Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092289.D
Acq On : 16 Jan 2017 17:10
Operator : UM/SJ
Sample : I1196-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-36

Quant Time: Jan 17 01:12:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	200639	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	777496	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	516545	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	839626	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	728106	20.00	ng	-0.01
86) Perylene-d12	15.05	264	582143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	902105	75.07	ng	0.00
7) Phenol-d6	6.22	99	747333	50.94	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1384271	99.00	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	624760	146.15	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2461590	99.90	ng	0.00
78) Terphenyl-d14	12.66	244	2556775	85.16	ng	0.00
Target Compounds						Qvalue

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

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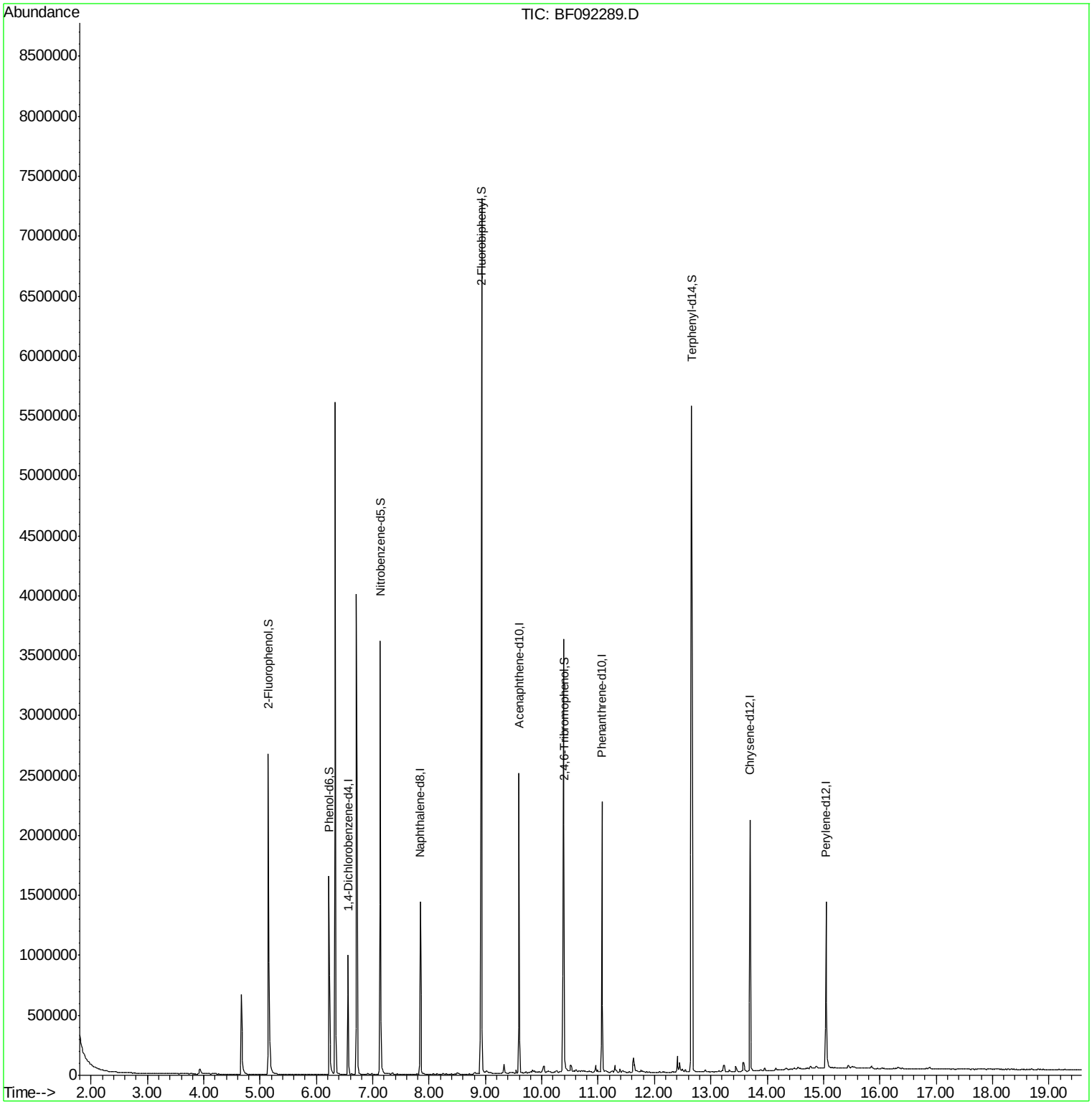
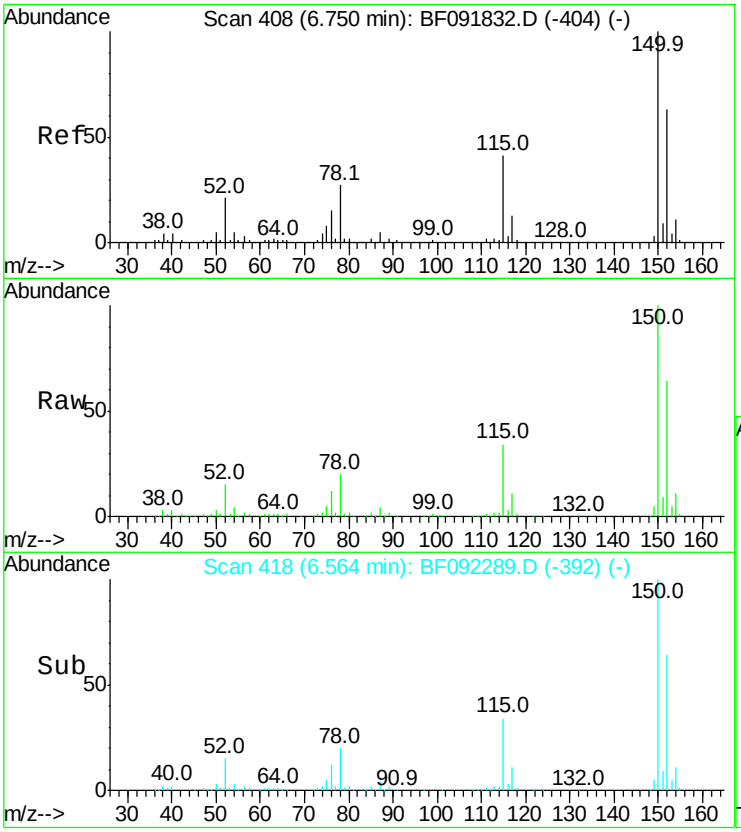


