Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084660.D
Acq On : 30 Jan 2016 2:51
Operator : SJ/IZ
Sample : H1272-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B029(6-6.5)

Quant Time: Jan 30 05:56:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	189361	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	766594	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	358002	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	721235	20.00	ng	0.00
75) Chrysene-d12	13.87	240	654703	20.00	ng	0.00
86) Perylene-d12	15.25	264	331201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1659535	132.29	ng	0.03
7) Phenol-d6	6.37	99	1815512	120.75	ng	0.00
23) Nitrobenzene-d5	7.29	82	1441881	105.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	640901	170.81	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2482456	103.07	ng	0.00
78) Terphenyl-d14	12.83	244	2211455	76.29	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.03	128	1140317	29.47	ng	99
37) 2-Methylnaphthalene	8.72	142	72648	3.06	ng	97

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

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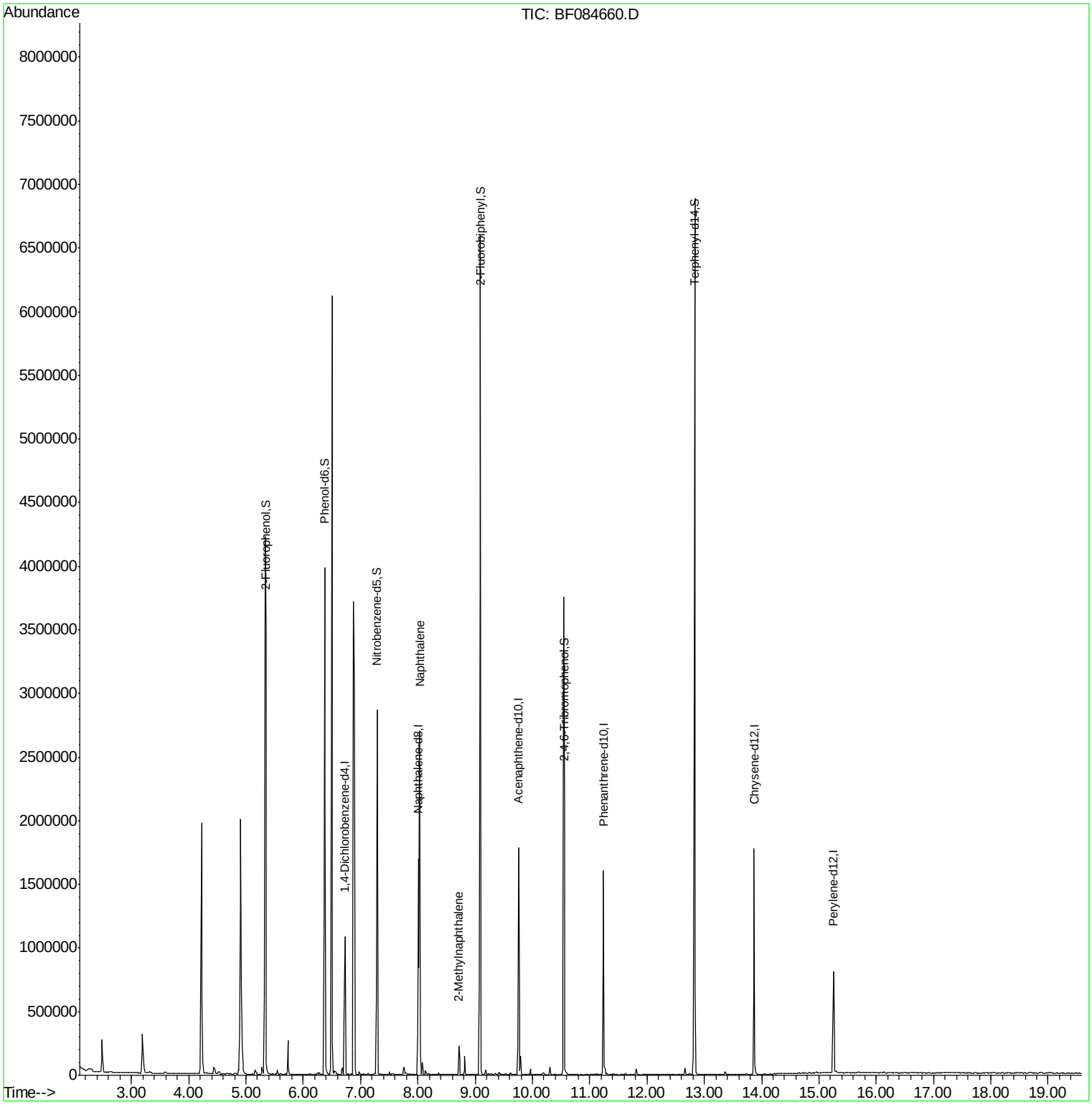
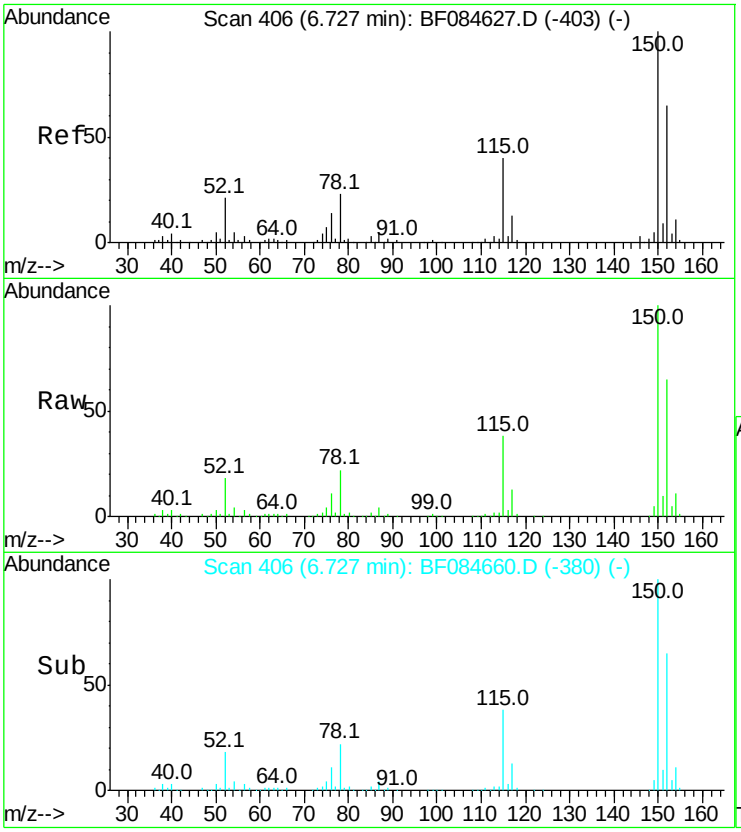


