Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
Data File : BF092329.D
Acq On : 17 Jan 2017 21:26
Operator : UM/SJ
Sample : I1242-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-51

Quant Time: Jan 18 00:45:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	206532	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	913061	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	477666	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	817253	20.00	ng	0.00
75) Chrysene-d12	13.69	240	558797	20.00	ng	-0.01
86) Perylene-d12	15.05	264	387588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	769840	62.24	ng	0.00
7) Phenol-d6	6.21	99	626410	41.48	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1193912	72.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	548781	138.82	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2233786	97.75	ng	0.00
78) Terphenyl-d14	12.66	244	2287825	99.30	ng	0.01
Target Compounds						Qvalue

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

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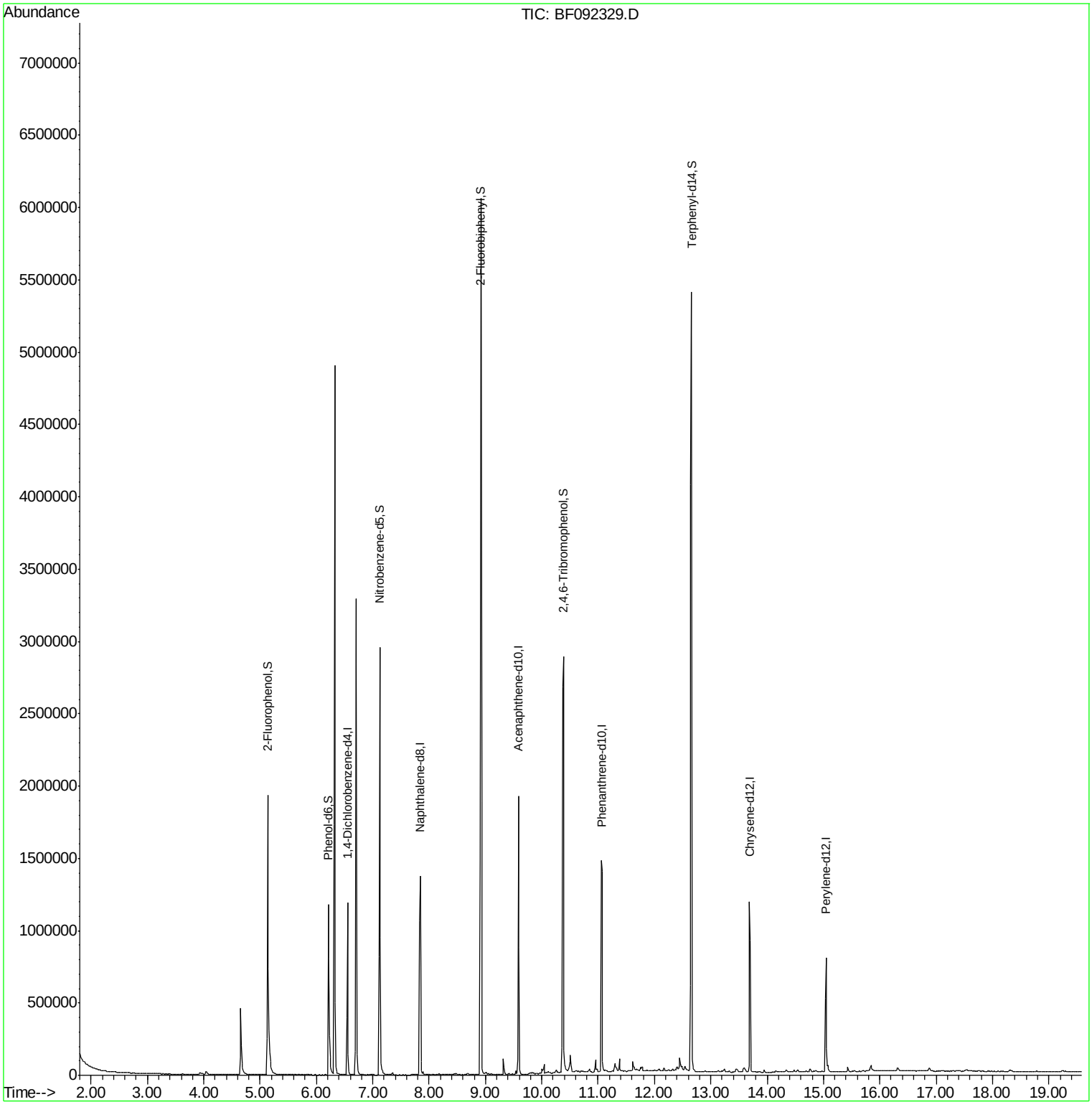
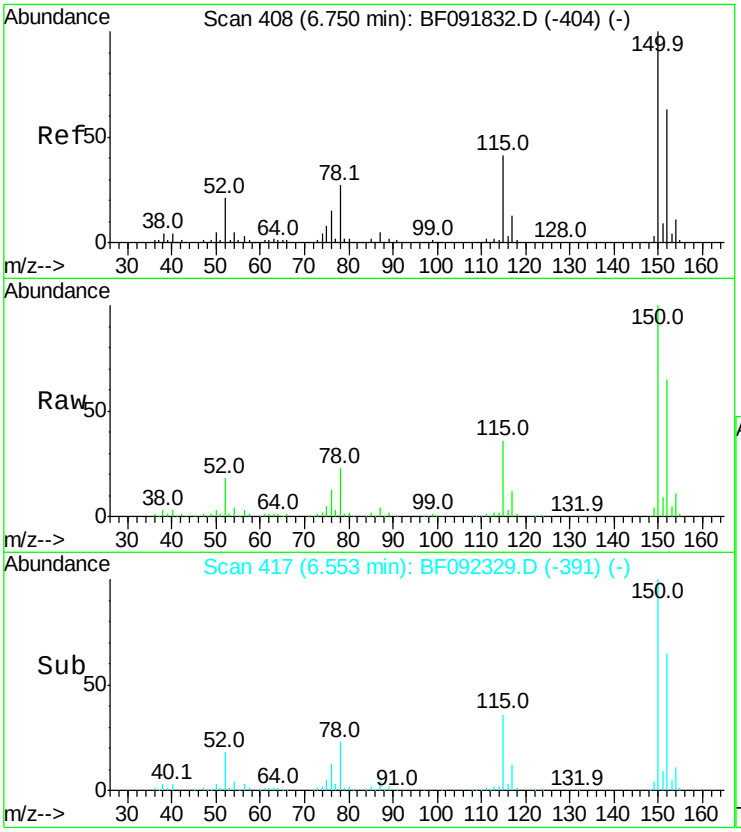


