Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
Data File : BF093704.D
Acq On : 16 Mar 2017 14:25
Operator : SJ/MA
Sample : I2201-21RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D-121RE

Quant Time: Mar 17 03:13:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	176055	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	697681	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	307170	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	570431	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	511910	20.00	ng	-0.03
86) Perylene-d12	15.25	264	286338	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1593771	150.67	ng	-0.01
7) Phenol-d6	6.37	99	2030502	152.22	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1220794	97.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	399445	199.60	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1813191	109.80	ng	-0.02
78) Terphenyl-d14	12.80	244	1812420	92.05	ng	-0.02

Target Compounds	Qvalue

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

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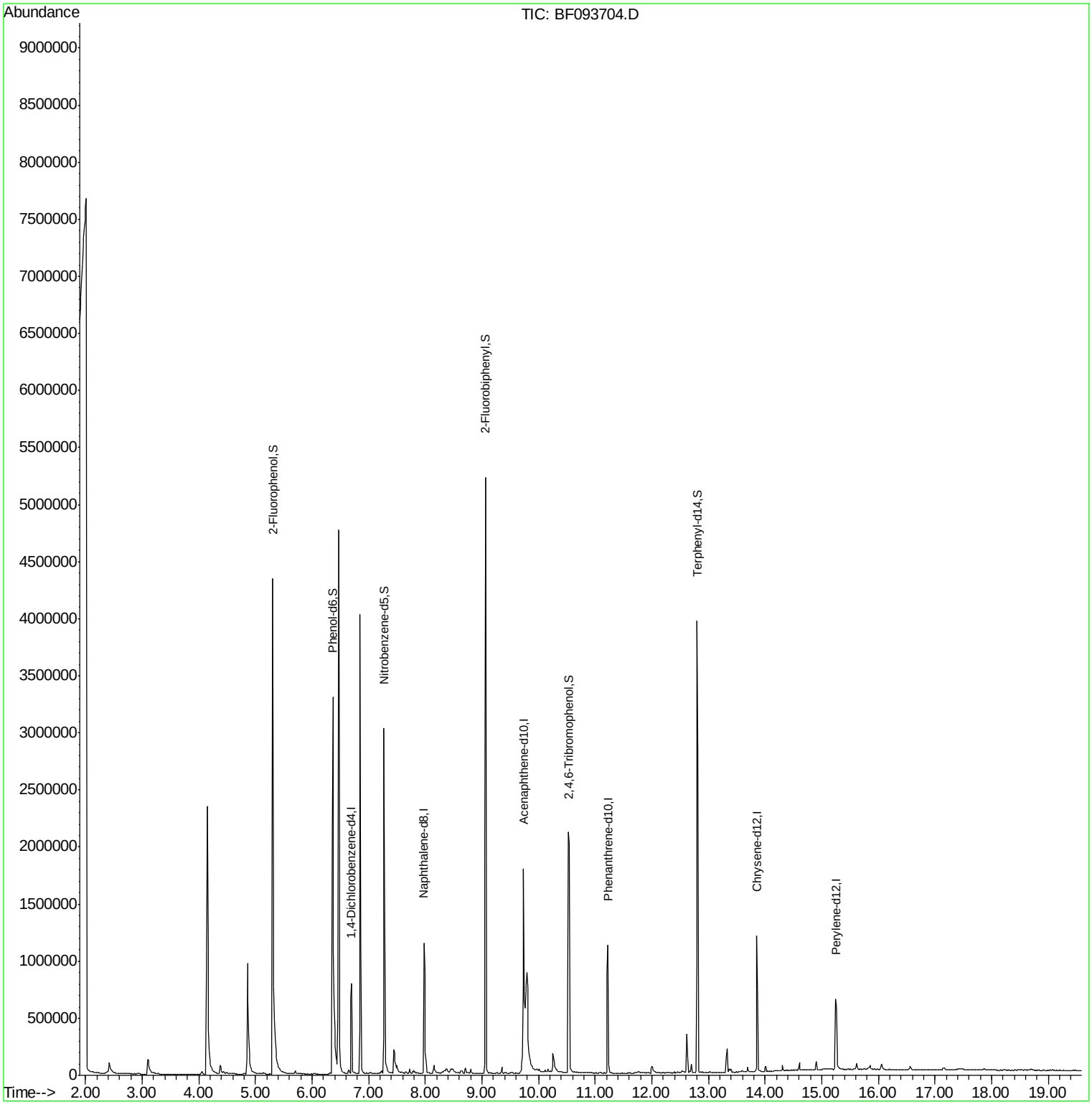
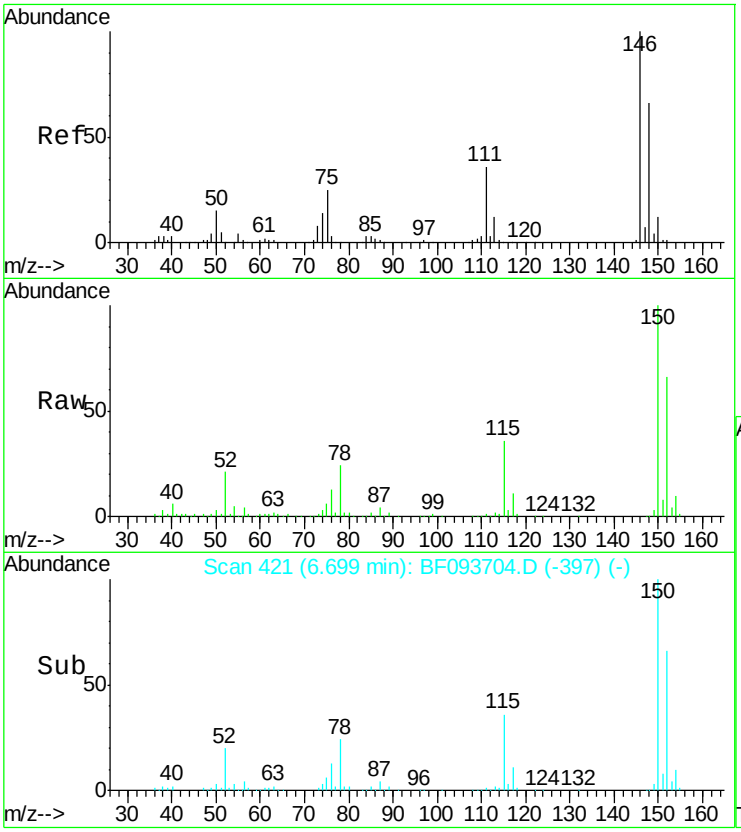


