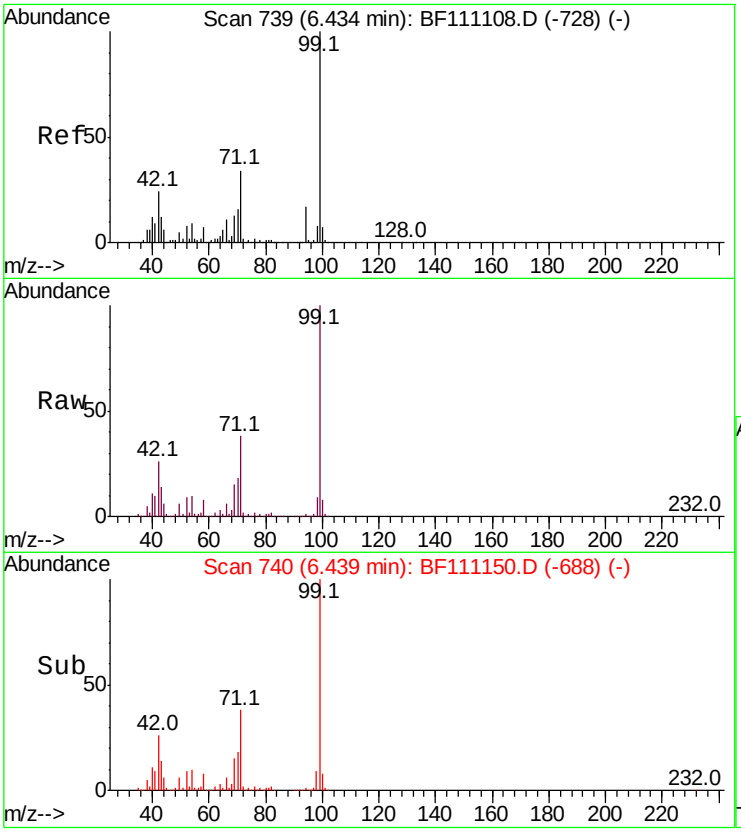


#5
2-Fluorophenol
Concen: 123.770 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Tgt Ion:112 Resp: 3976286

Ion	Ratio	Lower	Upper
112	100		
64	66.8	50.2	75.4
63	36.5	26.6	39.8



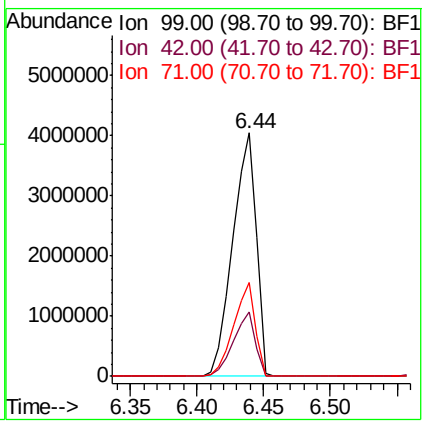


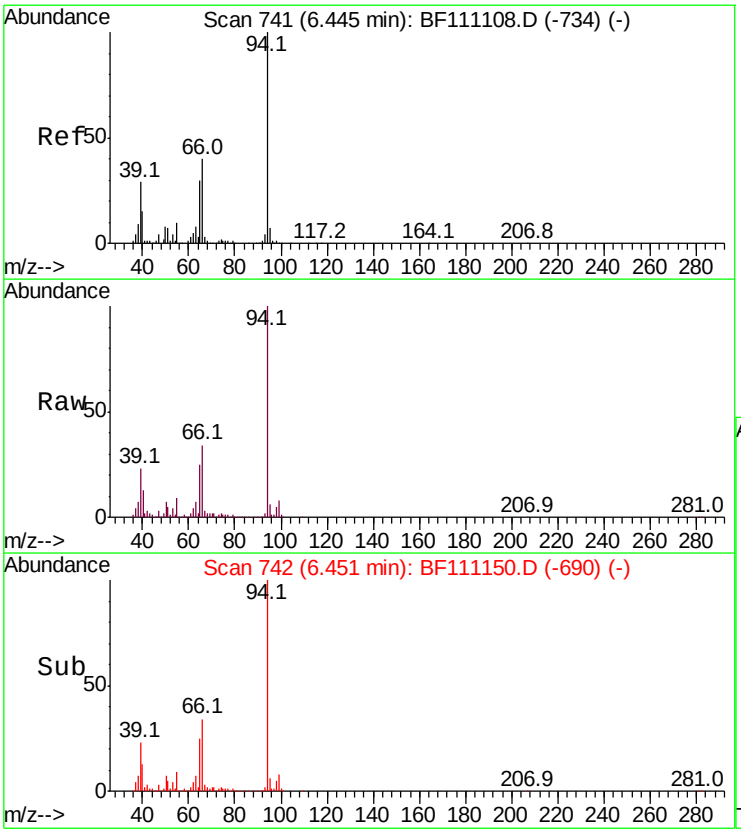
#7
Phenol-d6
Concen: 120.760 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Tgt Ion: 99 Resp: 4997580