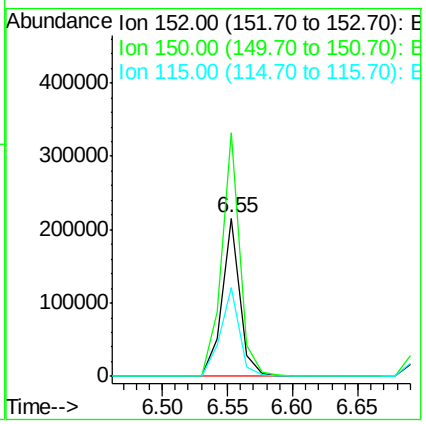


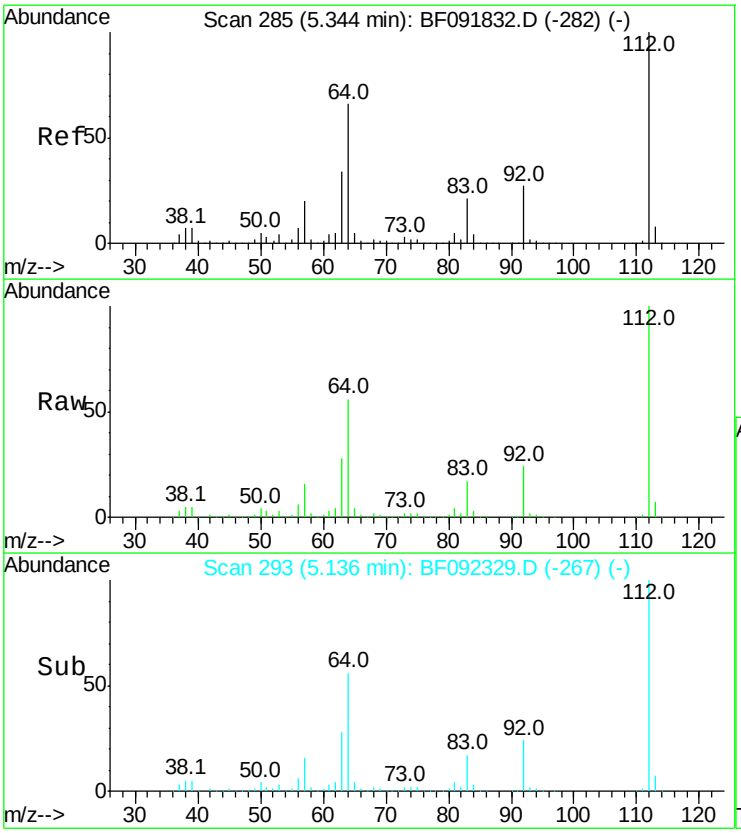
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
W-51

