Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112754.D
Acq On : 28 Feb 2019 11:32
Operator : JU/SJ
Sample : K1594-22DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1(8-9)DL

Quant Time: Mar 01 05:42:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 16:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190208	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	638684	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	328020	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	555369	20.00	ng	0.00
76) Chrysene-d12	13.87	240	482685	20.00	ng	0.00
87) Perylene-d12	15.29	264	550811	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	203784	16.67	ng	0.00
7) Phenol-d6	6.36	99	290649	18.92	ng	0.00
23) Nitrobenzene-d5	7.30	82	159027	14.90	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	58524	16.81	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	253650	0.10	ng	0.00
79) Terphenyl-d14	12.83	244	212977	8.55	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.05	128	968171	30.533	ng	# 95
37) 2-Methylnaphthalene	8.74	142	1061685	51.847	ng	100
38) 1-Methylnaphthalene	8.84	142	468237	23.605	ng	98

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

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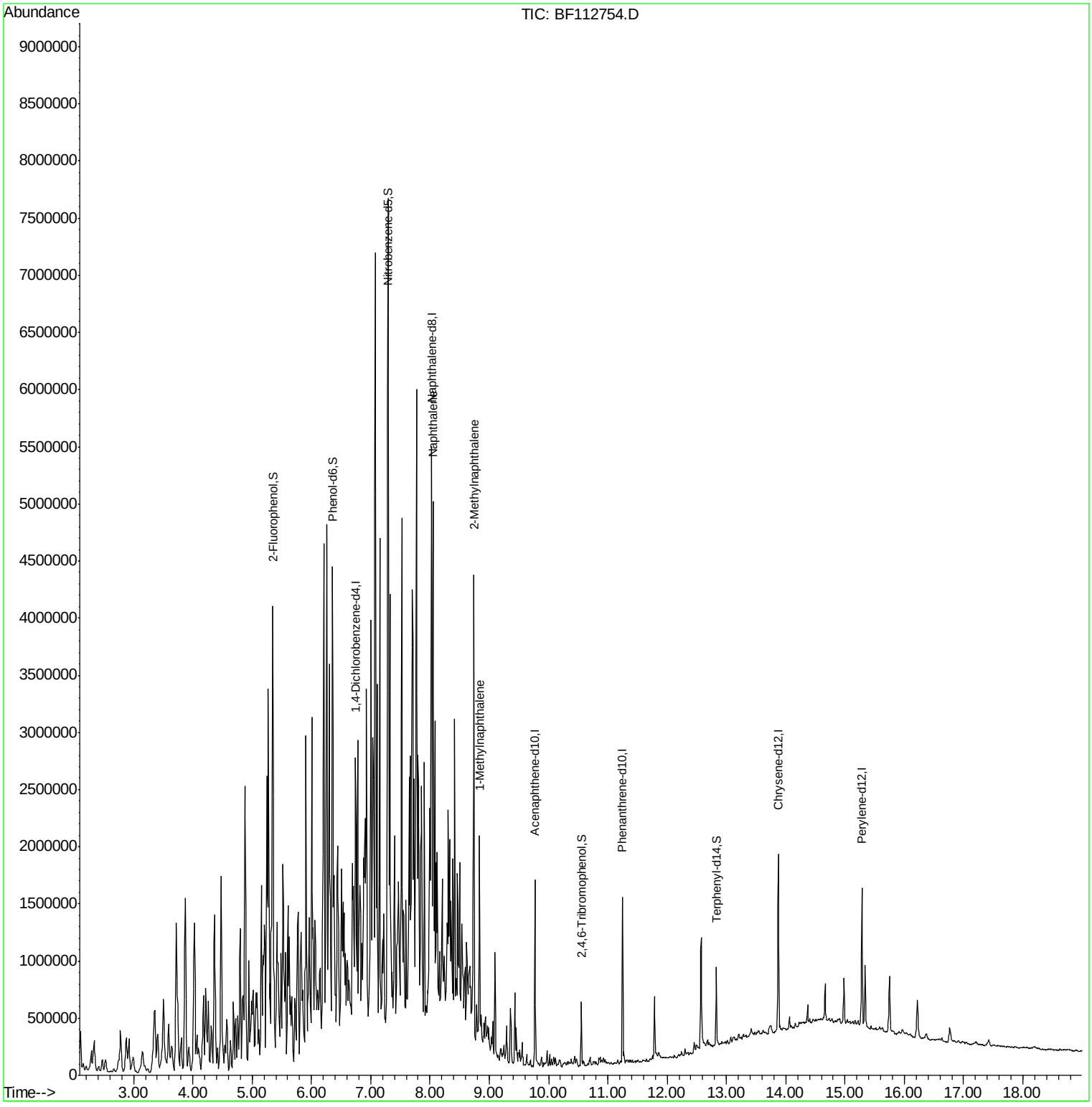
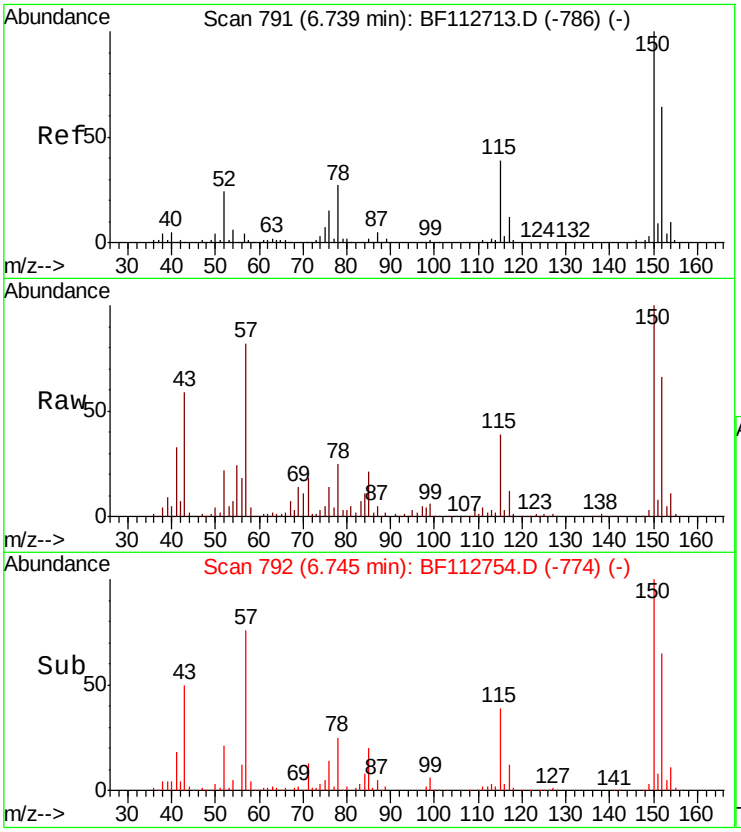