Ion	Ratio	Lower	Upper
99	100		
42	26.5	19.3	28.9
71	38.5	27.4	41.2

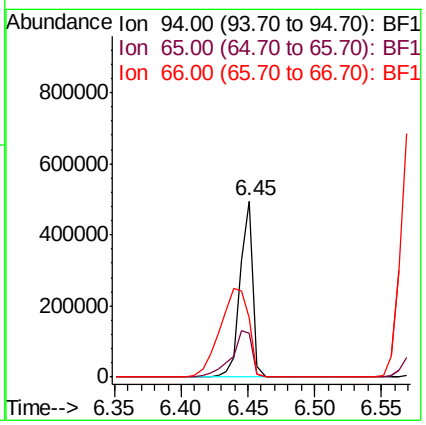


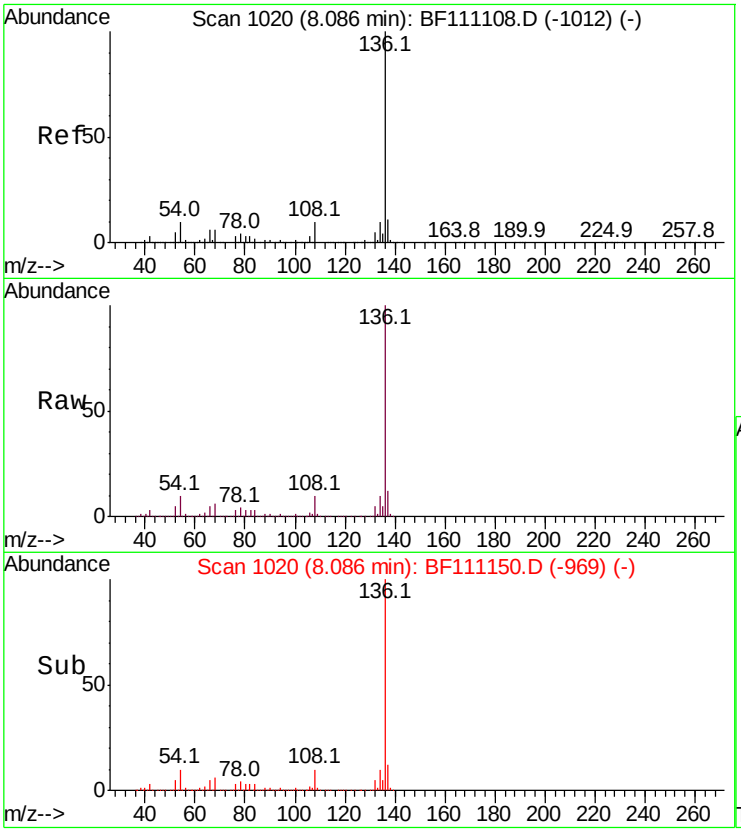


#10
Phenol
Concen: 7.320 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Tgt Ion: 94 Resp: 330329