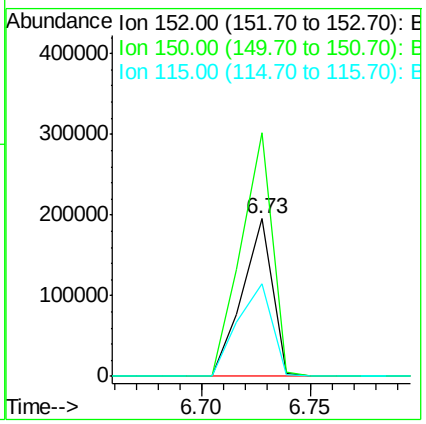


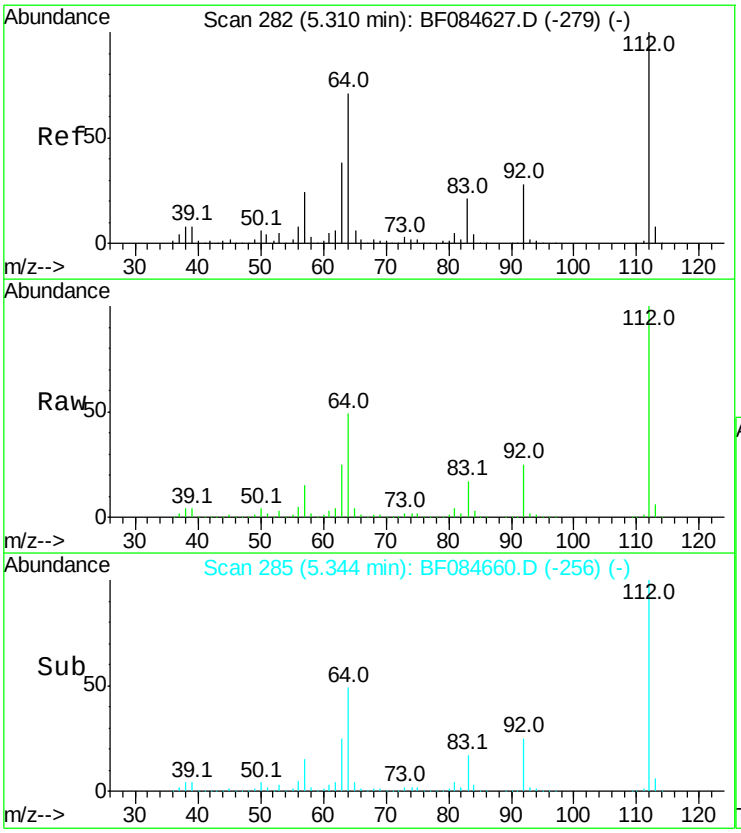
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion:152 Resp: 189361