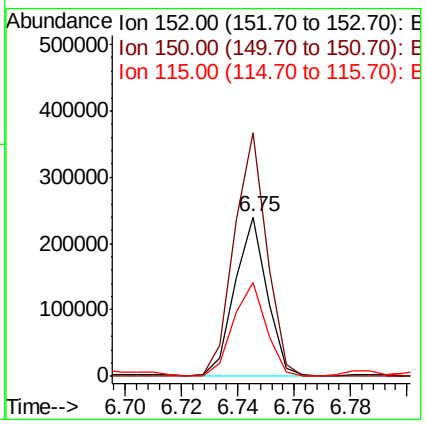


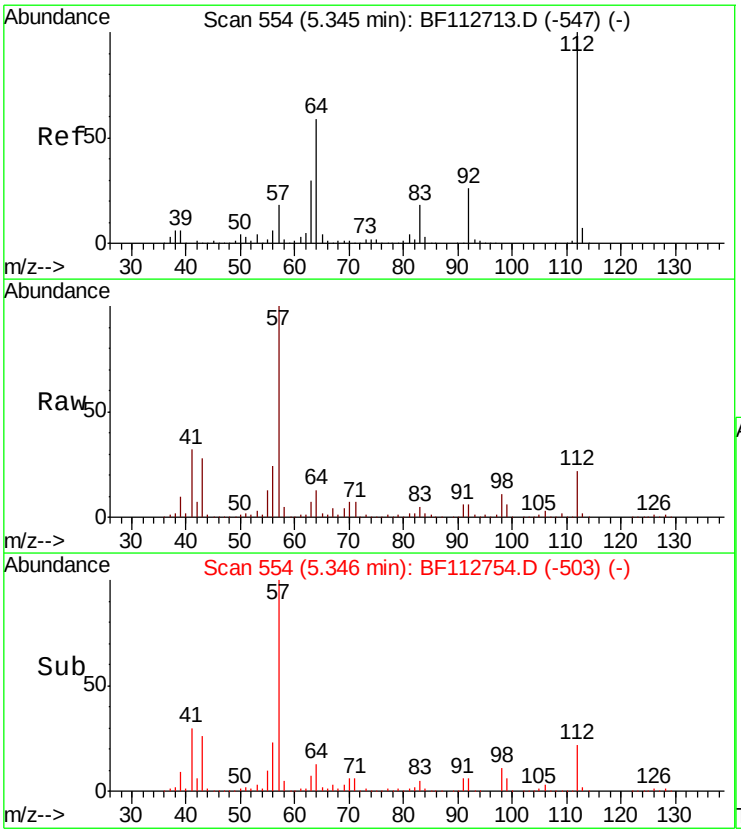
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:152 Resp: 190208

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.2	186.2
115	58.9	48.2	72.4

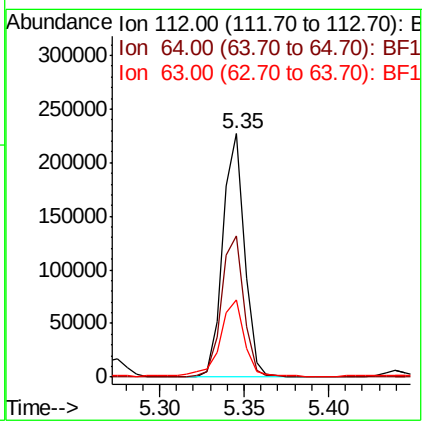


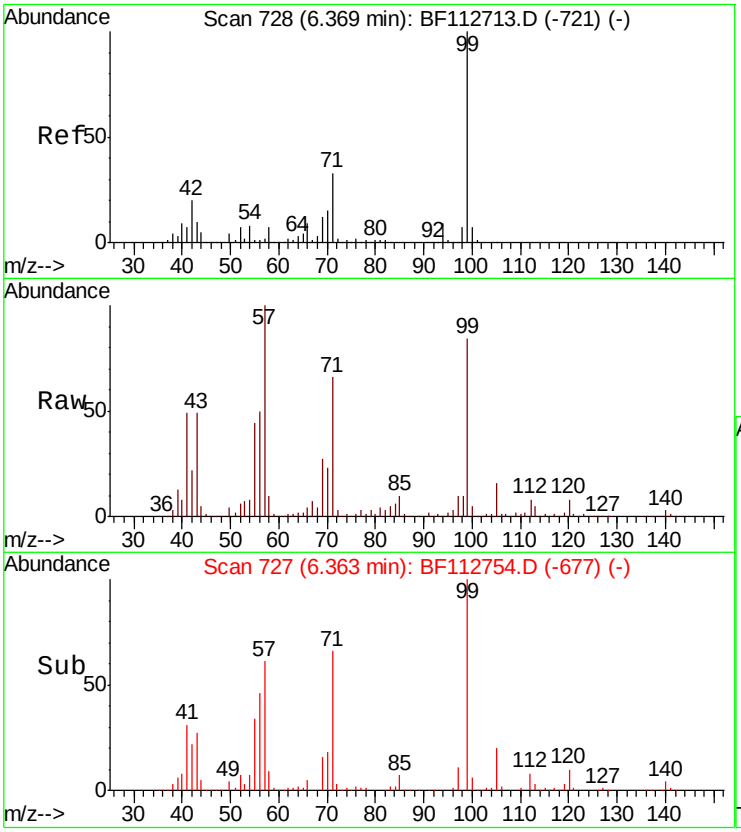


#5
2-Fluorophenol
Concen: 16.666 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:112 Resp: 203784

Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.6	71.4
63	31.5	24.4	36.6



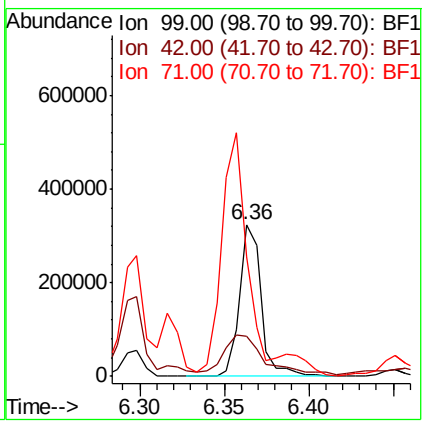


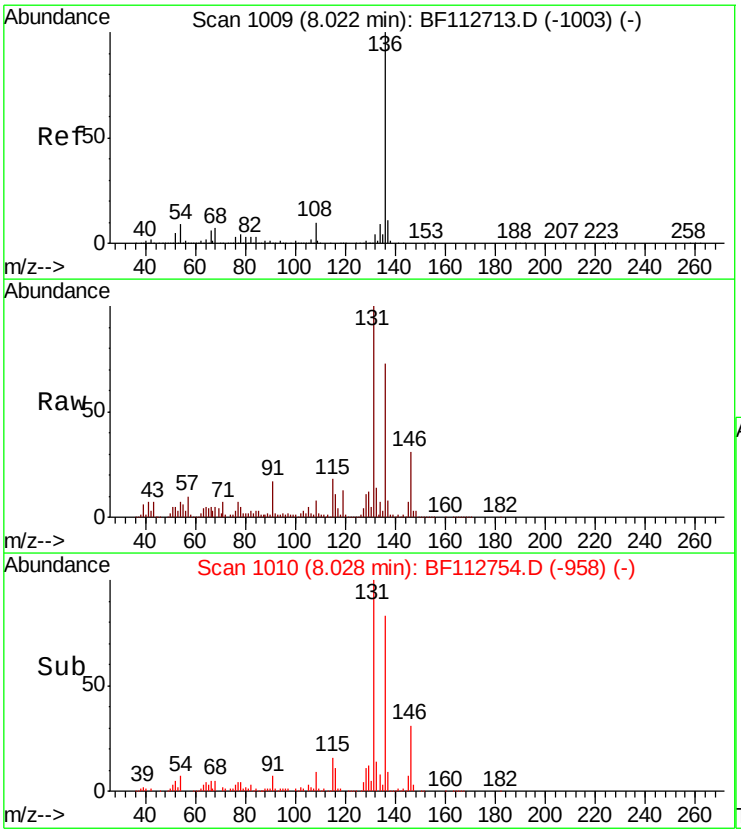
#7
Phenol-d6
Concen: 18.922 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion: 99 Resp: 290649