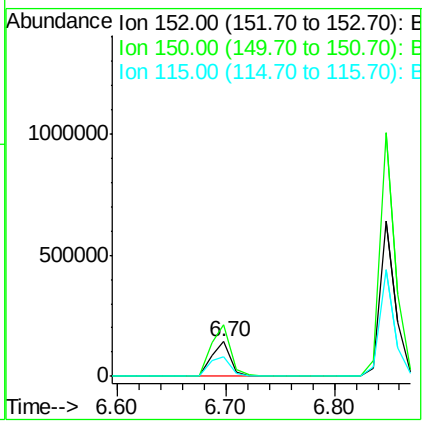


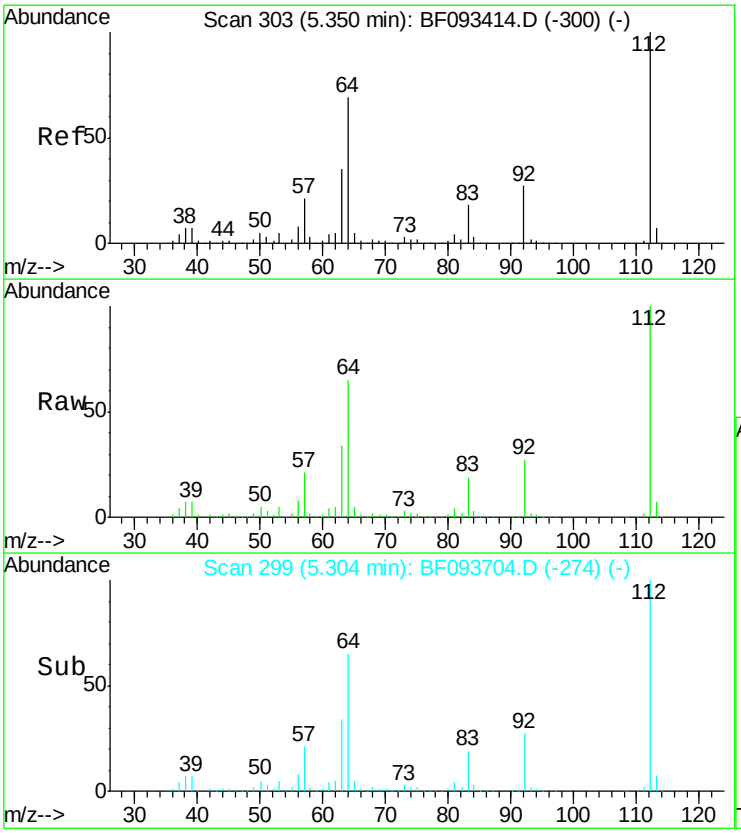
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Instrument :
BNA_F
ClientSampleId :
D-121RE

Tgt Ion:152 Resp: 176055

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.9	187.3
115	55.3	46.0	69.0

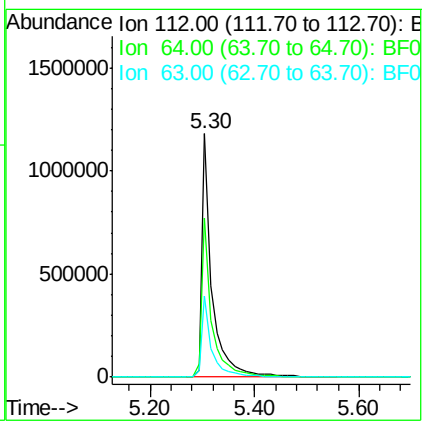


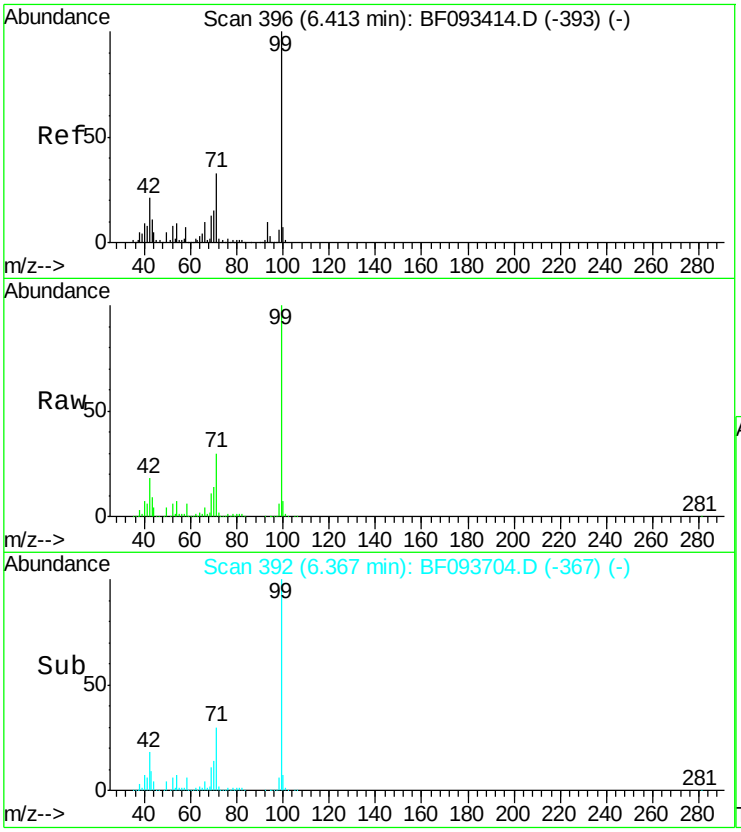


#5
2-Fluorophenol
Concen: 150.67 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Tgt Ion:112 Resp: 1593771

Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.1	69.1
63	33.5	23.8	35.6



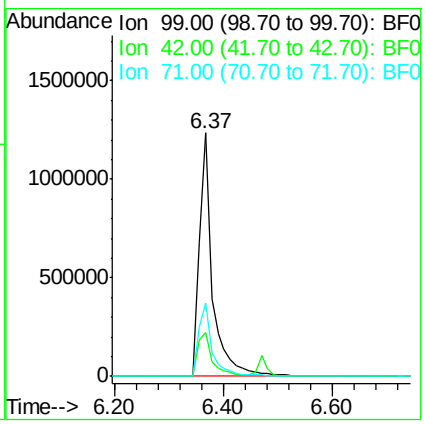


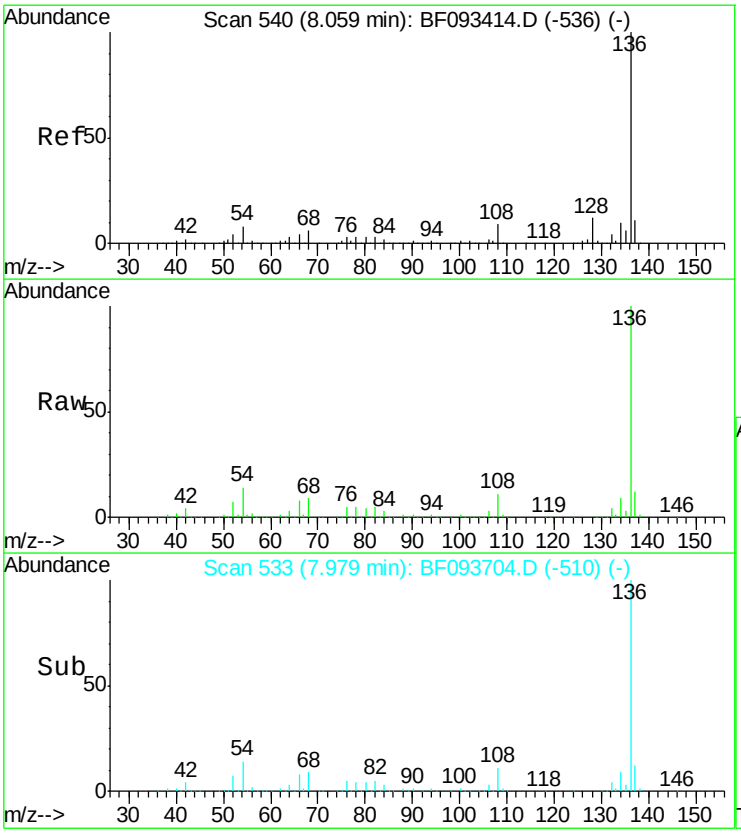
#7
Phenol-d6
Concen: 152.22 ng
RT: 6.37 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Instrument :
BNA_F
ClientSampleId :
D-121RE