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.4
115	58.6	51.4	77.2

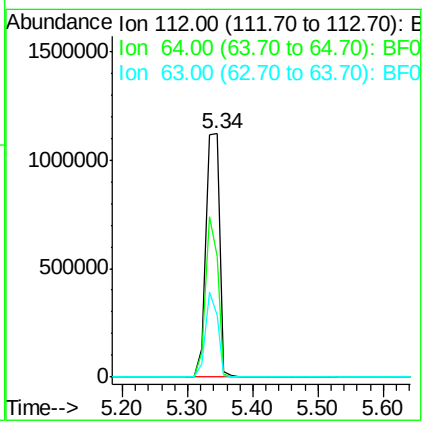


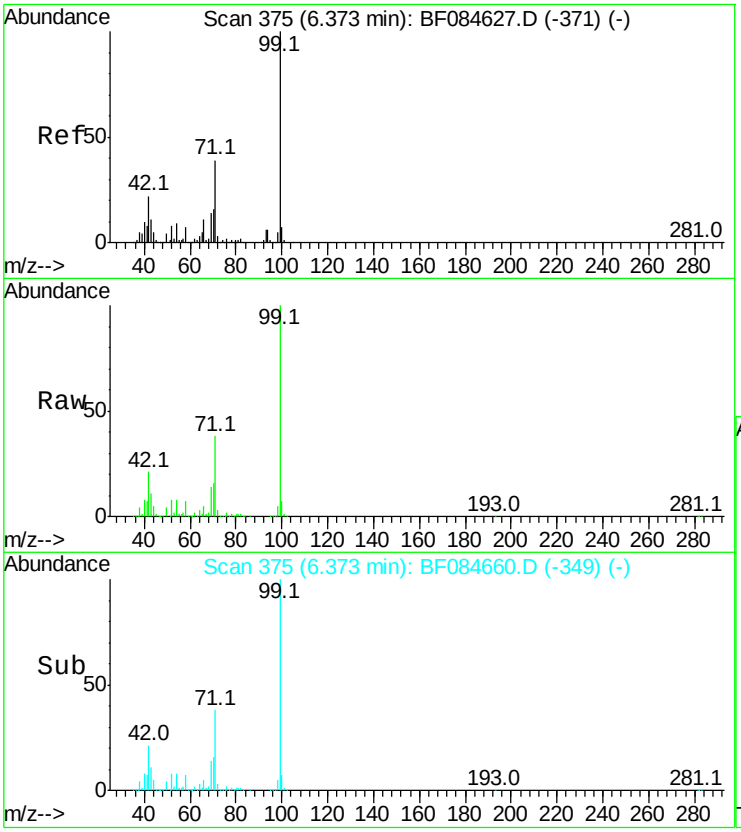


#5
2-Fluorophenol
Concen: 132.29 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.03 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Tgt Ion:112 Resp: 1659535

Ion	Ratio	Lower	Upper
112	100		
64	49.4	36.6	55.0
63	25.3	19.4	29.0



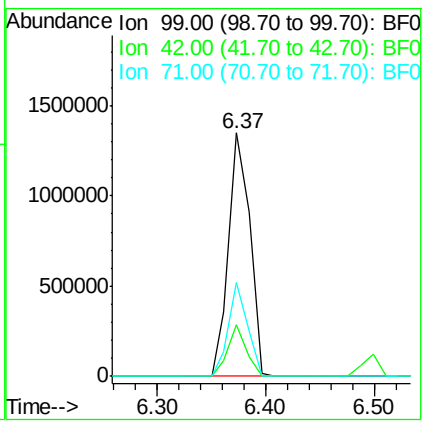


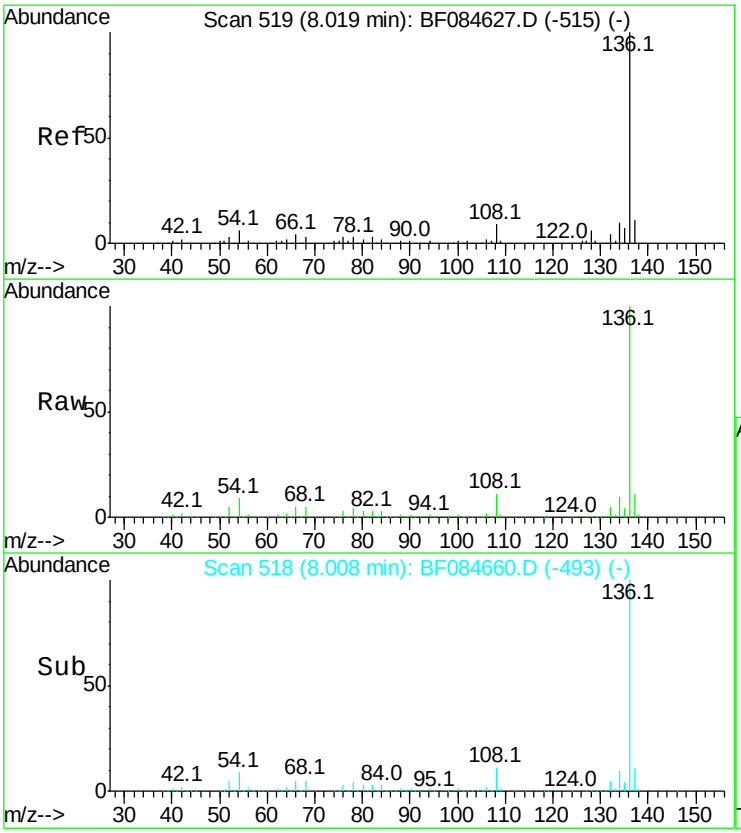
#7
Phenol-d6
Concen: 120.75 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion: 99 Resp: 1815512