Ion	Ratio	Lower	Upper
99	100		
42	26.6	16.3	24.5#
71	79.1	26.2	39.4#

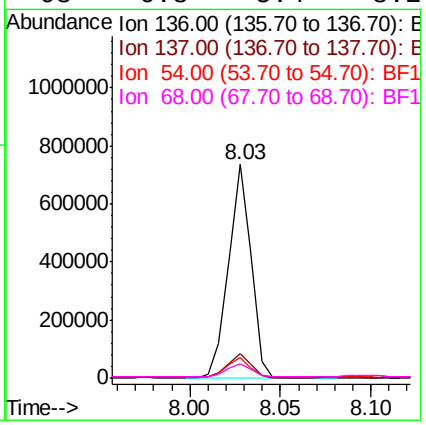


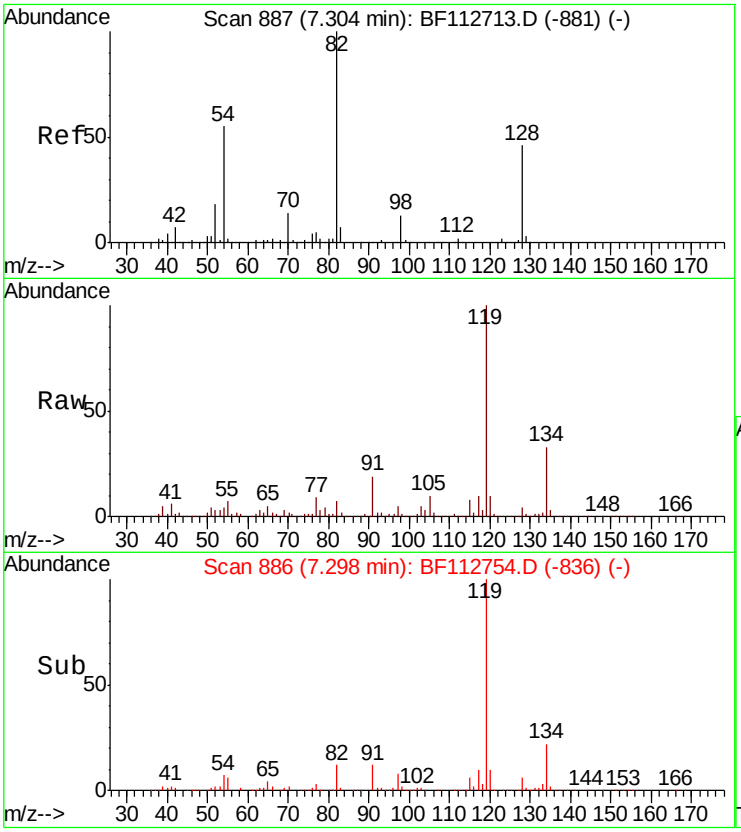


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:136 Resp: 638684

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	7.3	10.9
68	6.8	5.4	8.2



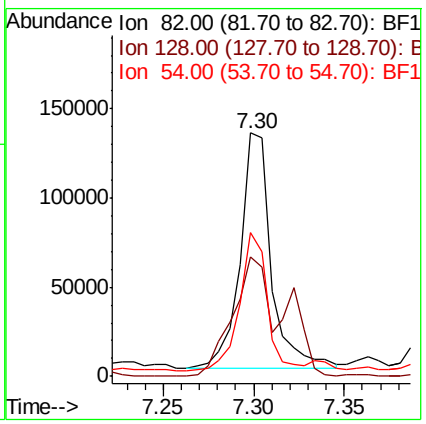


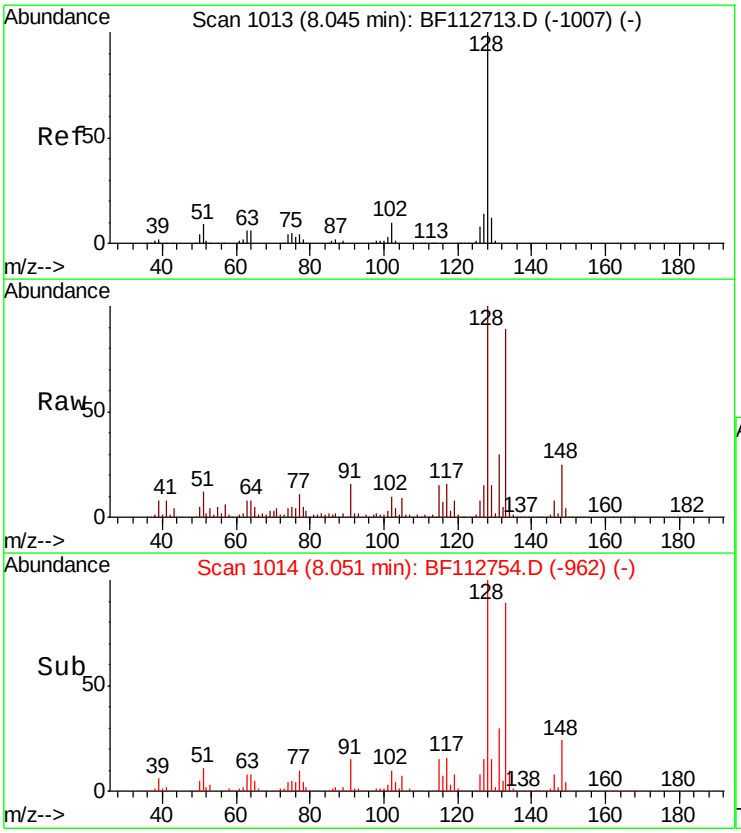
#23
Nitrobenzene-d5
Concen: 14.899 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion: 82 Resp: 159027

Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.3	54.5
54	59.2	43.7	65.5

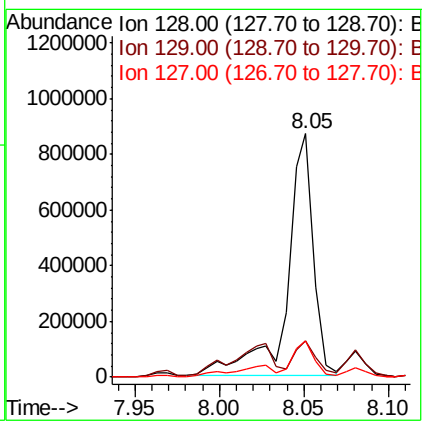


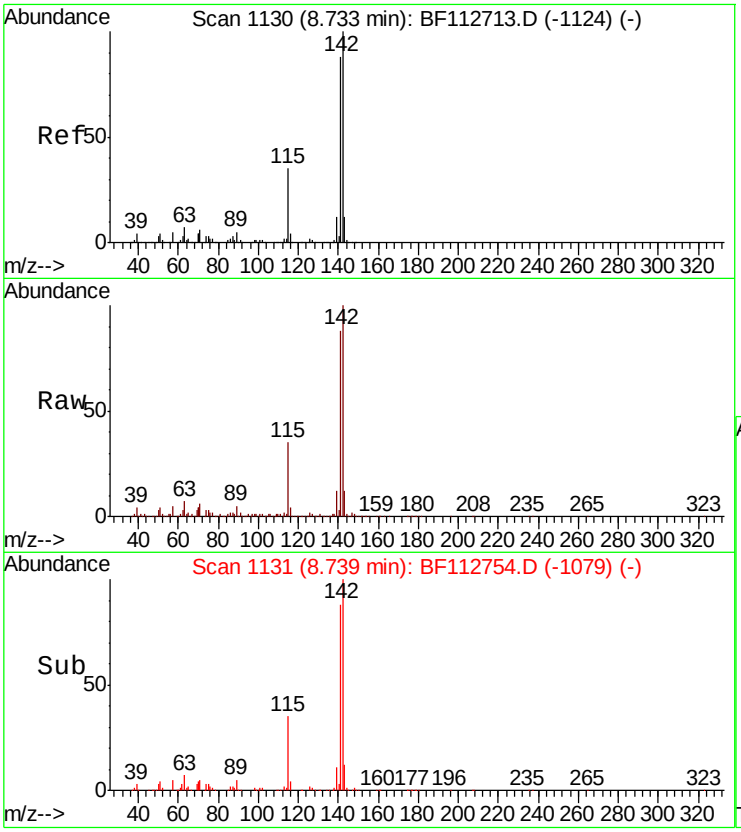


#31
Naphthalene
Concen: 30.533 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:128 Resp: 968171