Ion	Ratio	Lower	Upper
94	100		
65	25.3	10.5	50.5
66	33.6	19.8	59.8



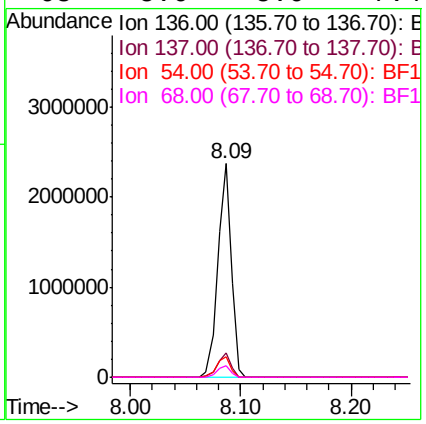


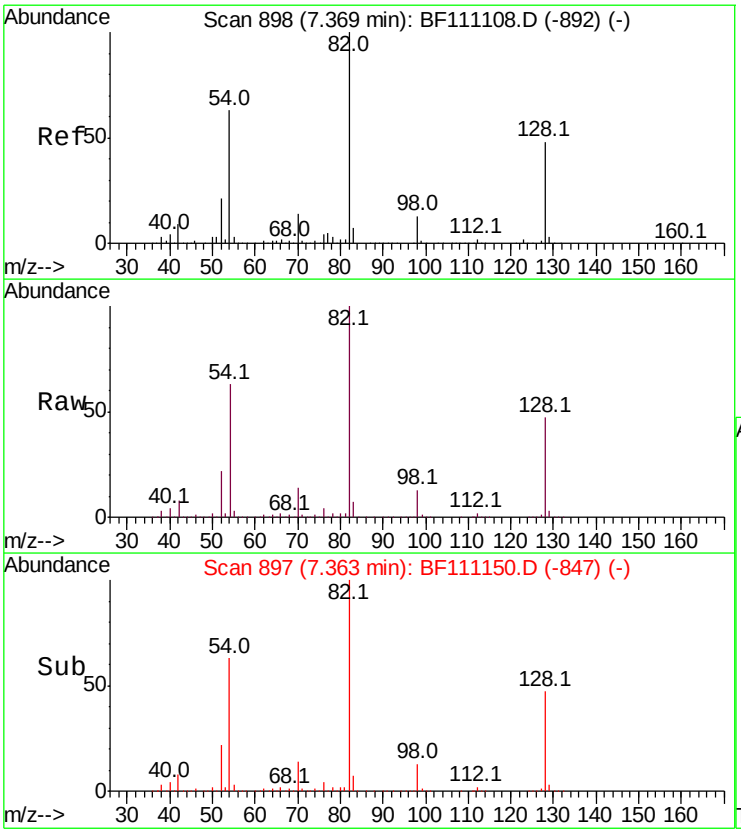
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Tgt Ion:136 Resp: 1997466