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	38.5	30.9	46.3

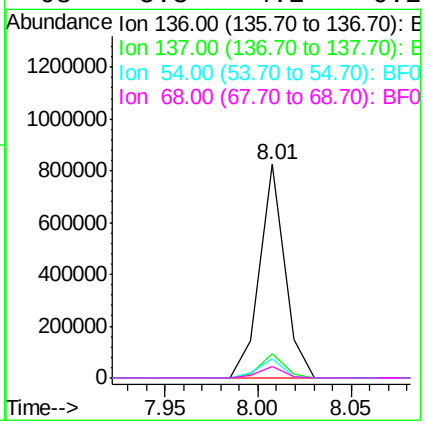


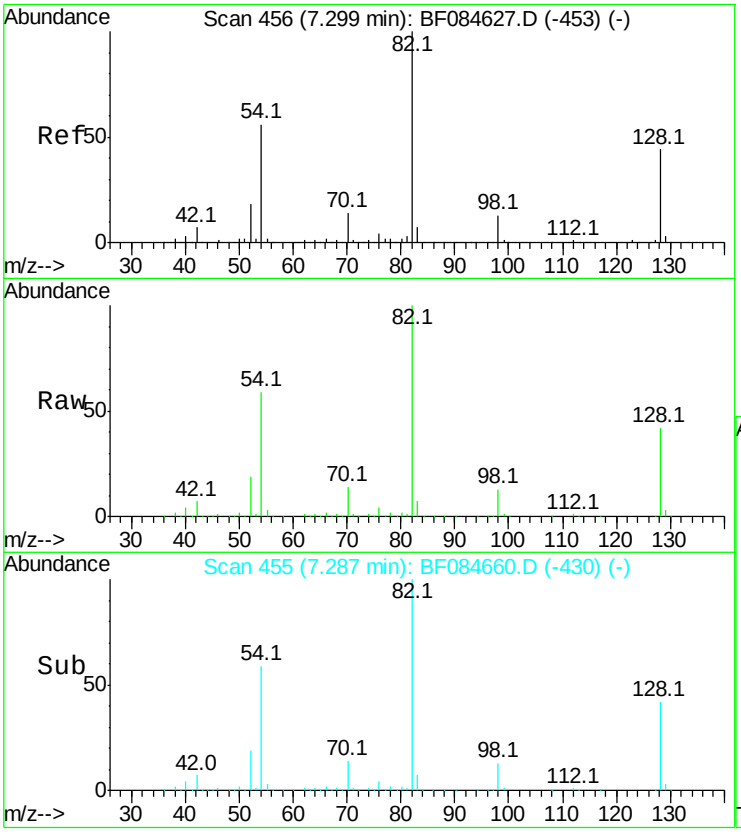


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Tgt Ion:136 Resp: 766594

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.2	5.8	8.8#
68	5.3	4.2	6.2



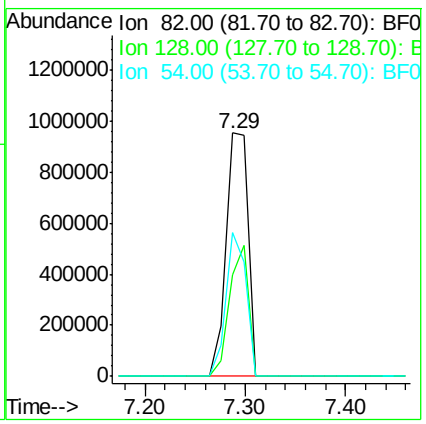


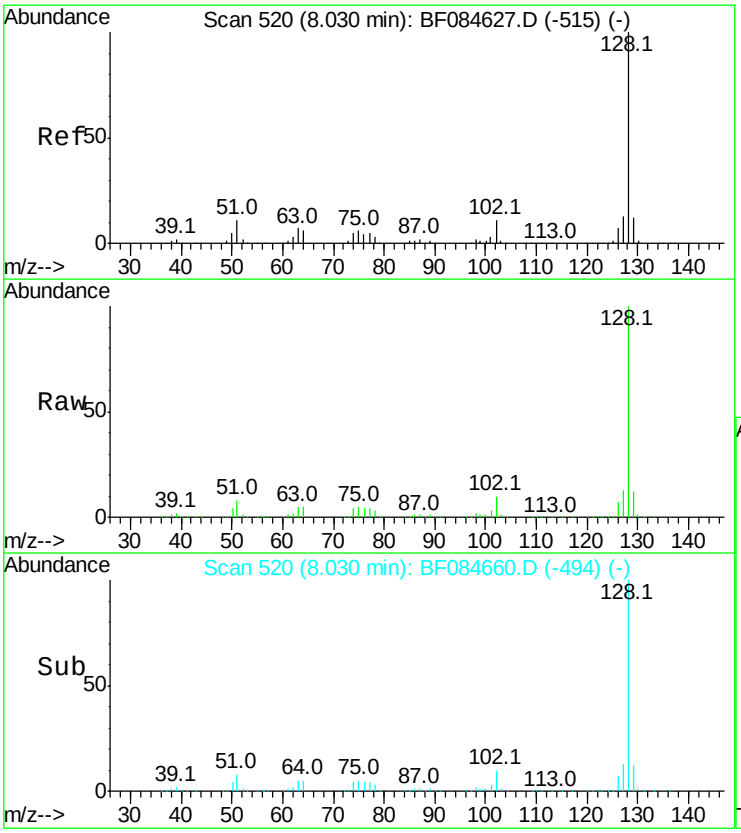
#23
Nitrobenzene-d5
Concen: 105.12 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion: 82 Resp: 1441881