Tgt Ion:152 Resp: 206532

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.9	187.3
115	56.0	46.0	69.0

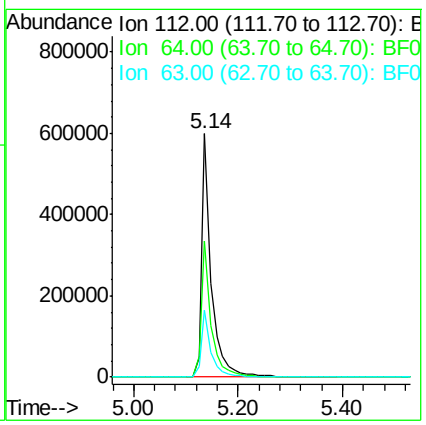


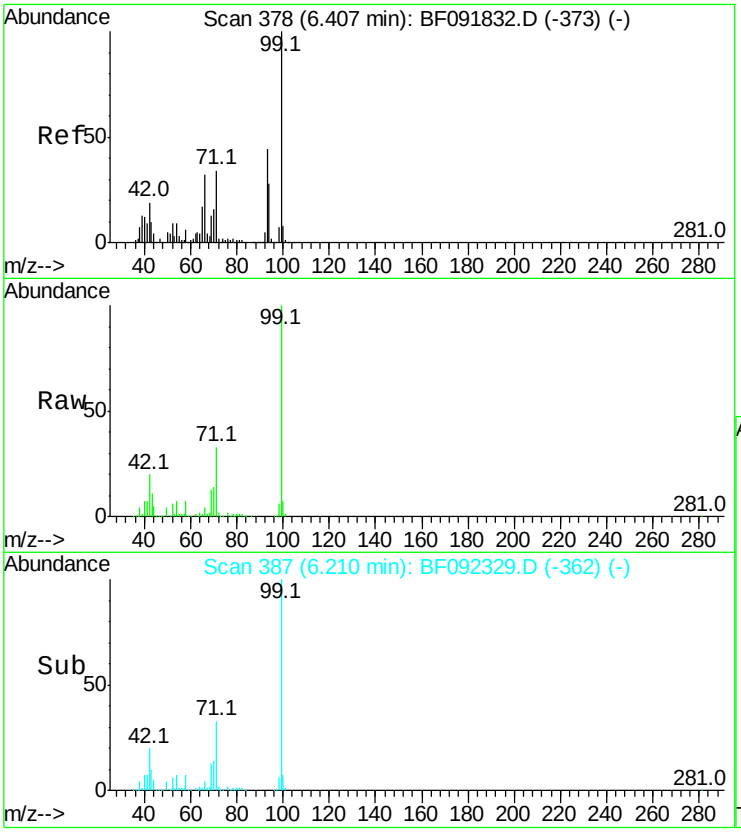


#5
2-Fluorophenol
Concen: 62.24 ng
RT: 5.14 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:112 Resp: 769840

Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.1	69.1
63	27.5	23.8	35.6



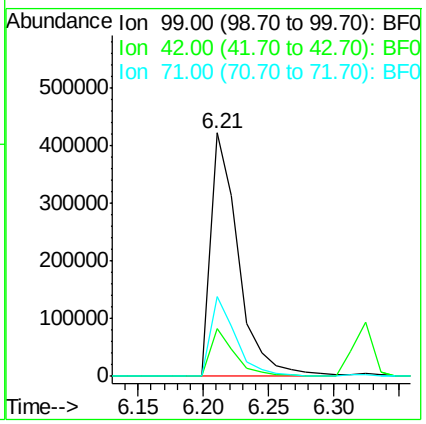


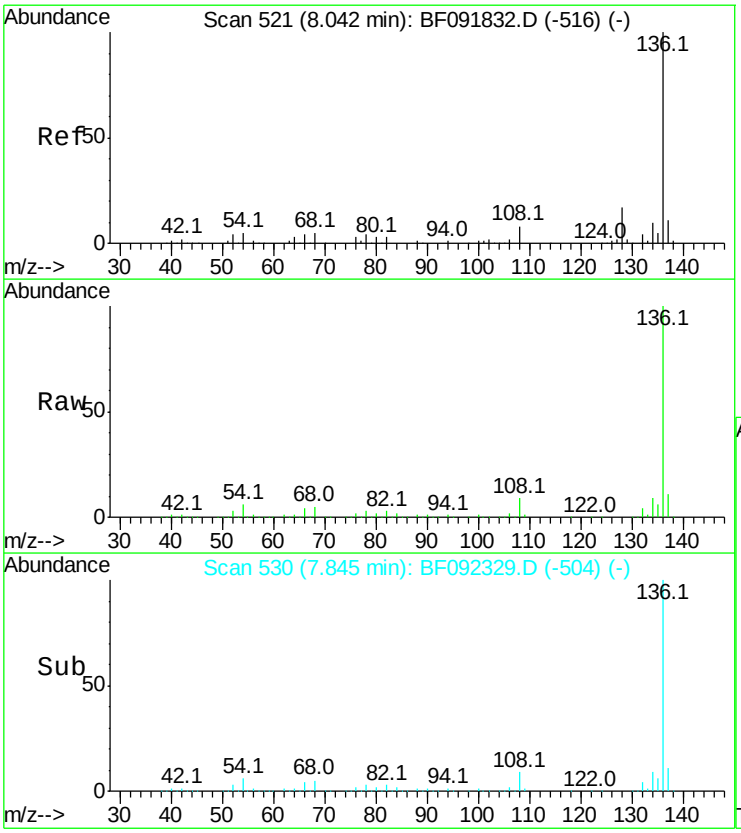
#7
Phenol-d6
Concen: 41.48 ng
RT: 6.21 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
W-51