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.7	8.4	12.6
68	5.6	5.0	7.4

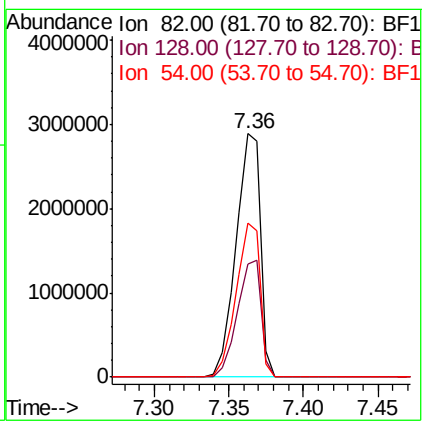


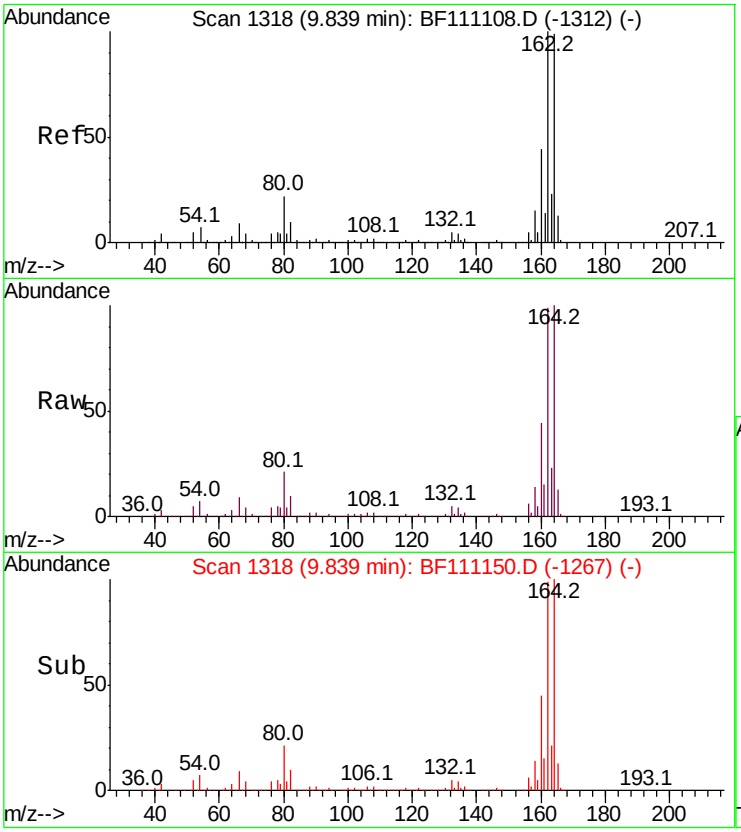


#23
Nitrobenzene-d5
Concen: 97.331 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Tgt Ion: 82 Resp: 3283838

Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.1	57.1
54	63.2	50.3	75.5



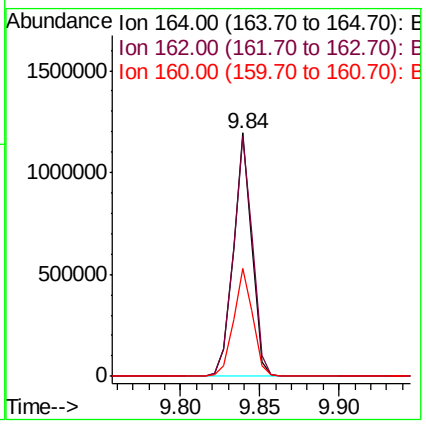


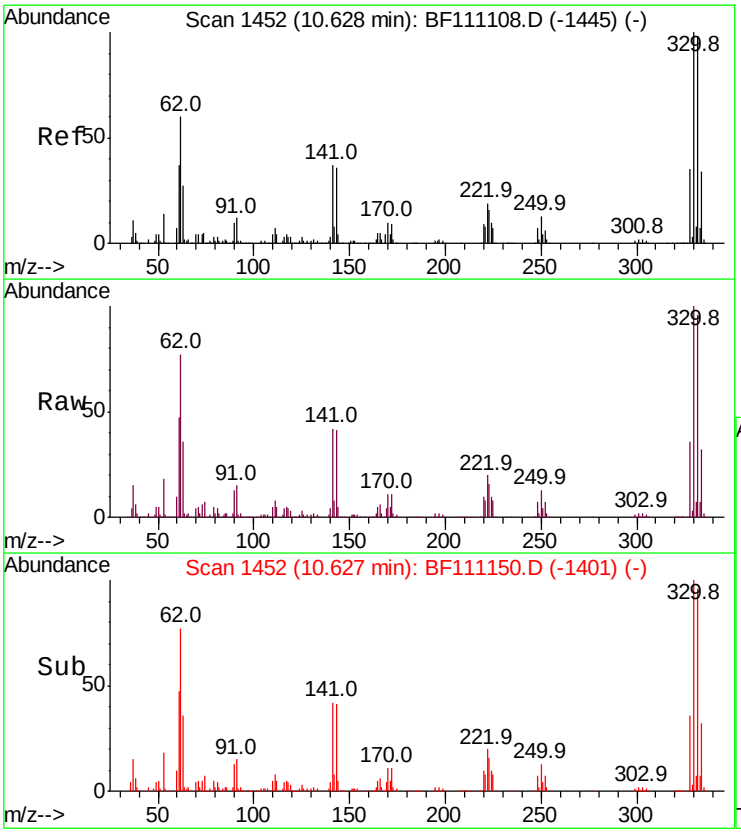
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Tgt Ion:164 Resp: 954824