Tgt Ion: 99 Resp: 2030502

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.6	23.4
71	30.1	27.5	41.3

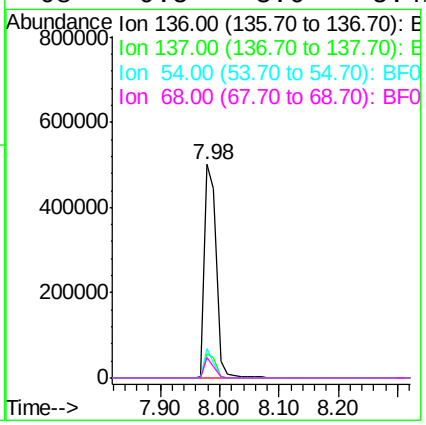


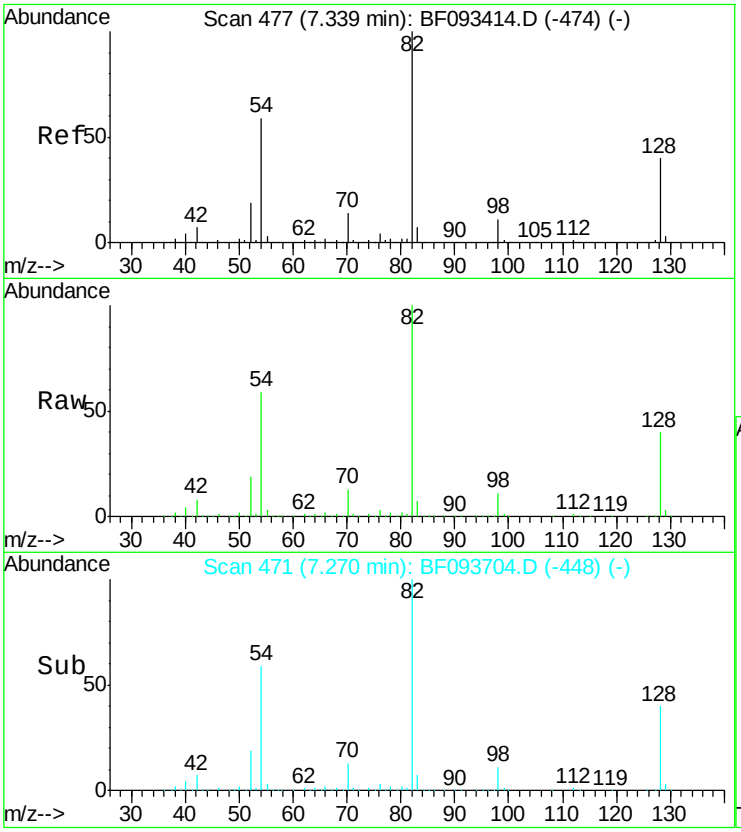


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Tgt Ion:136 Resp: 697681

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.4	12.6
54	13.9	4.5	6.7#
68	9.5	3.6	5.4#



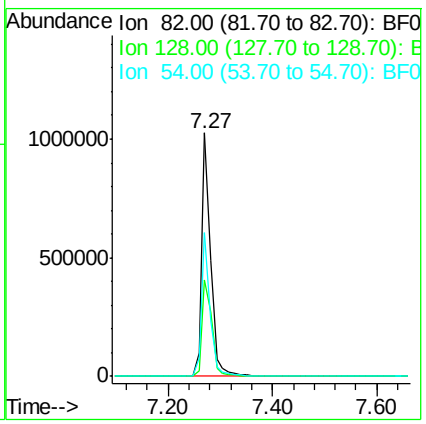


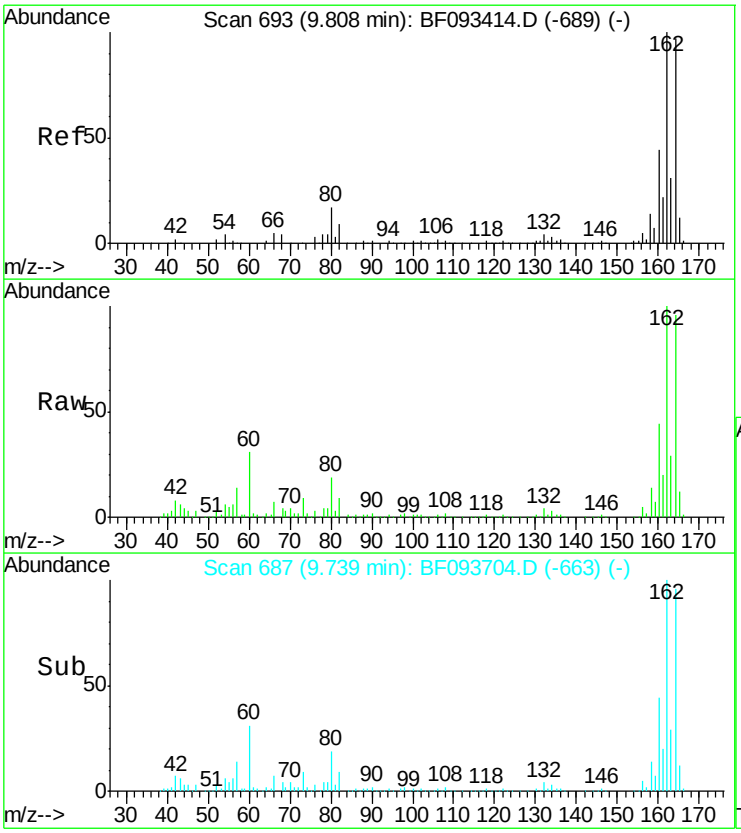
#23
Nitrobenzene-d5
Concen: 97.09 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Instrument :
BNA_F
ClientSampleId :
D-121RE