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.3	13.9#
127	14.7	10.9	16.3



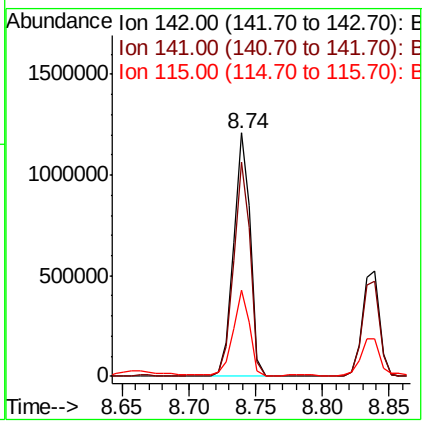


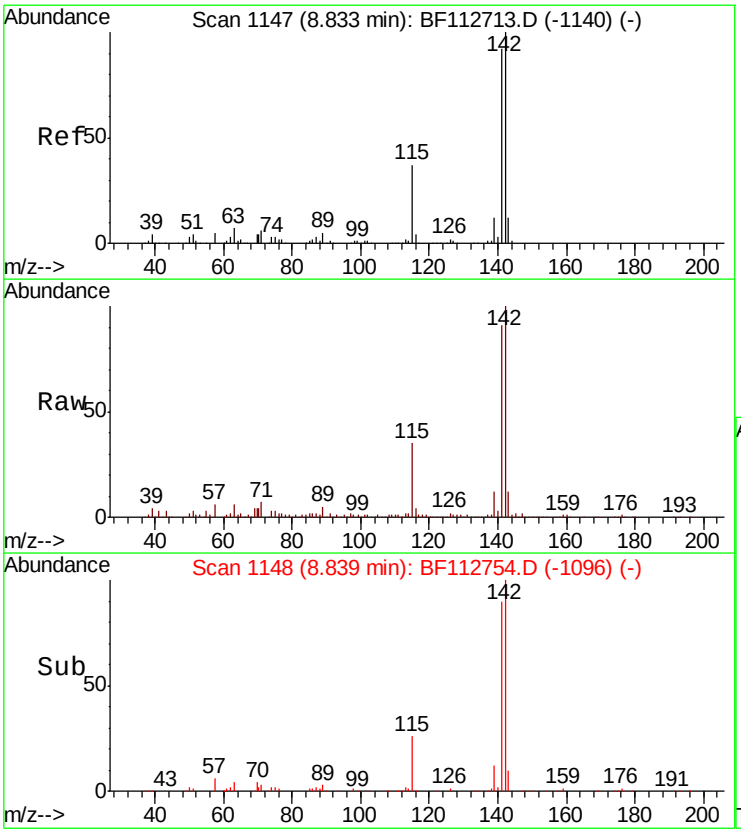
#37
2-Methylnaphthalene
Concen: 51.847 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:142 Resp: 1061685

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.3	105.5
115	35.1	27.8	41.6

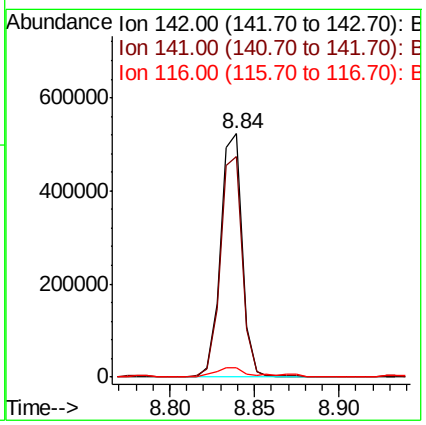


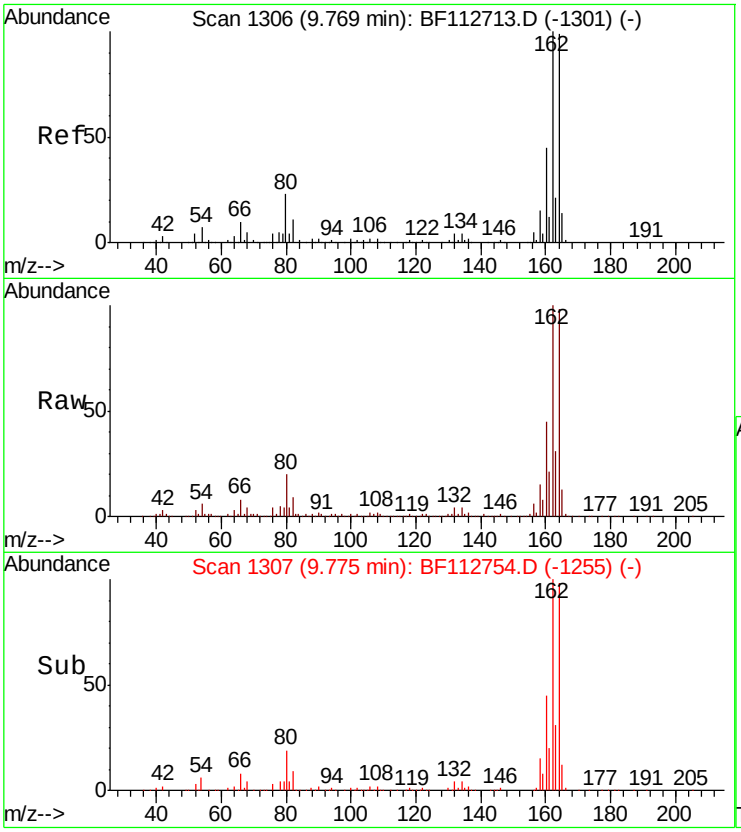


#38
1-Methylnaphthalene
Concen: 23.605 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:142 Resp: 468237