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	44.5	35.5	53.3

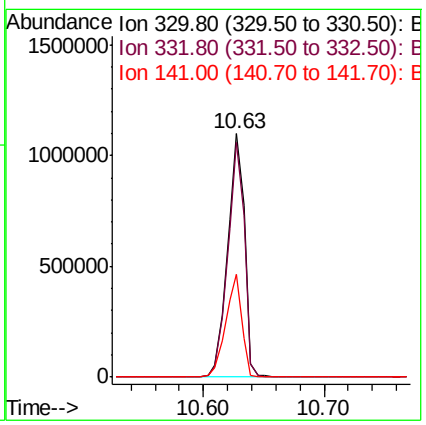


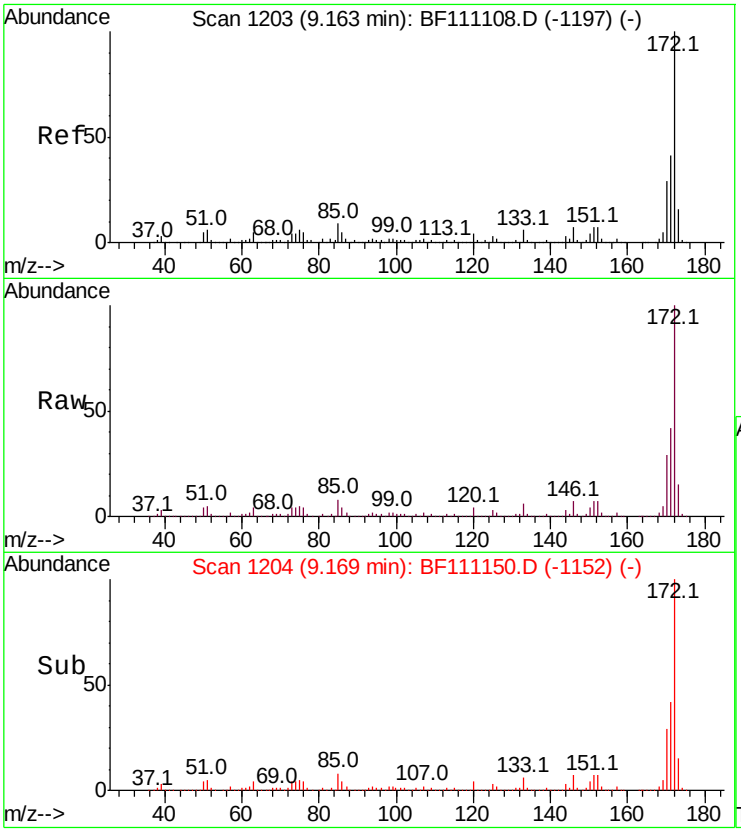


#42
2,4,6-Tribromophenol
Concen: 140.333 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Tgt Ion:330 Resp: 1065094