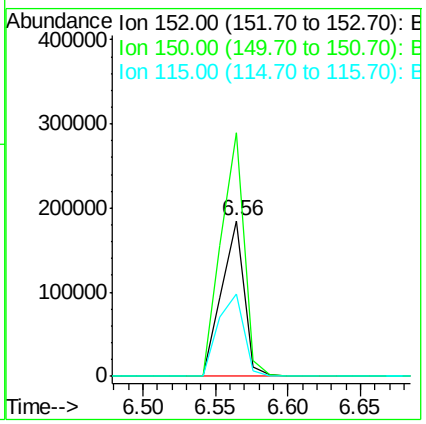


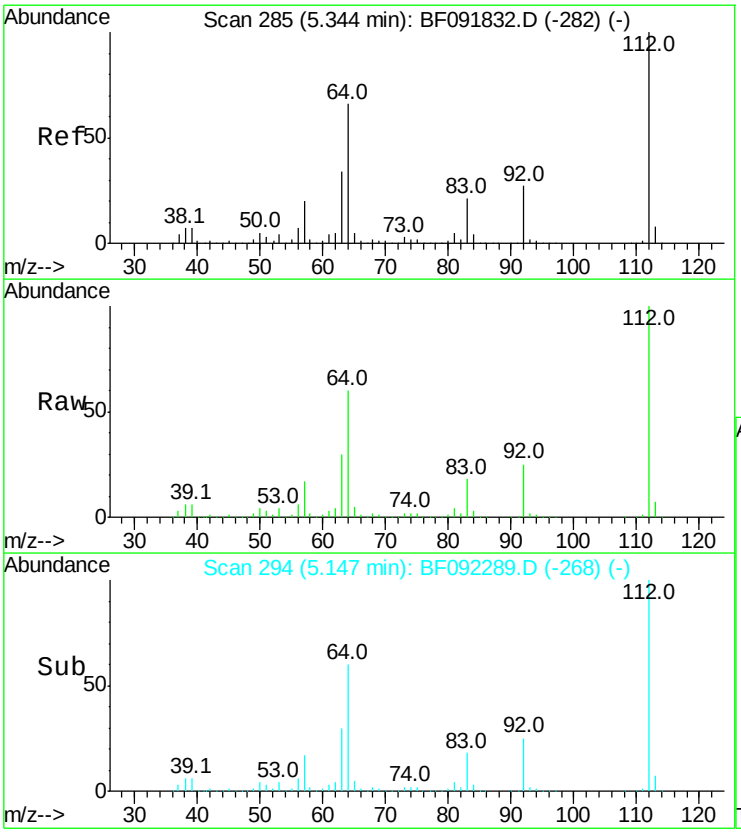
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:152 Resp: 200639