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.7	110.5
116	3.8	3.1	4.7



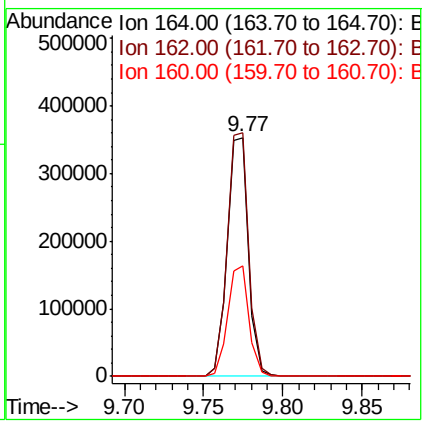


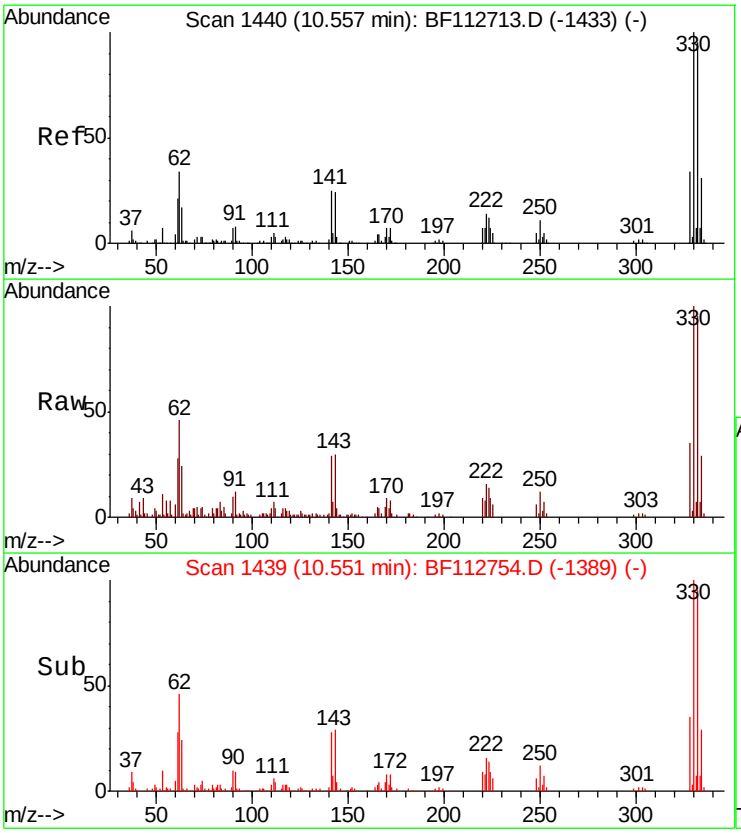
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:164 Resp: 328020

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	46.0	36.0	54.0

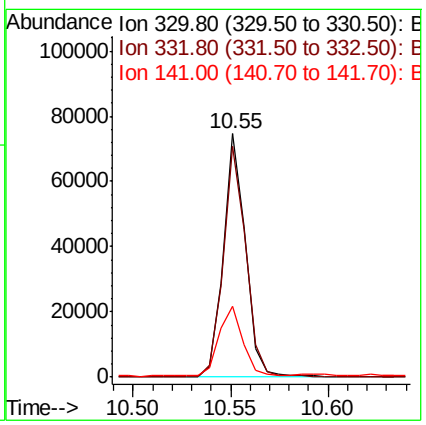


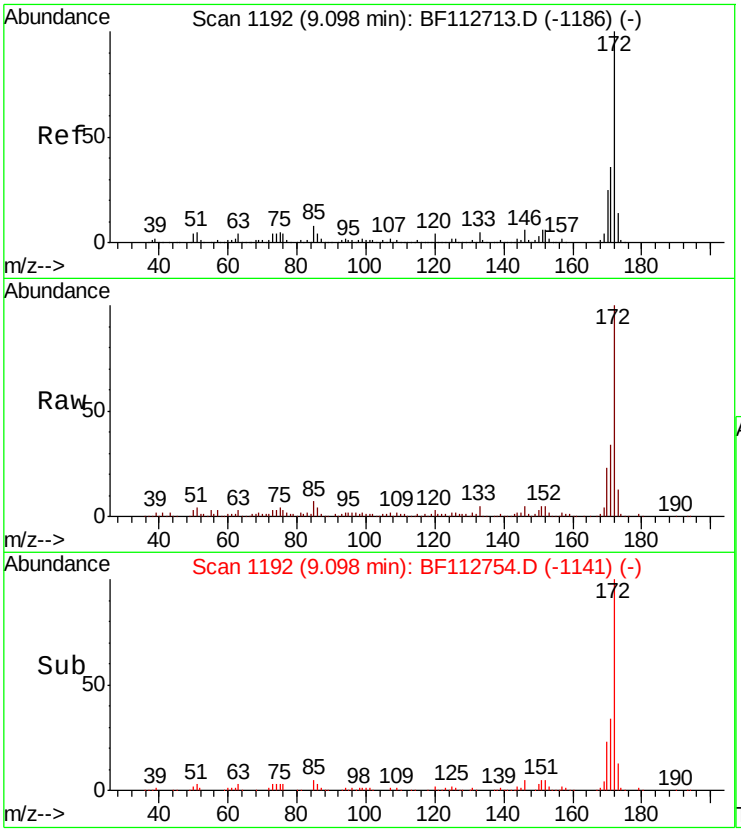


#42
2,4,6-Tribromophenol
Concen: 16.806 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:330 Resp: 58524