Tgt Ion: 99 Resp: 626410

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.6	23.4
71	32.6	27.5	41.3

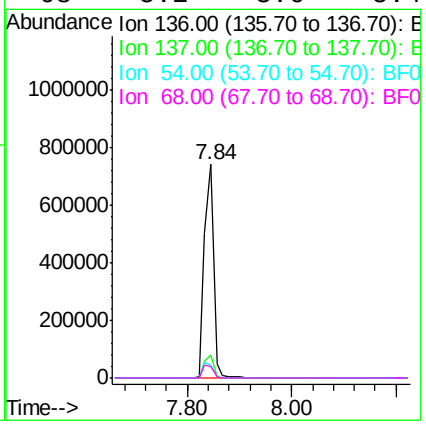


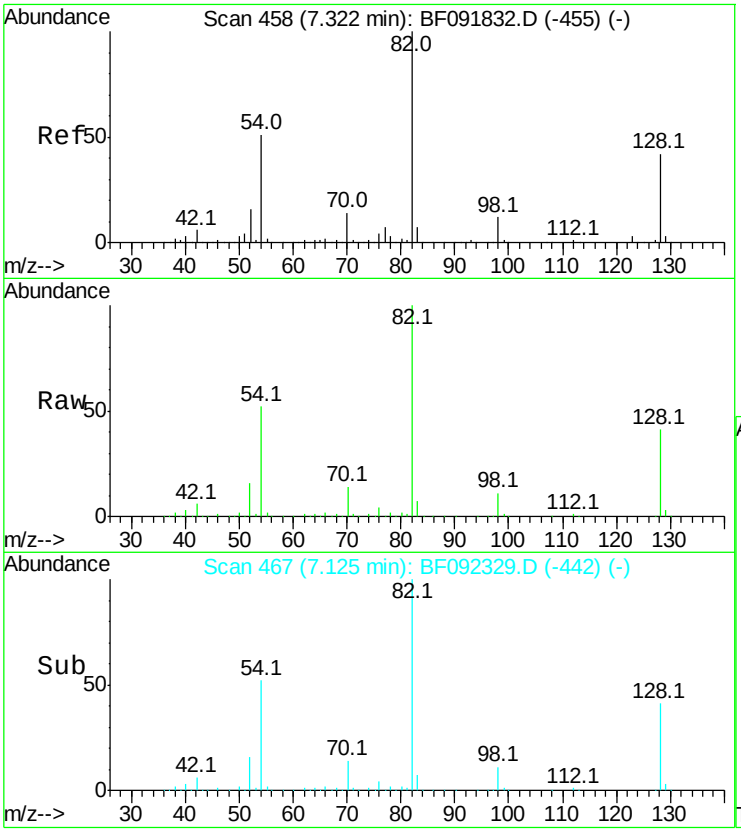


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:136 Resp: 913061

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.8	4.5	6.7
68	5.2	3.6	5.4



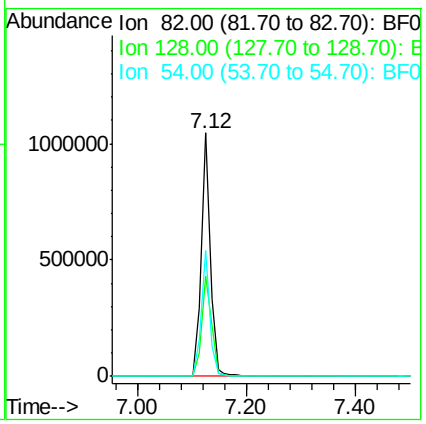


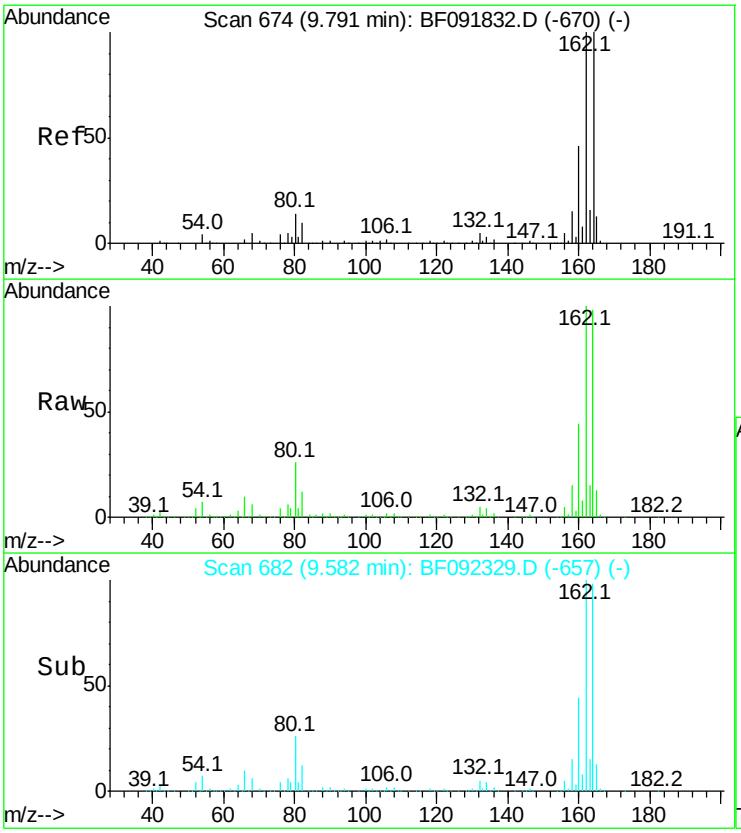
#23
Nitrobenzene-d5
Concen: 72.71 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
W-51