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	53.3	46.0	69.0

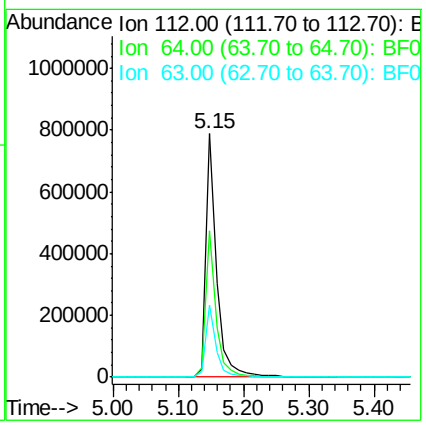


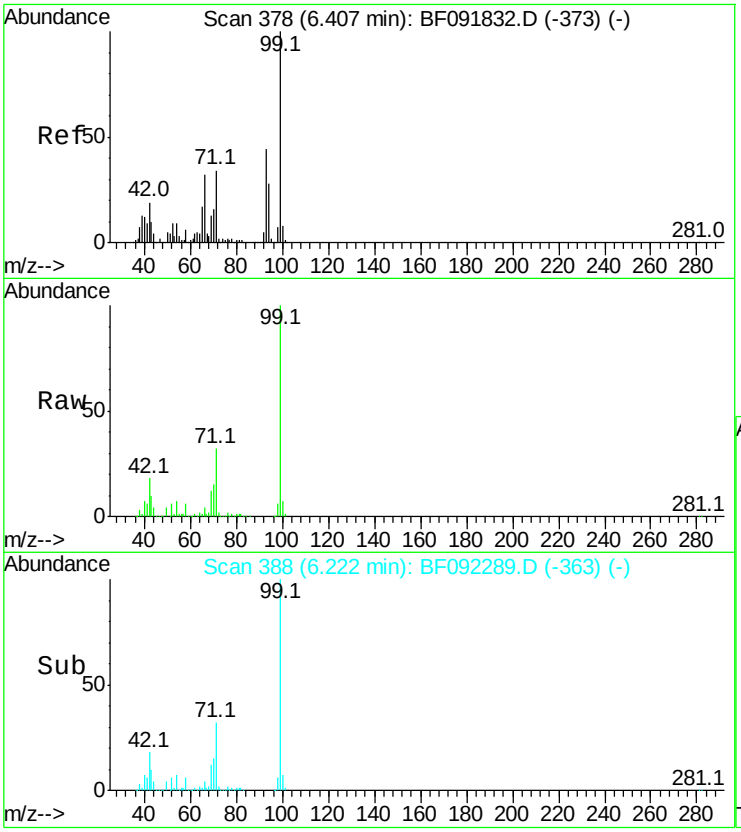


#5
2-Fluorophenol
Concen: 75.07 ng
RT: 5.15 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Tgt Ion:112 Resp: 902105

Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.1	69.1
63	29.9	23.8	35.6



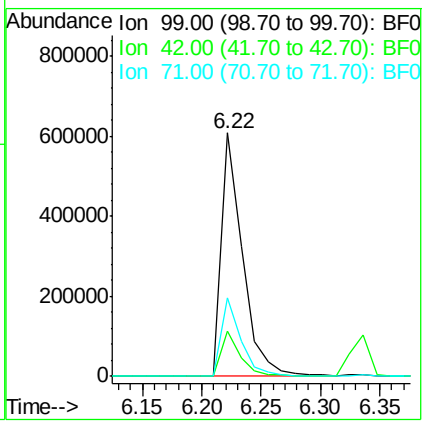


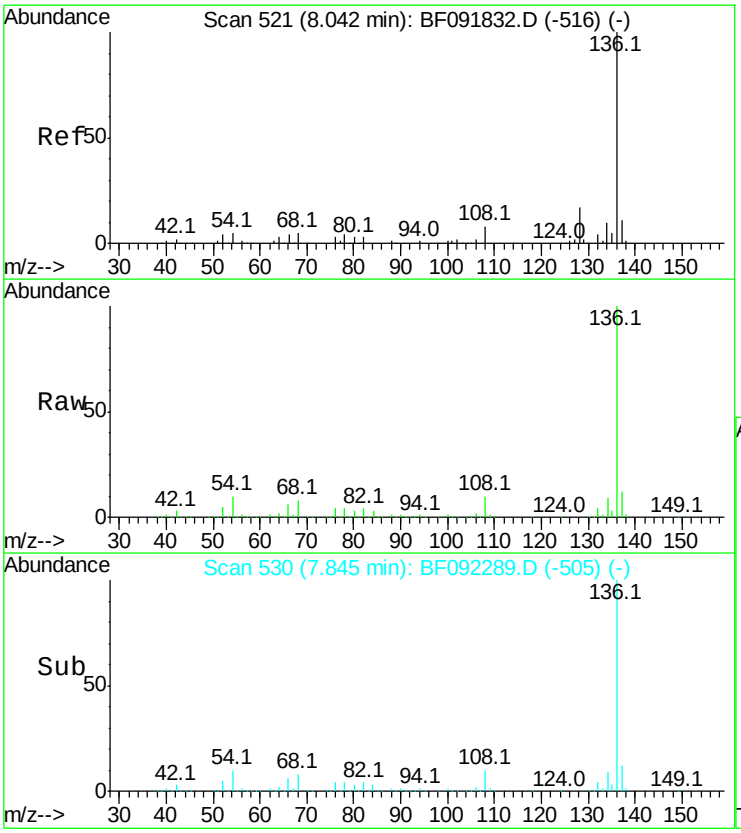
#7
Phenol-d6
Concen: 50.94 ng
RT: 6.22 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion: 99 Resp: 747333