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	59.1	38.4	57.6#

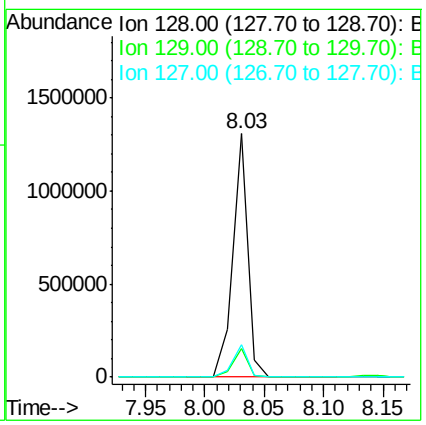


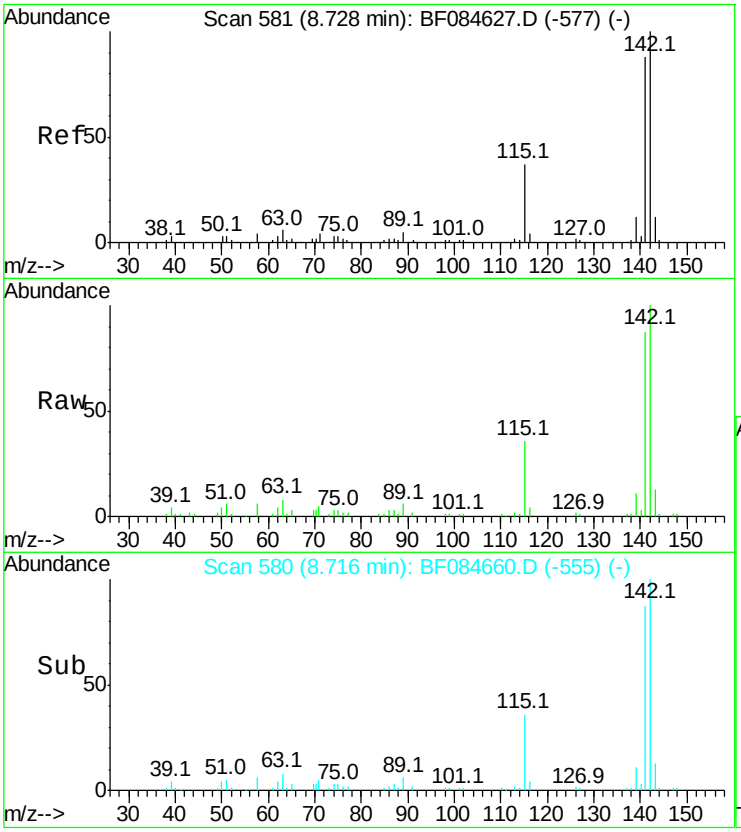


#31
Naphthalene
Concen: 29.47 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Tgt Ion:128 Resp: 1140317

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.3	11.1	16.7



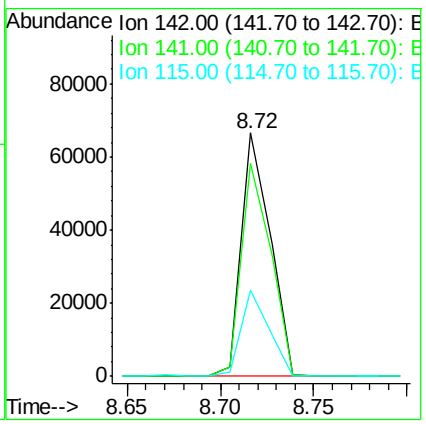


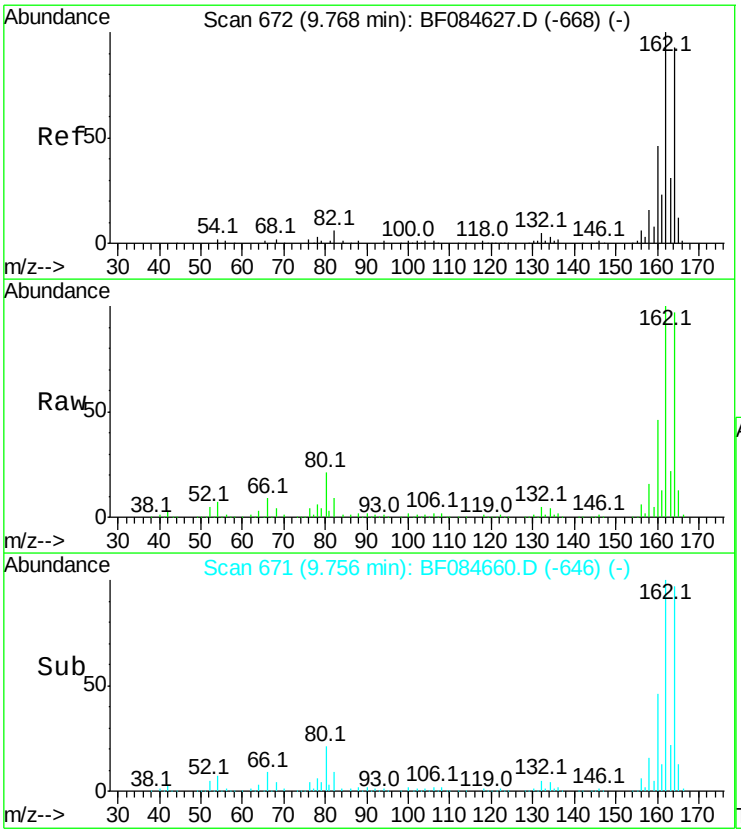
#37
2-Methylnaphthalene
Concen: 3.06 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion:142 Resp: 72648

Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.4	108.6
115	35.6	27.9	41.9

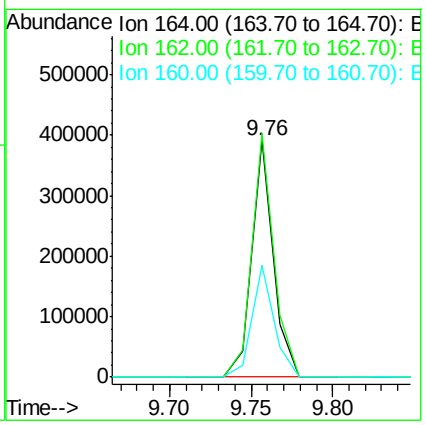


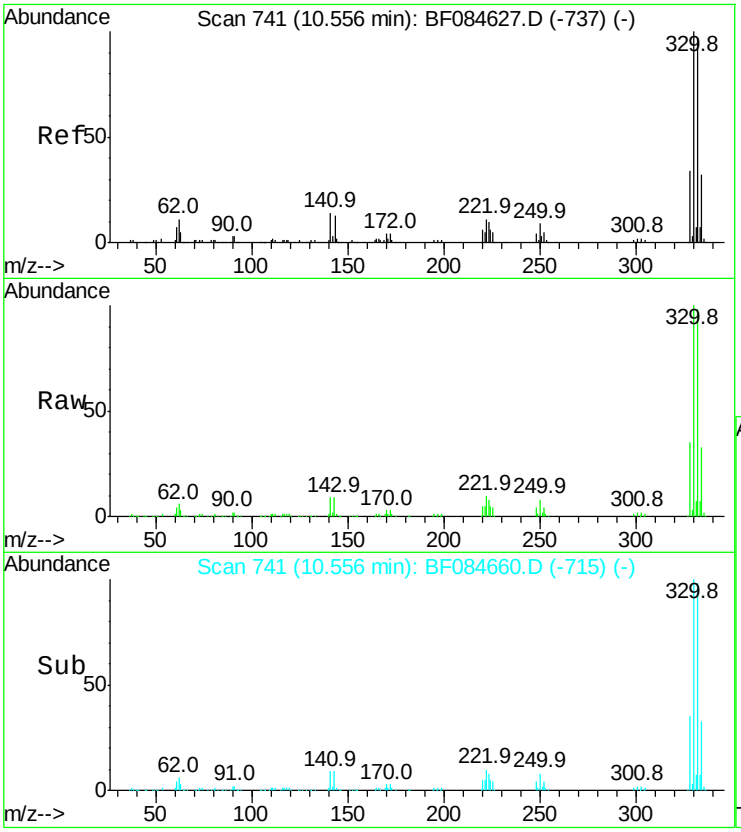


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Tgt Ion:164 Resp: 358002

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	47.3	37.5	56.3



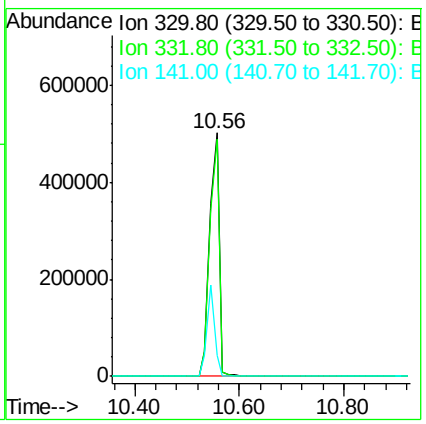


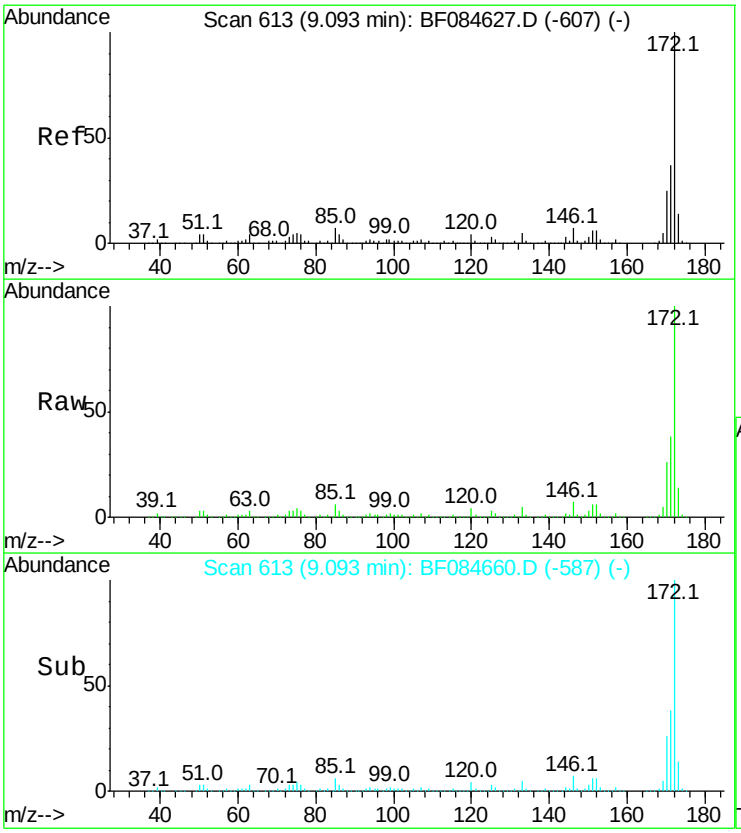
#41
2,4,6-Tribromophenol
Concen: 170.81 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion:330 Resp: 640901