Tgt Ion: 82 Resp: 1193912

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	51.5	39.5	59.3

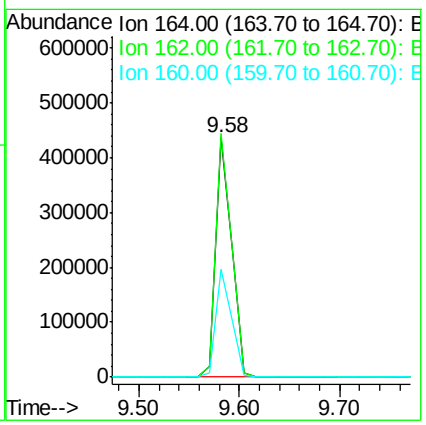


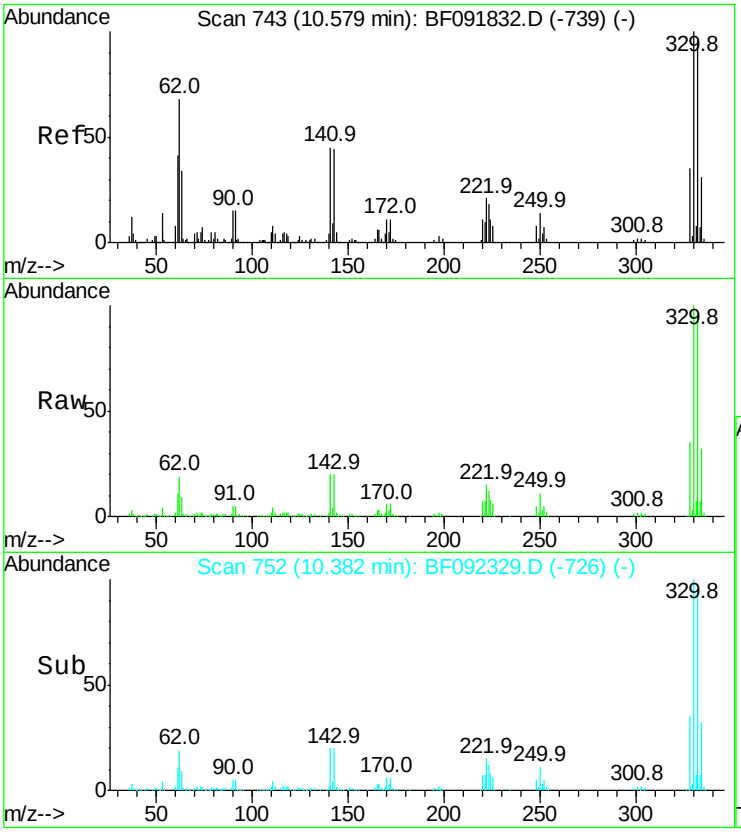


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:164 Resp: 477666

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	45.1	36.9	55.3



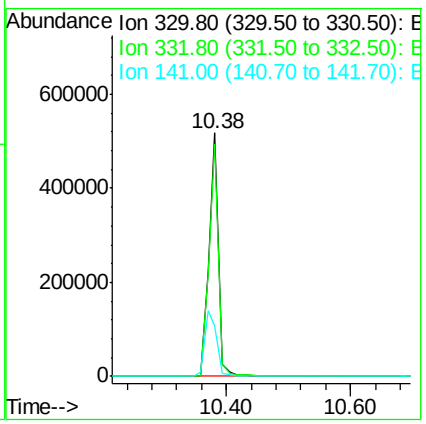


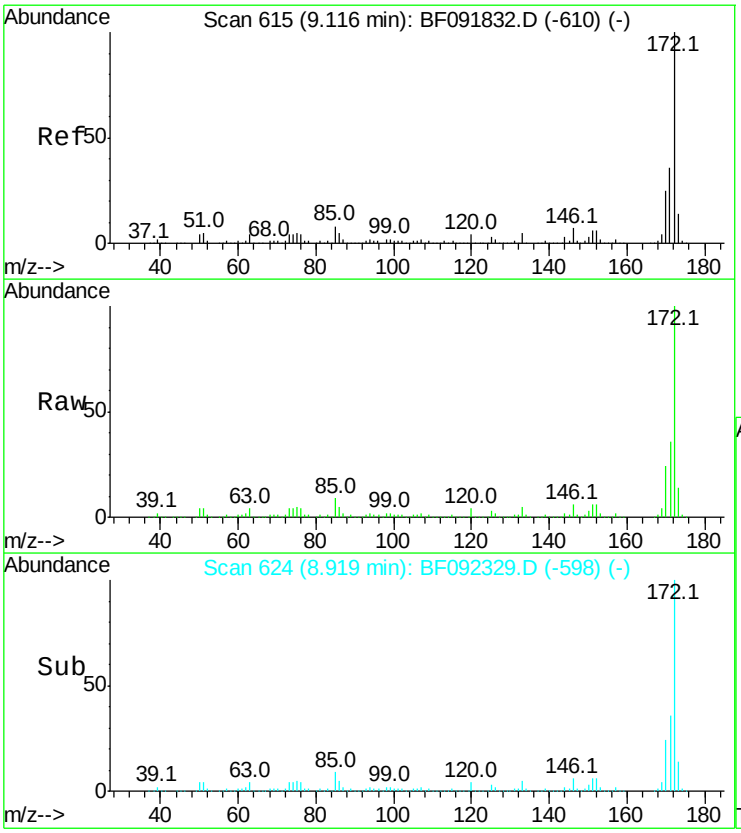
#41
2,4,6-Tribromophenol
Concen: 138.82 ng
RT: 10.38 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
W-51