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.6	23.4
71	32.2	27.5	41.3

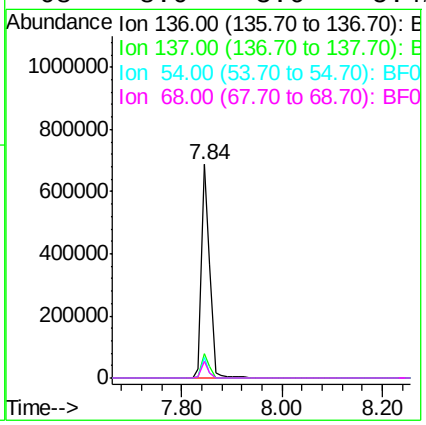


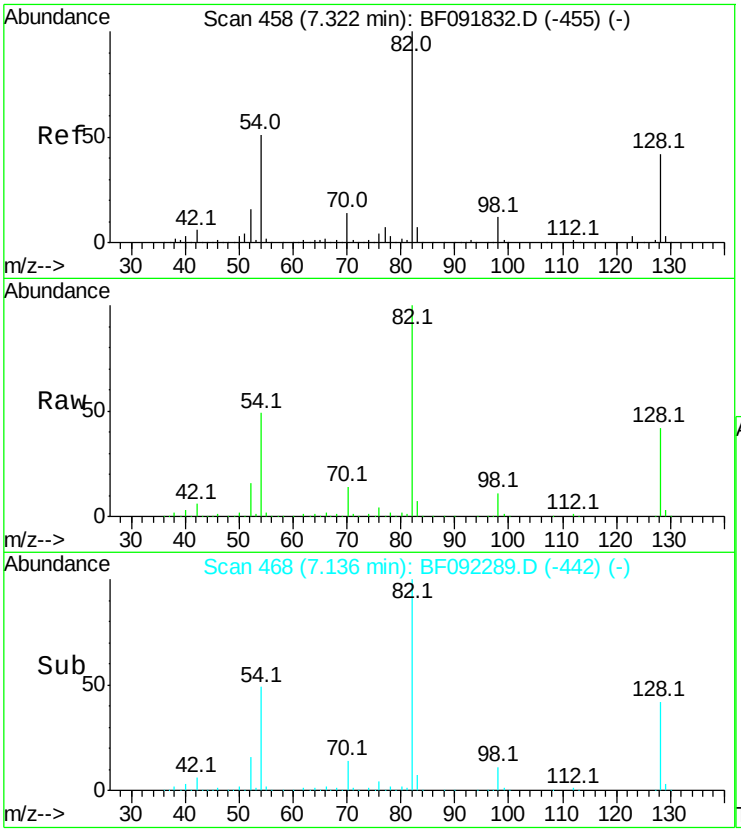


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Tgt Ion:136 Resp: 777496

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	9.8	4.5	6.7#
68	8.0	3.6	5.4#