Tgt Ion: 82 Resp: 1220794

Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.6	52.0
54	58.8	39.5	59.3

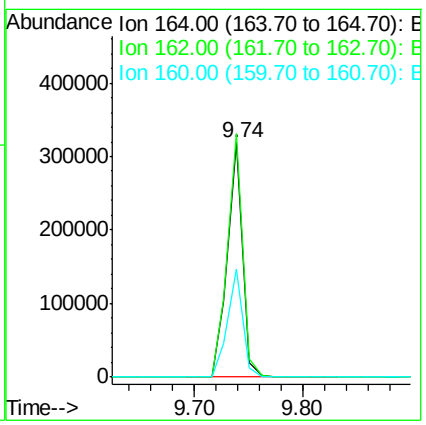


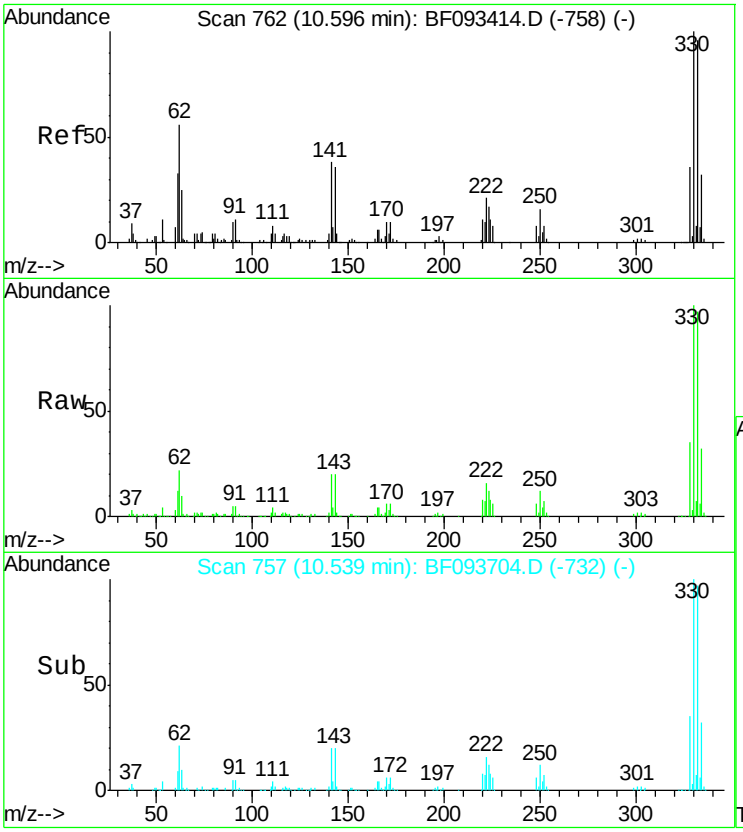


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Tgt Ion:164 Resp: 307170

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.2	120.2
160	45.9	36.9	55.3



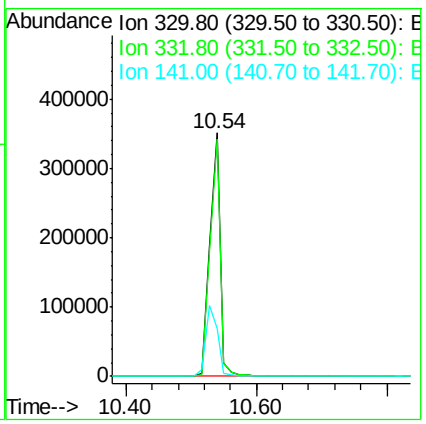


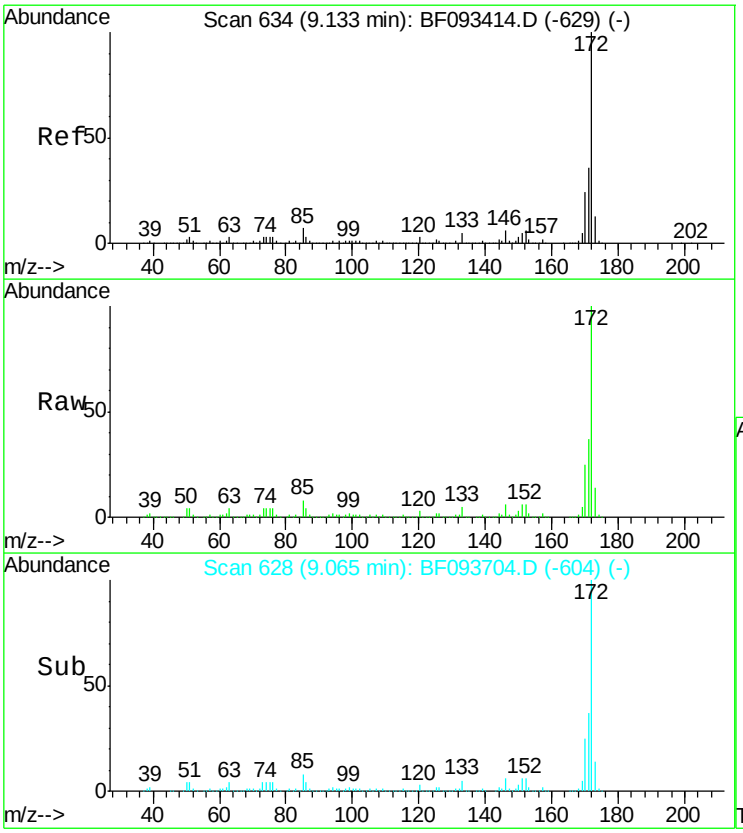
#41