Tgt Ion:330 Resp: 548781

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	33.3	34.1	51.1#

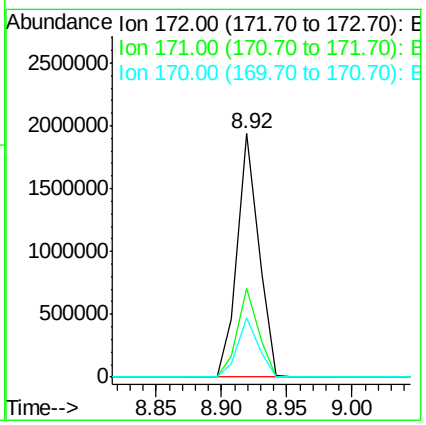


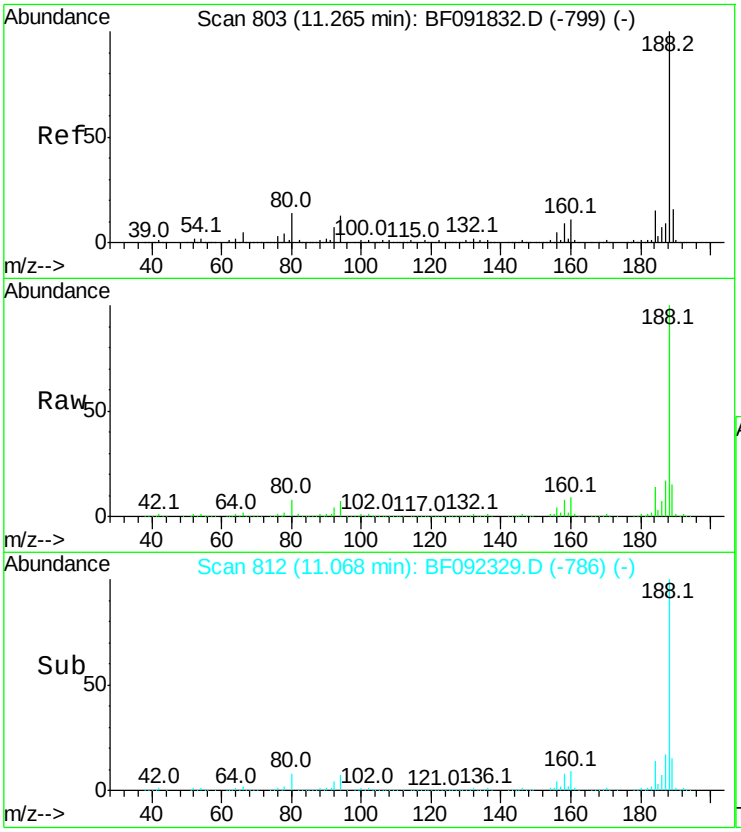


#44
2-Fluorobiphenyl
Concen: 97.75 ng
RT: 8.92 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:172 Resp: 2233786

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4



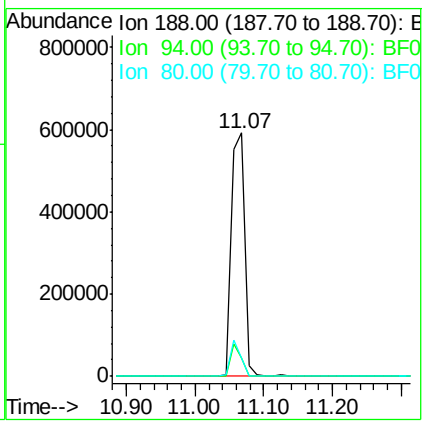


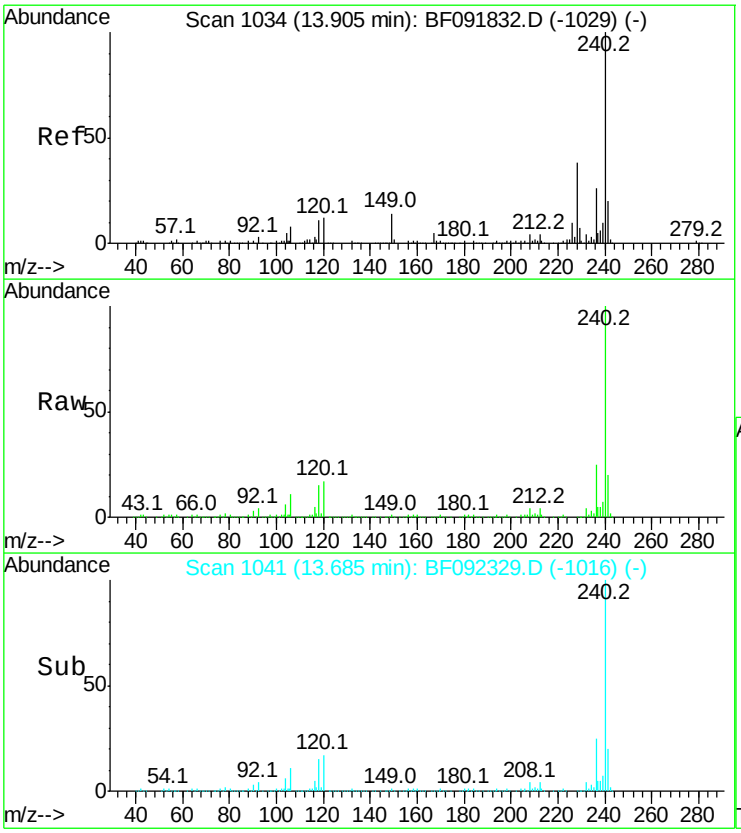
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
W-51