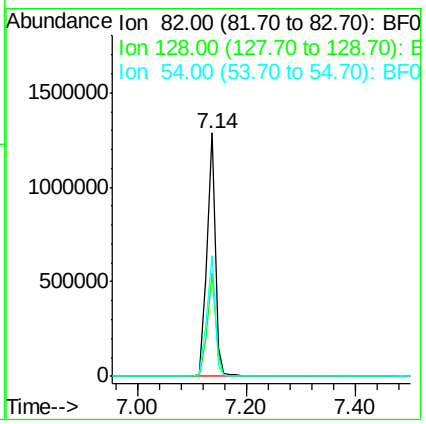


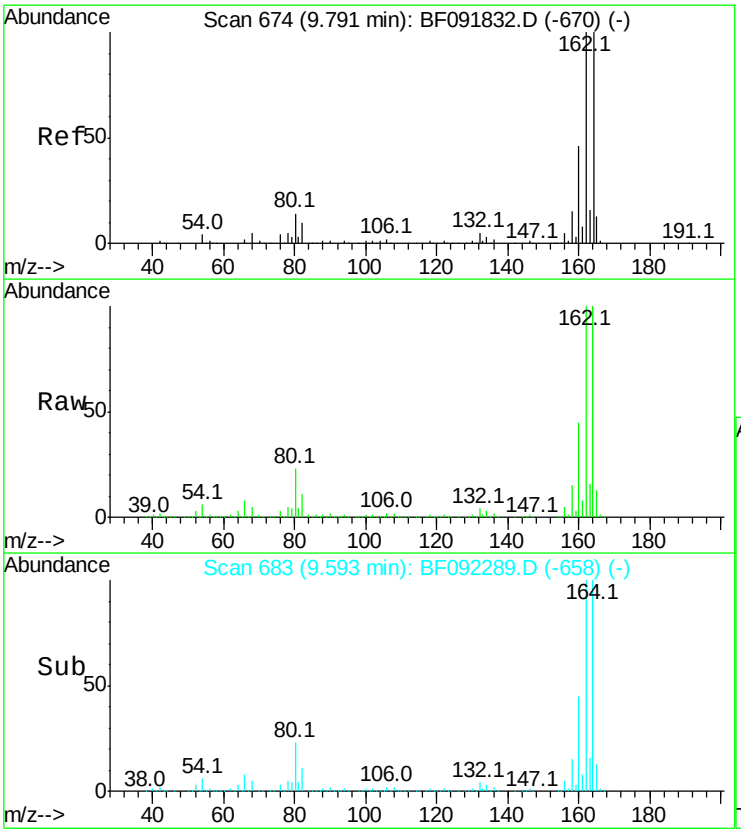
#23
Nitrobenzene-d5
Concen: 99.00 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion: 82 Resp: 1384271