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	30.4	27.8	41.6

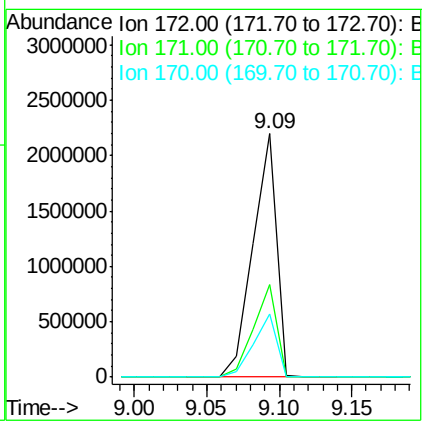


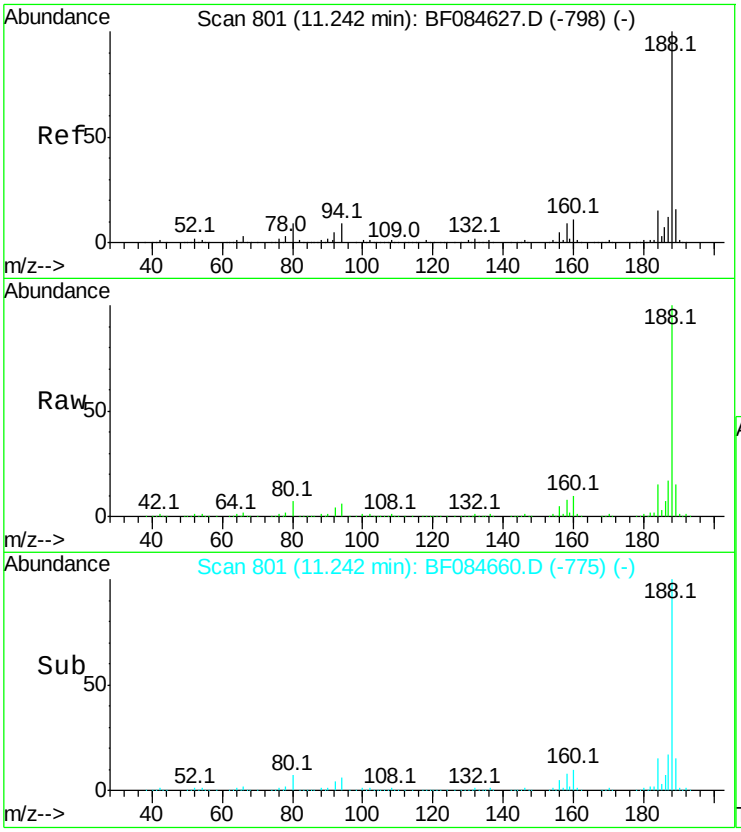


#44
2-Fluorobiphenyl
Concen: 103.07 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Tgt Ion:172 Resp: 2482456

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	26.0	18.6	27.8



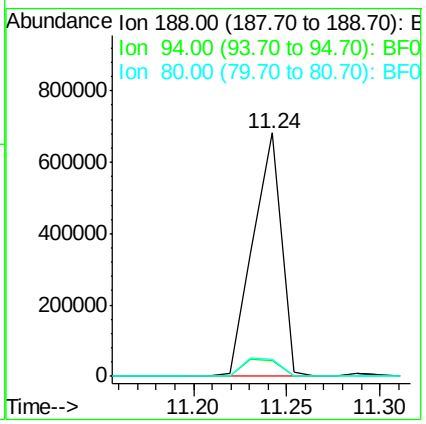


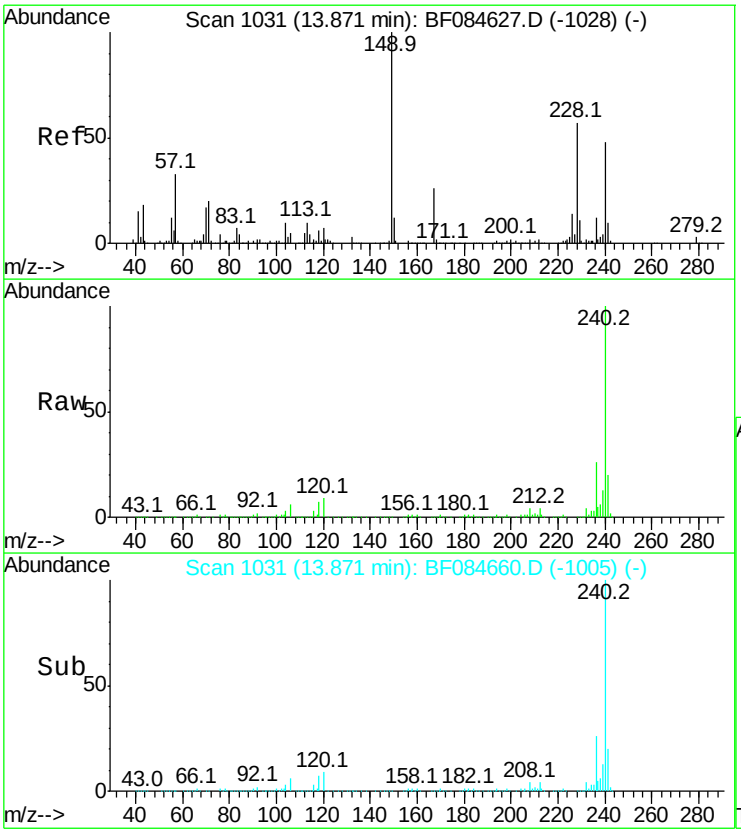
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion:188 Resp: 721235