2,4,6-Tribromophenol
Concen: 199.60 ng
RT: 10.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Instrument :
BNA_F
ClientSampleId :
D-121RE

Tgt Ion:330 Resp: 399445

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	32.7	34.1	51.1#

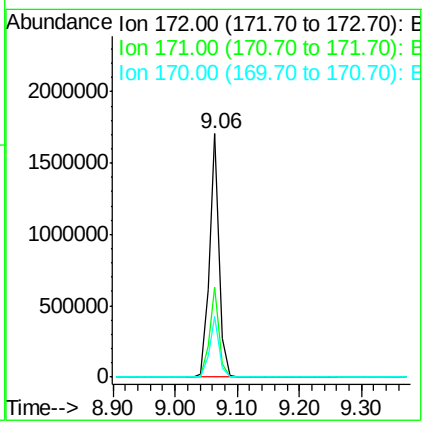


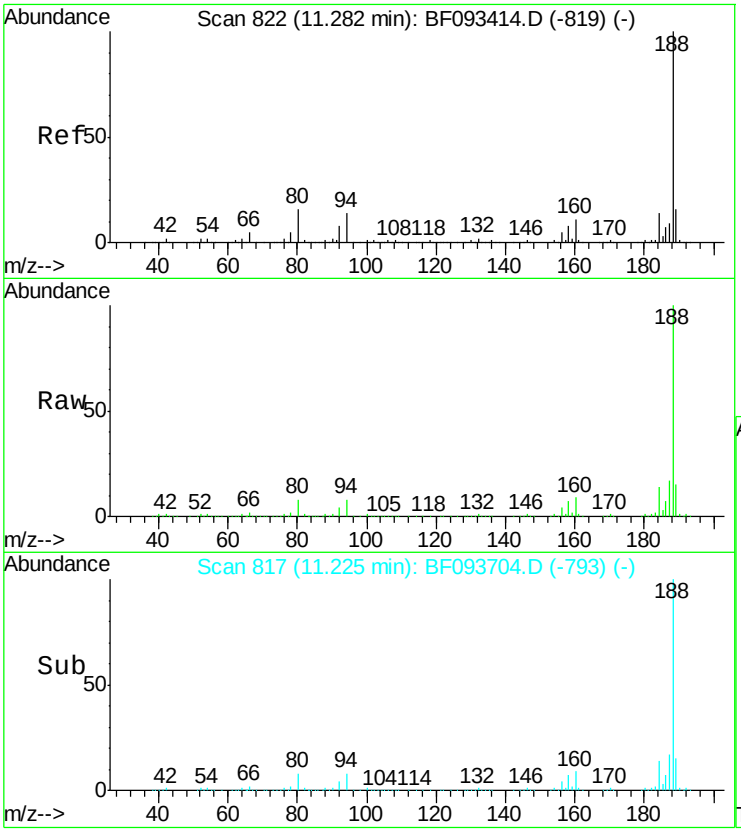


#44
2-Fluorobiphenyl
Concen: 109.80 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Tgt Ion:172 Resp: 1813191