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	49.4	39.5	59.3

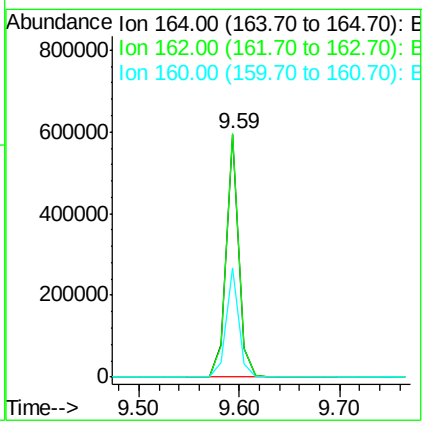


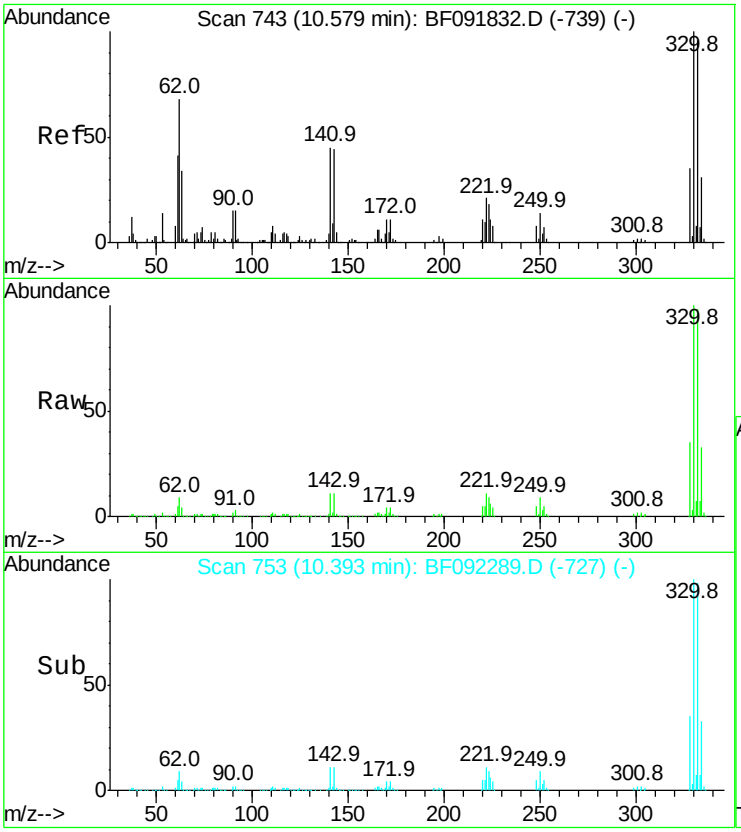


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Tgt Ion:164 Resp: 516545

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	45.2	36.9	55.3



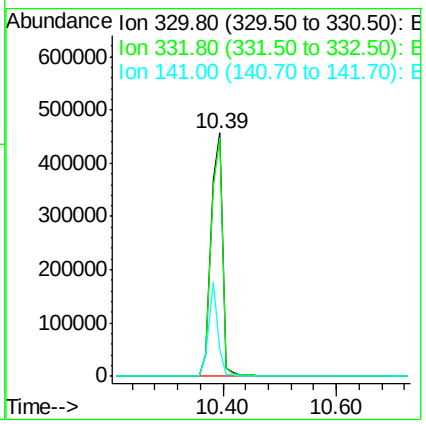


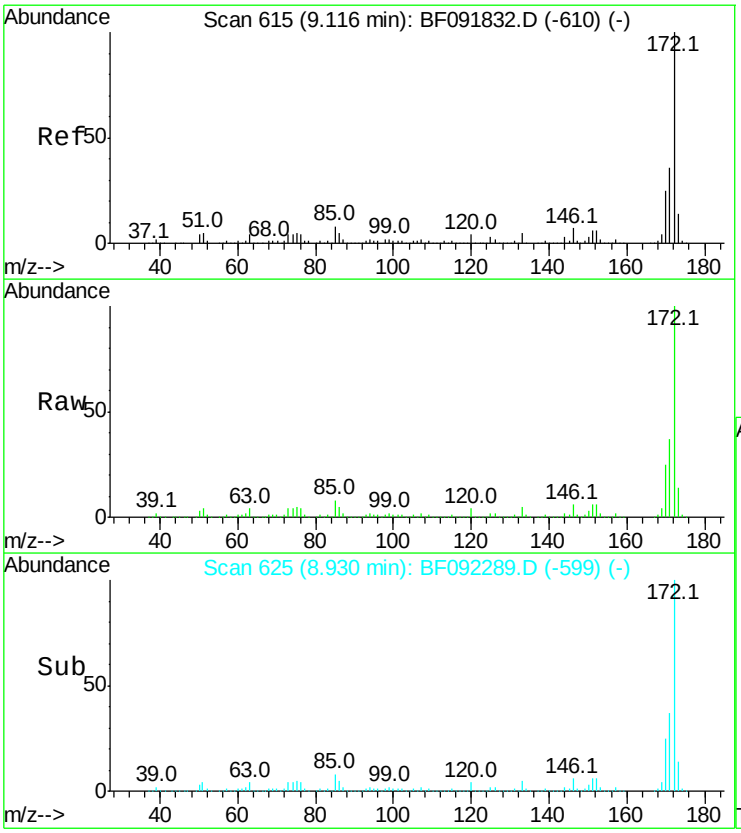
#41
2,4,6-Tribromophenol
Concen: 146.15 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:330 Resp: 624760