Ion	Ratio	Lower	Upper
188	100		
94	6.5	9.0	13.4#
80	6.8	9.6	14.4#

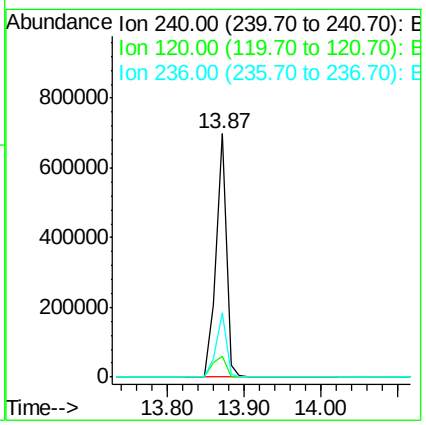


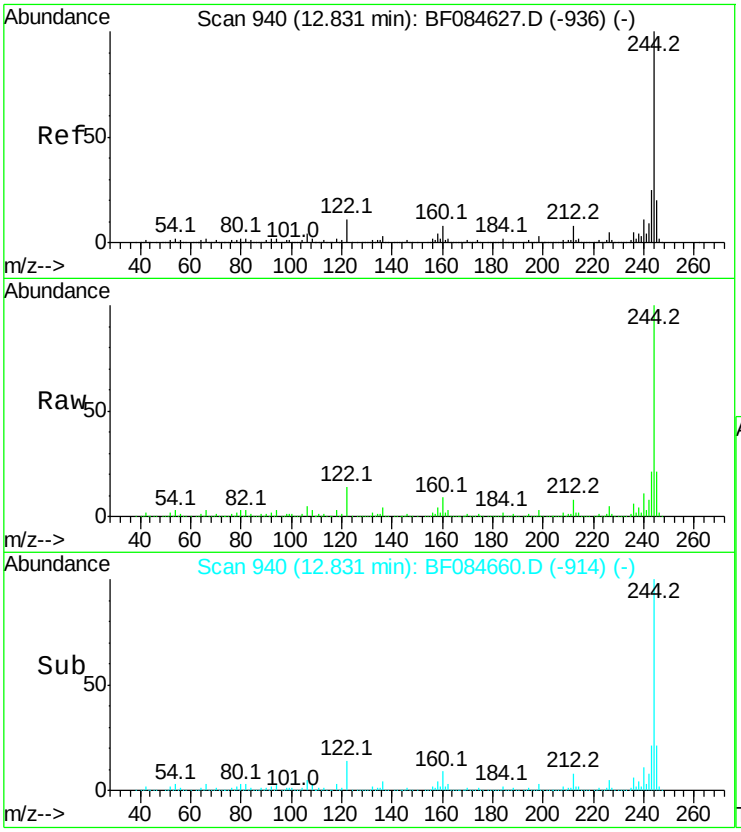


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Tgt Ion:240 Resp: 654703

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.2	20.6	31.0



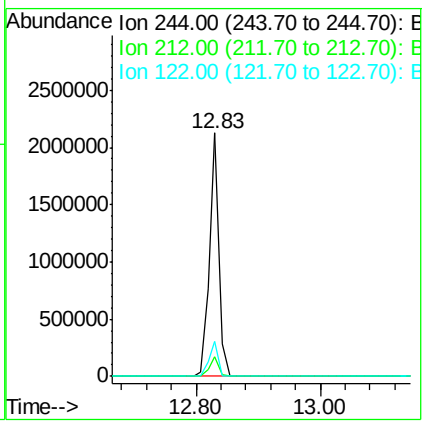


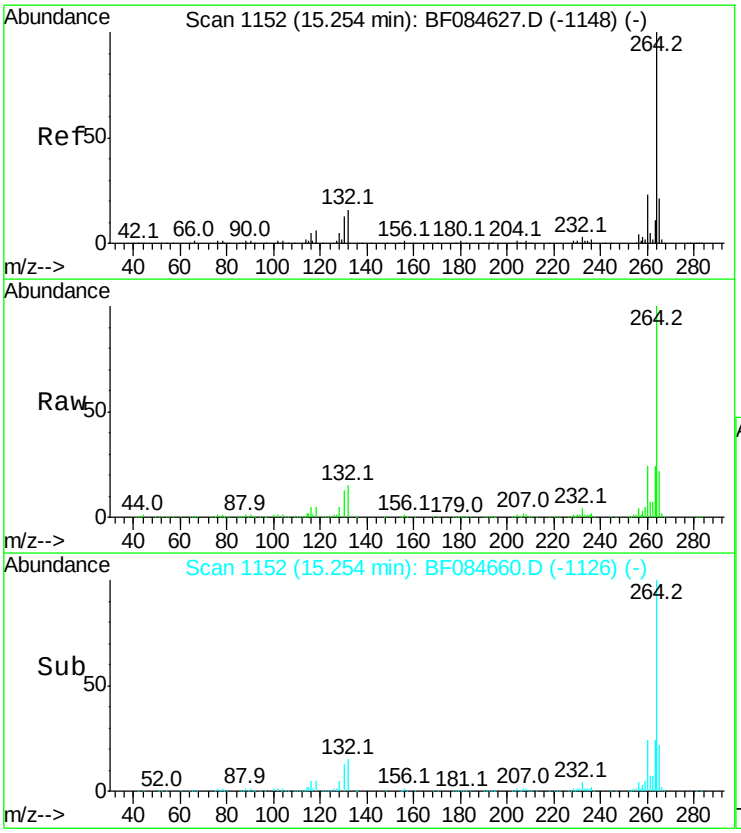
#78
Terphenyl-d14
Concen: 76.29 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SUP-B029(6-6.5)

Tgt Ion:244 Resp: 2211455

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	14.2	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084660.D
Acq: 30 Jan 2016 2:51

Tgt Ion:264 Resp: 331201

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.5	17.8	26.6