Tgt Ion:188 Resp: 817253

Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.0	15.0#
80	7.8	11.2	16.8#

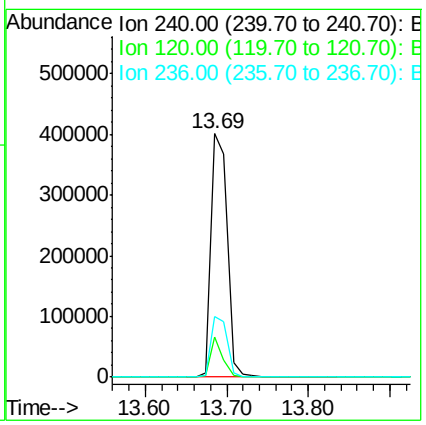


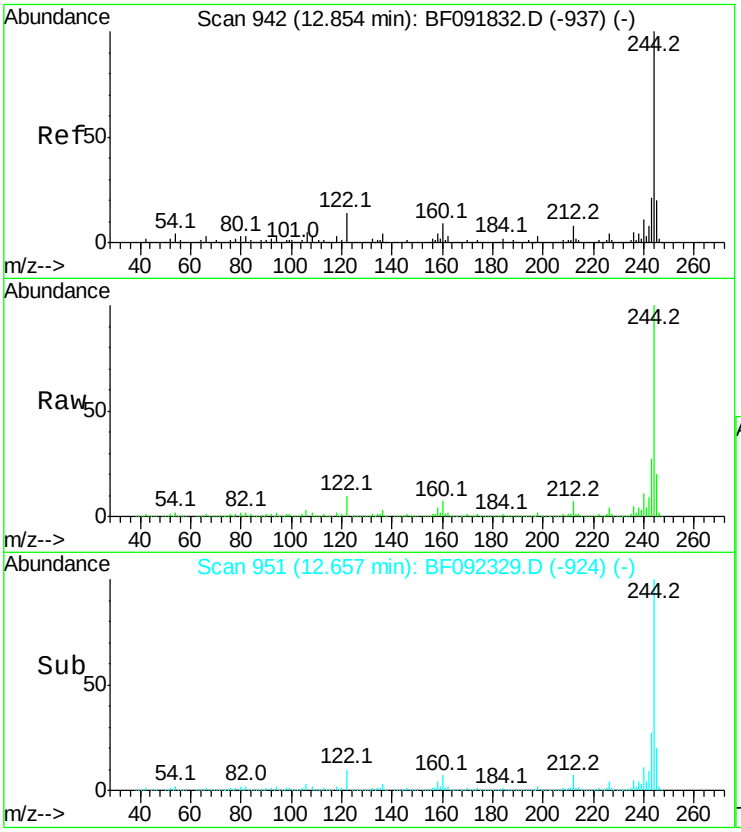


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:240 Resp: 558797

Ion	Ratio	Lower	Upper
240	100		
120	16.7	12.9	19.3
236	24.6	20.9	31.3



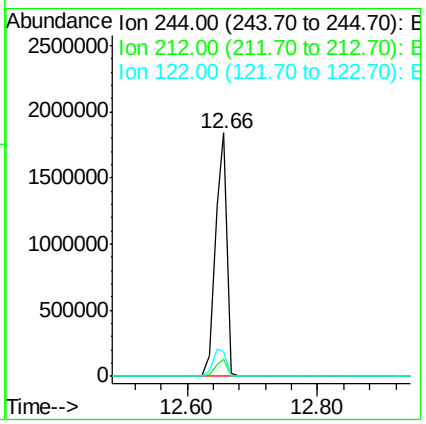


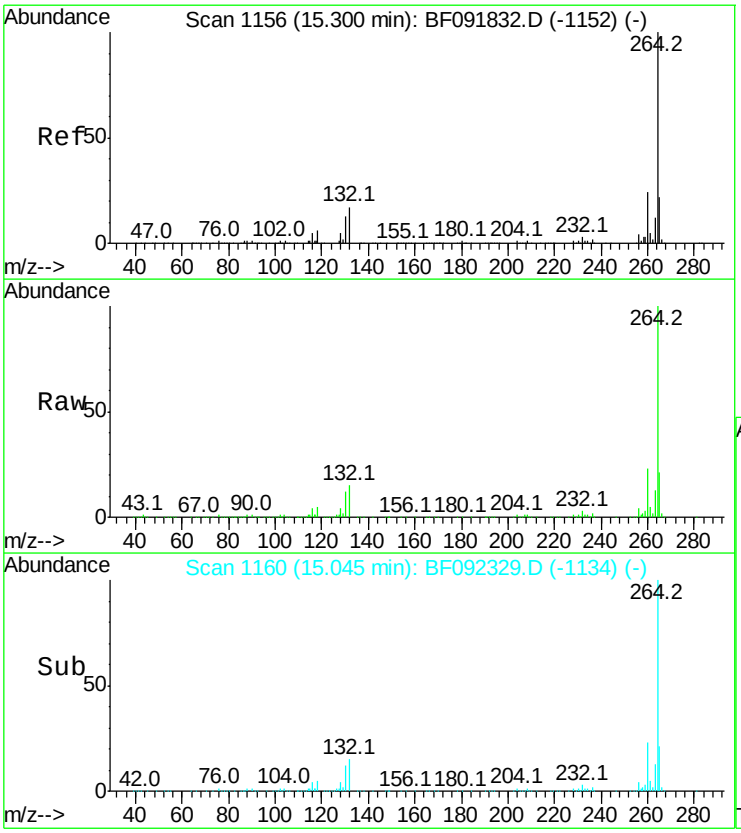
#78
Terphenyl-d14
Concen: 99.30 ng
RT: 12.66 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Instrument :
BNA_F
ClientSampleId :
W-51

Tgt Ion:244 Resp: 2287825

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	10.3	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092329.D
Acq: 17 Jan 2017 21:26

Tgt Ion:264 Resp: 387588

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	17.4	26.0