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.2	115.8
141	40.7	36.1	54.1



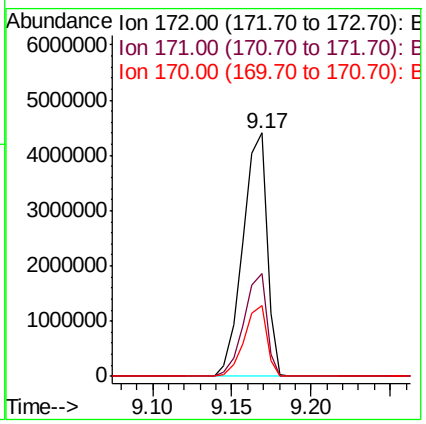


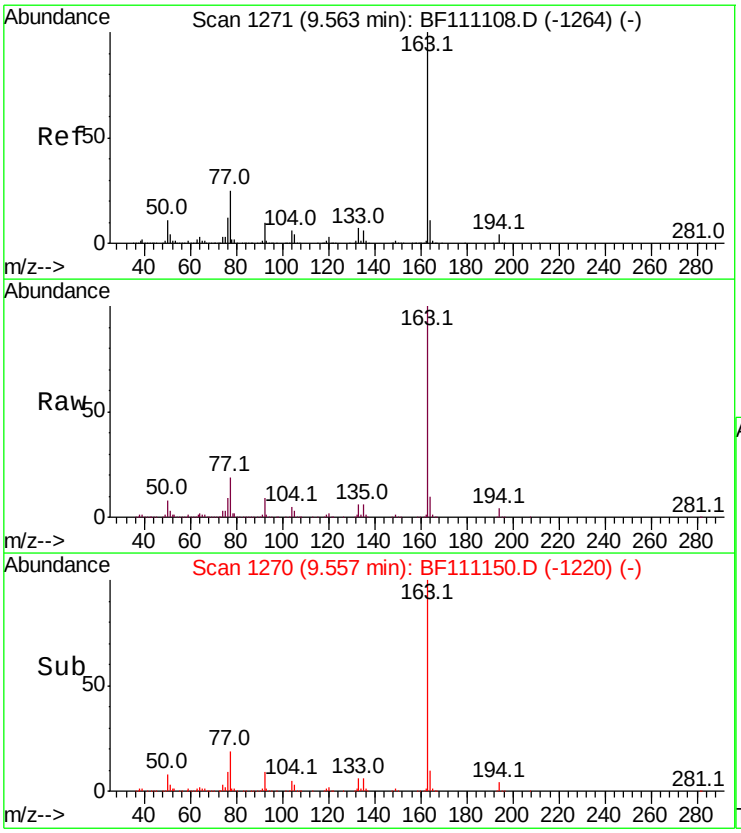
#45
2-Fluorobiphenyl
Concen: 91.514 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Tgt Ion:172 Resp: 4663708

Ion	Ratio	Lower	Upper
172	100		
171	42.3	33.2	49.8
170	29.0	22.9	34.3

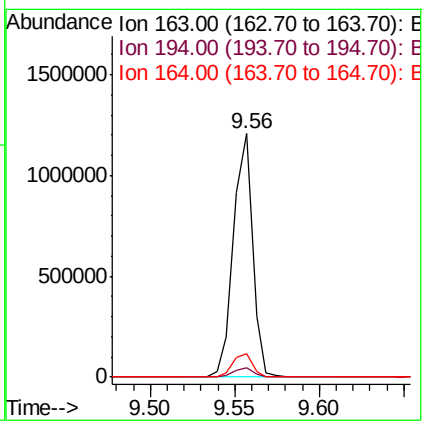


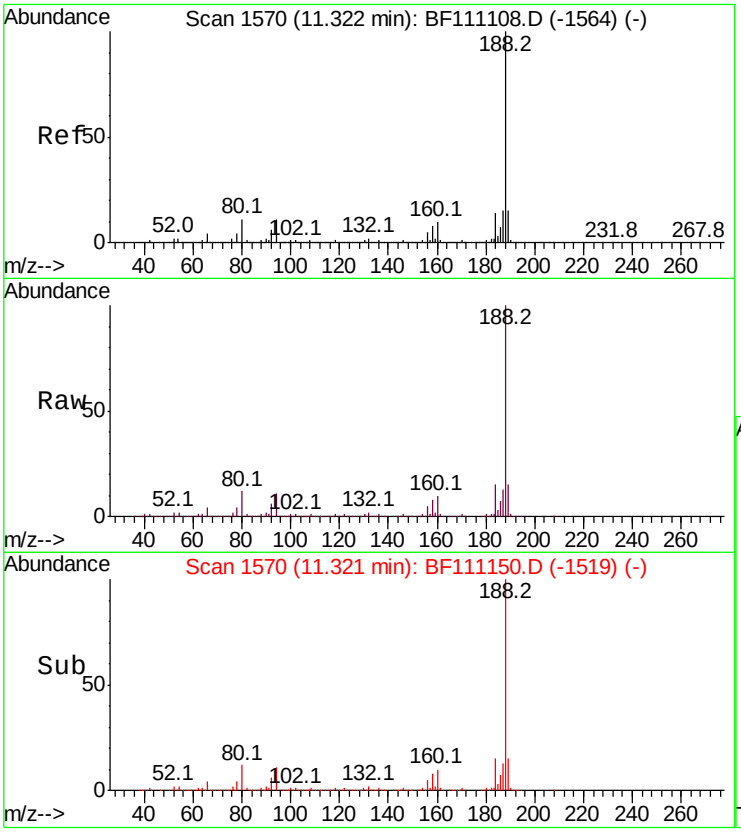


#50
Dimethylphthalate
Concen: 14.248 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Tgt Ion:163 Resp: 946790