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	31.2	34.1	51.1#

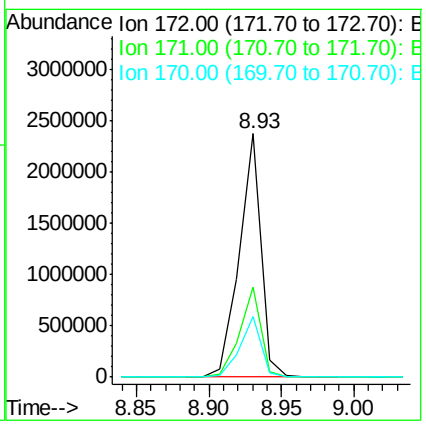


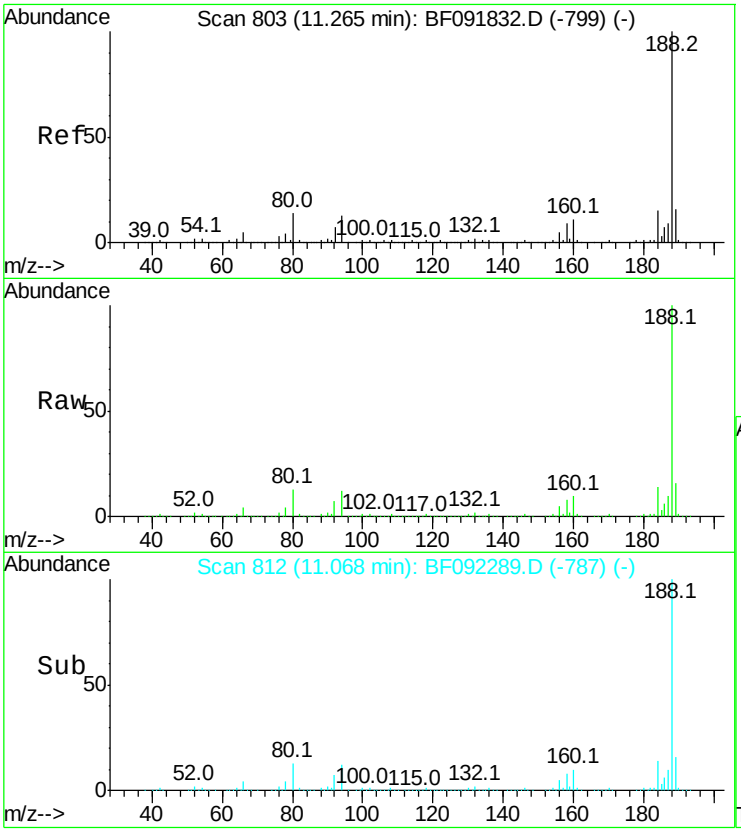


#44
2-Fluorobiphenyl
Concen: 99.90 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Tgt Ion:172 Resp: 2461590

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.9	20.2	30.4



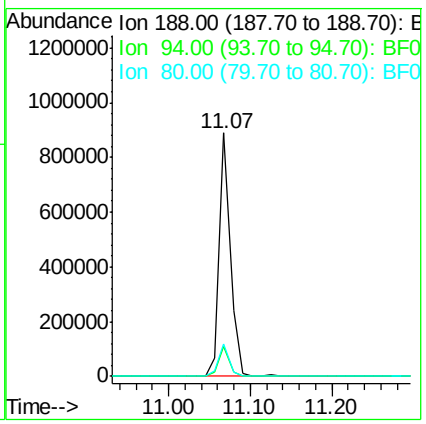


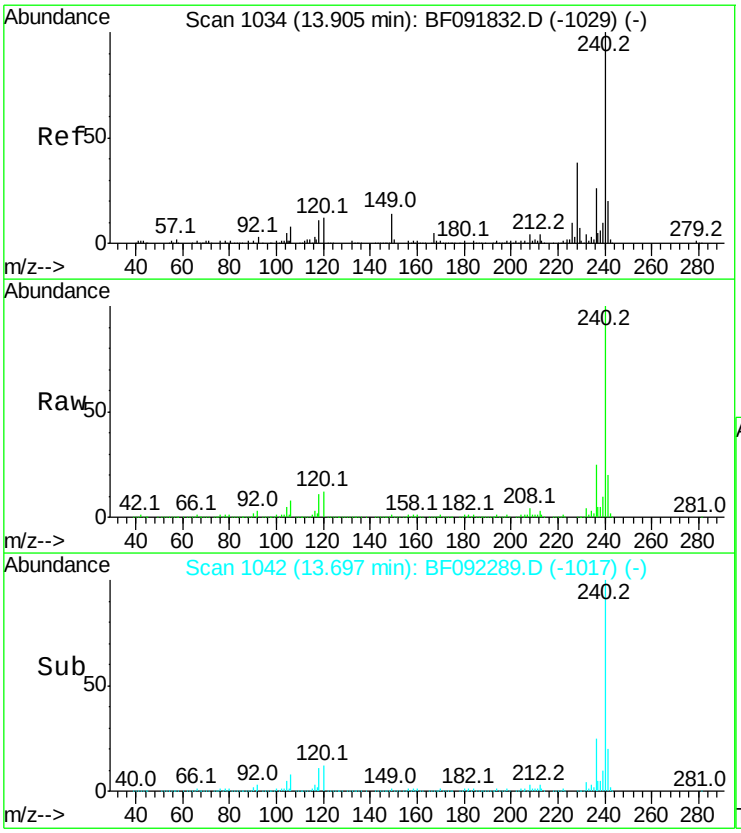
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:188 Resp: 839626