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	33.7	27.0	40.6



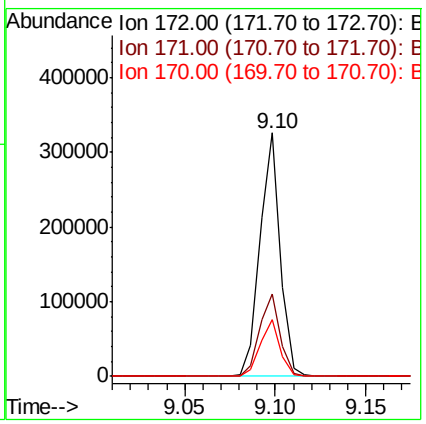


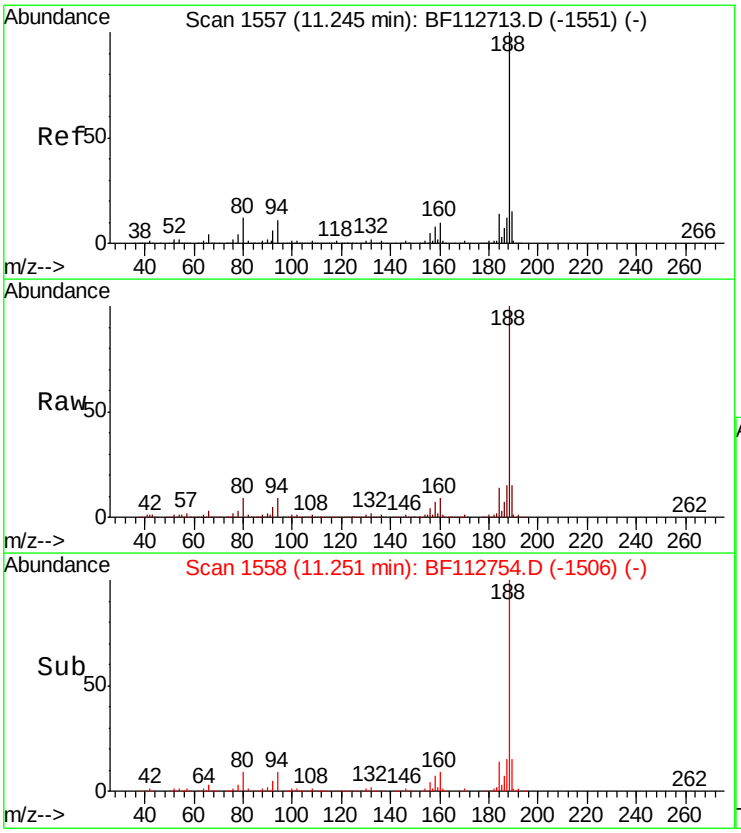
#45
2-Fluorobiphenyl
Concen: 0.101 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:172 Resp: 253650