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.7	8.9	13.3



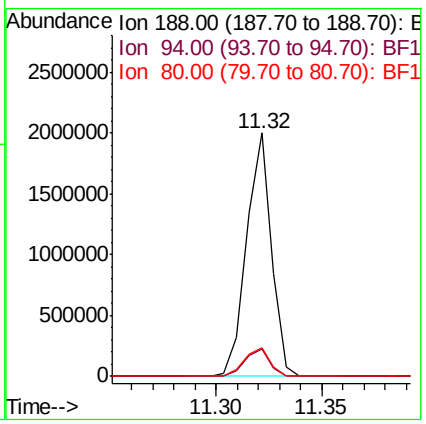


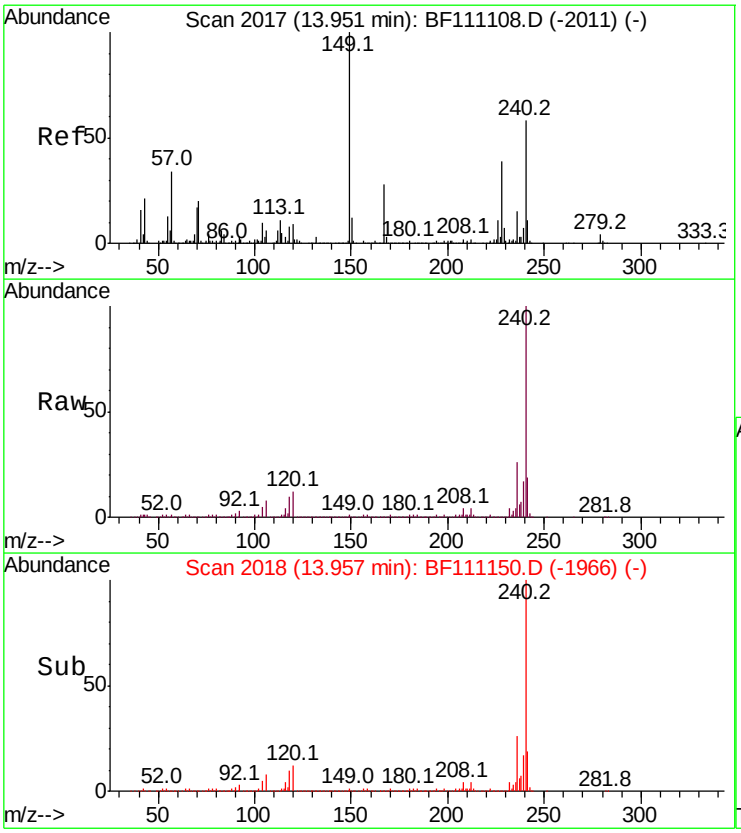
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Tgt Ion:188 Resp: 1634183