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.3	11.2	16.8

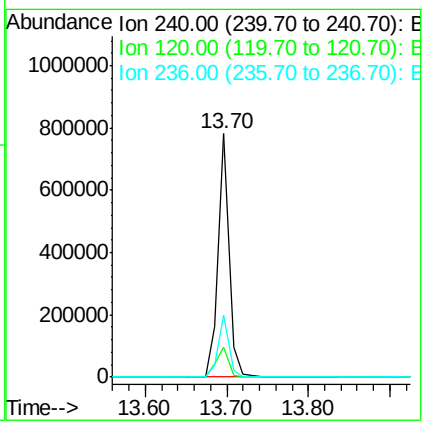


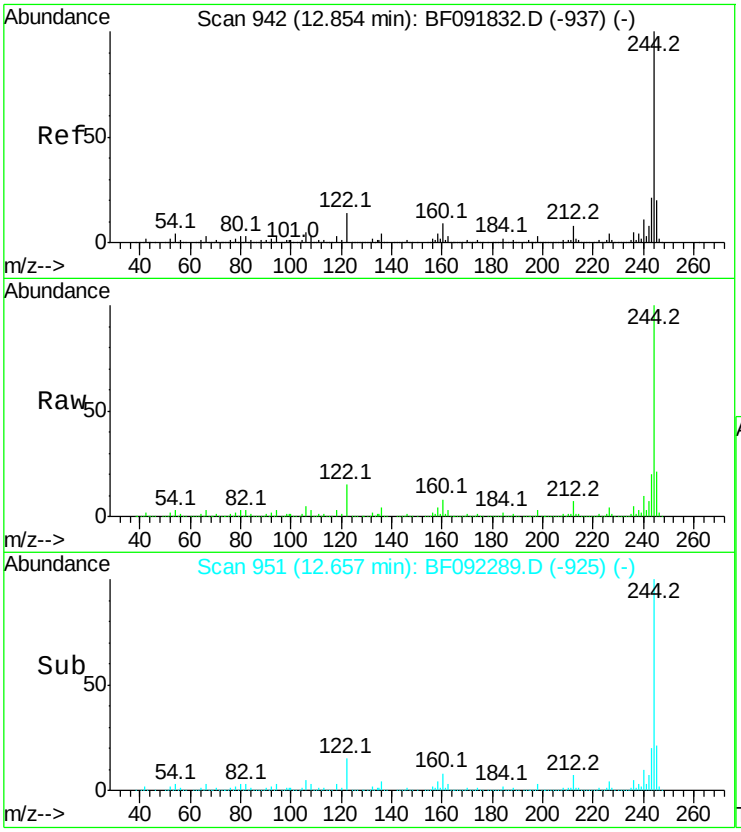


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Tgt Ion:240 Resp: 728106

Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.9	19.3#
236	25.4	20.9	31.3



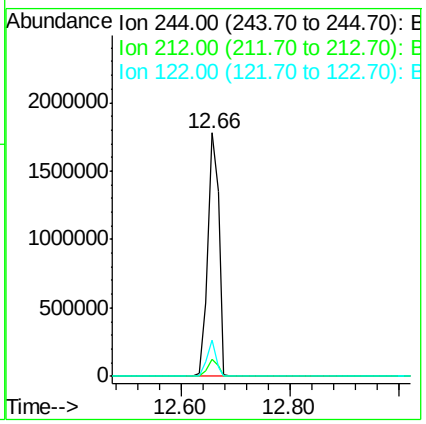


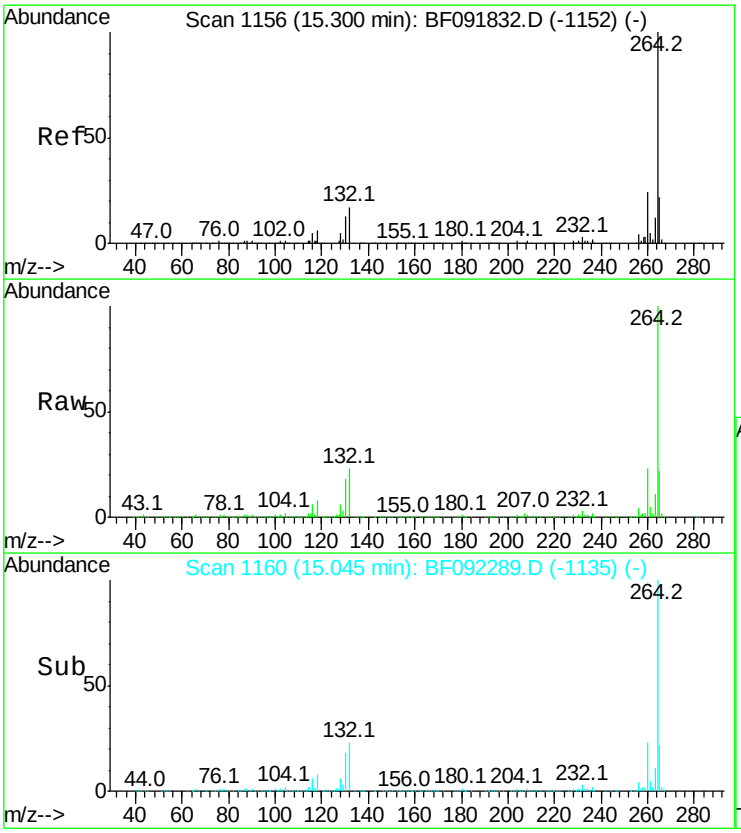
#78
Terphenyl-d14
Concen: 85.16 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
W-36

Tgt Ion:244 Resp: 2556775

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	14.9	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF092289.D
Acq: 16 Jan 2017 17:10

Tgt Ion:264 Resp: 582143

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.4	26.0