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.0	43.4
170	23.1	20.0	30.0

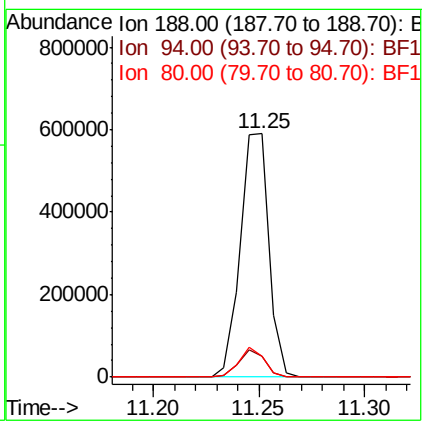


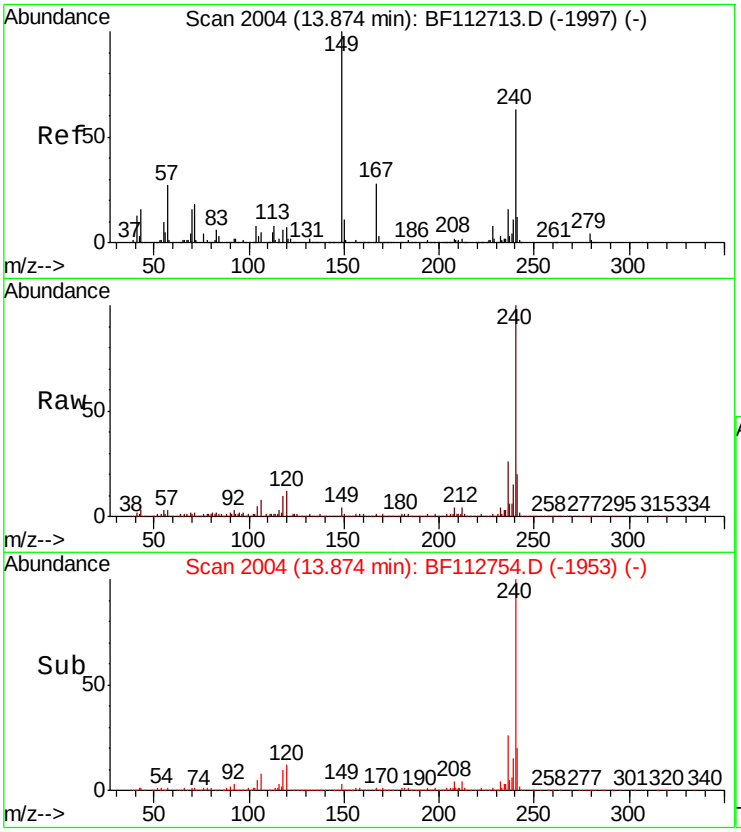


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:188 Resp: 555369

Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	8.8	9.2	13.8#



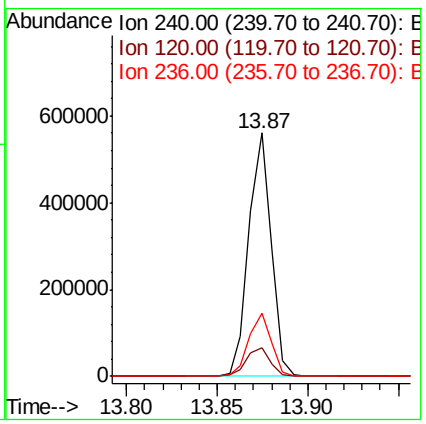


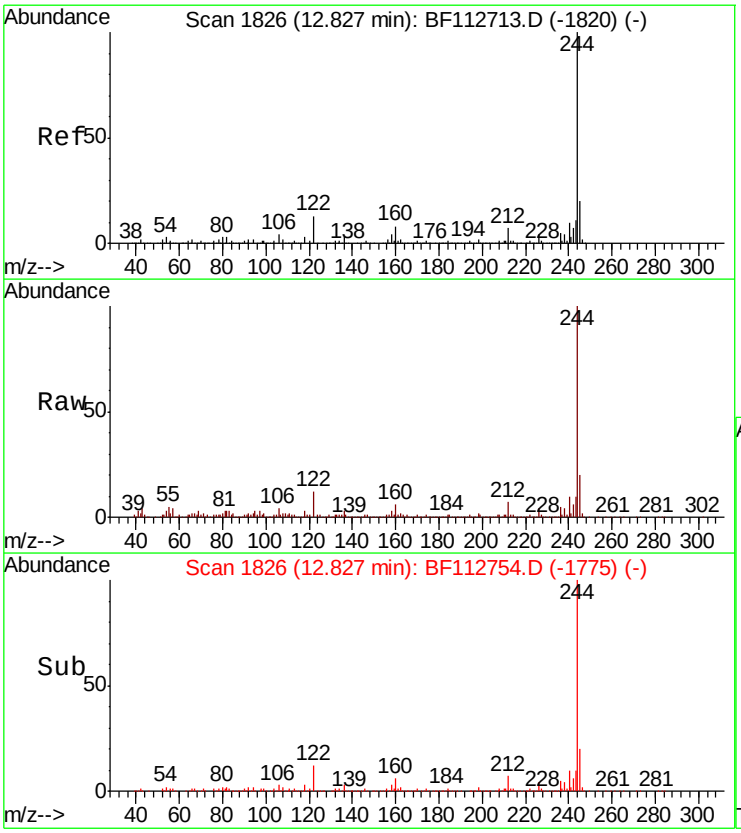
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:240 Resp: 482685

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	26.2	20.7	31.1

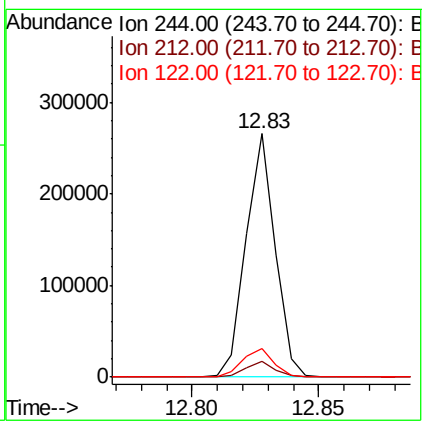


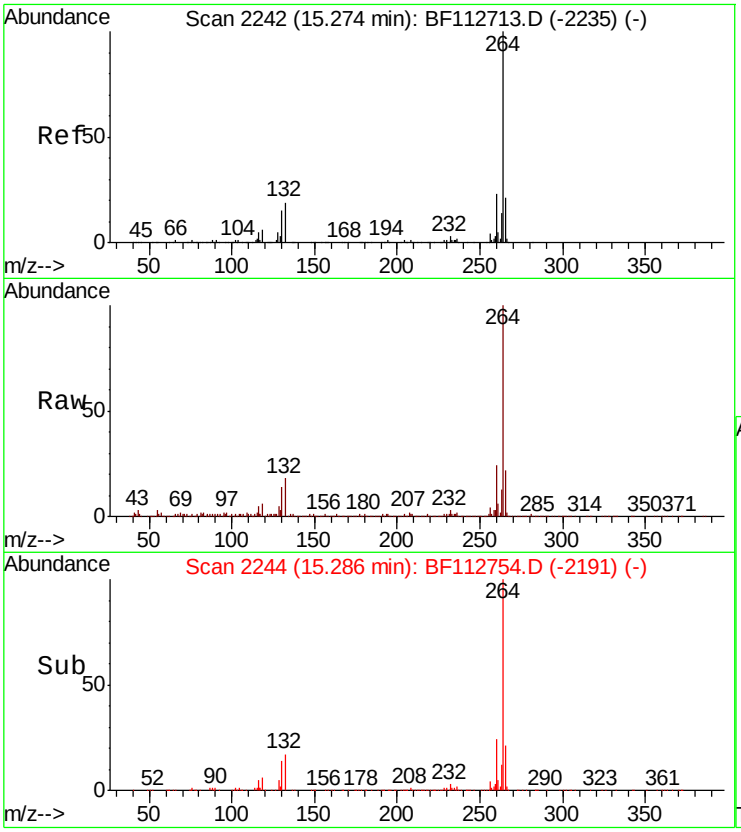


#79
Terphenyl-d14
Concen: 8.553 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Tgt Ion:244 Resp: 212977

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	11.9	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112754.D
Acq: 28 Feb 2019 11:32

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:264 Resp: 550811

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.2	25.8