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.5	9.0	13.6

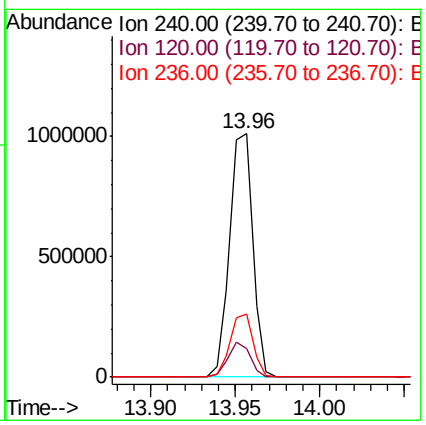


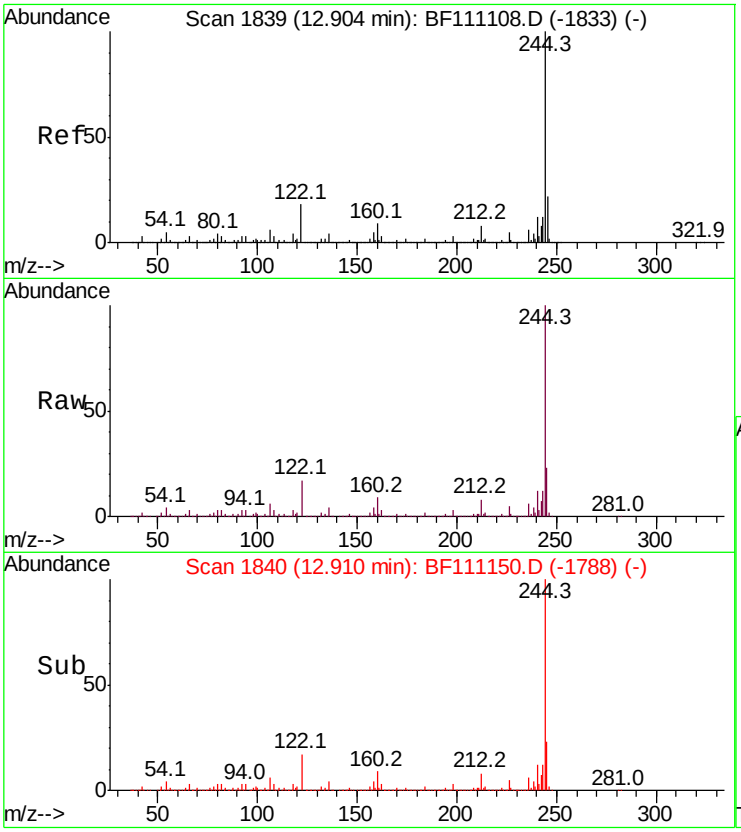


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Tgt Ion:240 Resp: 964160

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.8	19.2#
236	25.8	21.1	31.7



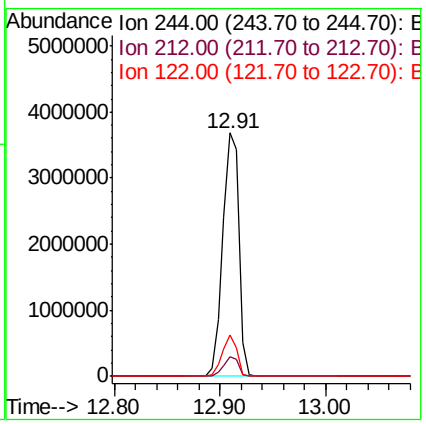


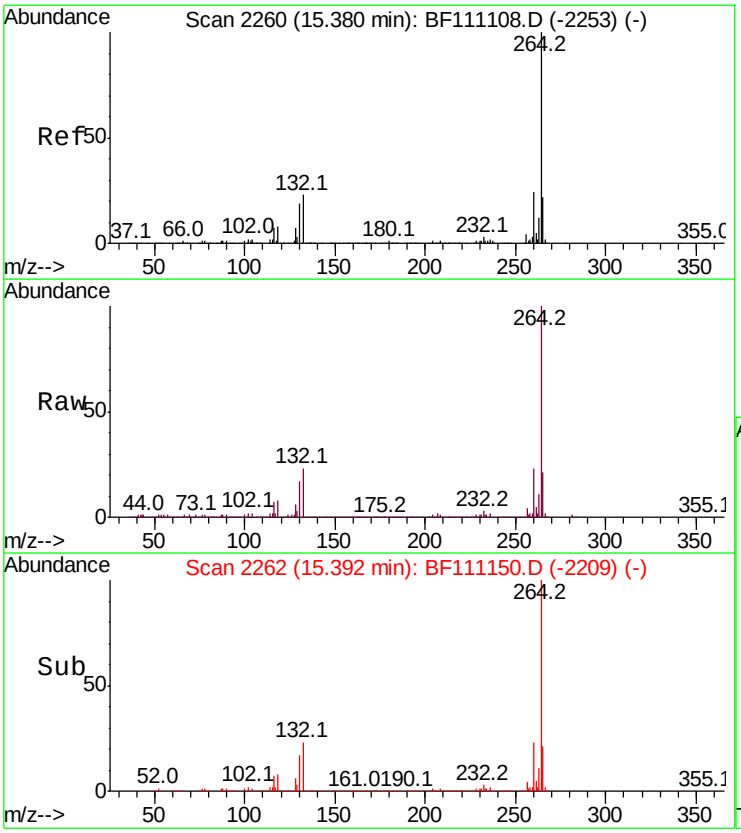
#79
Terphenyl-d14
Concen: 83.048 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Instrument :
BNA_F
ClientSampleId :
HLSP-SB-2A-(0-2)

Tgt Ion:244 Resp: 3909746

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	16.8	14.2	21.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111150.D
Acq: 6 Dec 2018 20:49

Tgt Ion:264 Resp: 954426

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	20.8	17.4	26.0