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.9	20.2	30.4



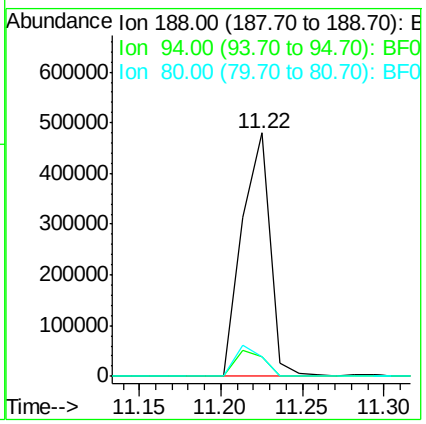


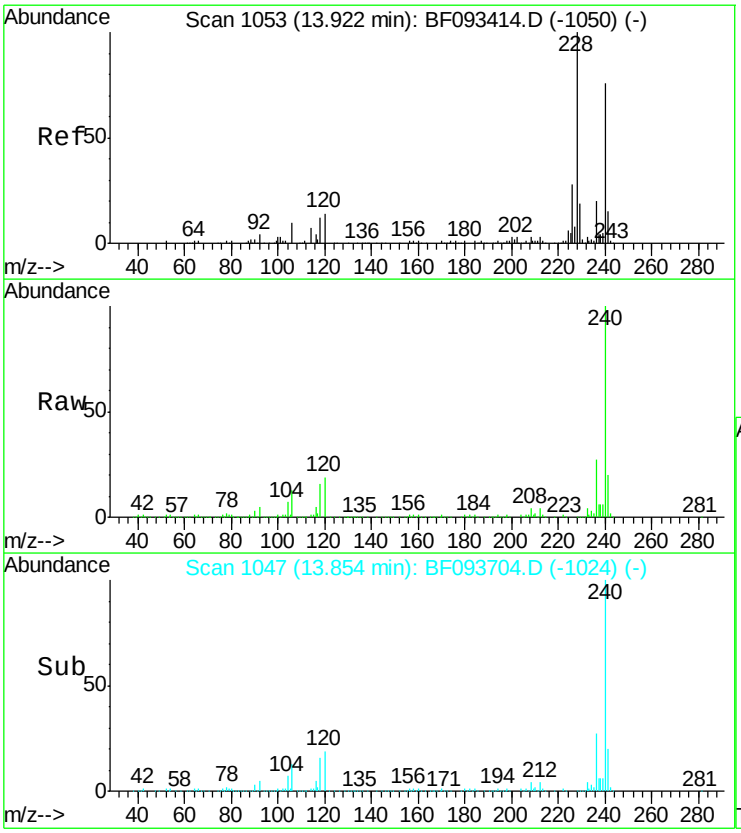
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Instrument :
BNA_F
ClientSampleId :
D-121RE

Tgt Ion:188 Resp: 570431

Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.0	15.0#
80	7.9	11.2	16.8#

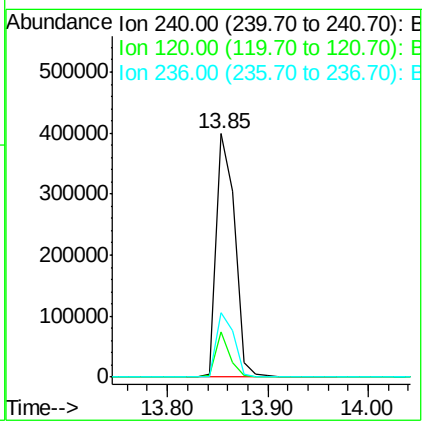


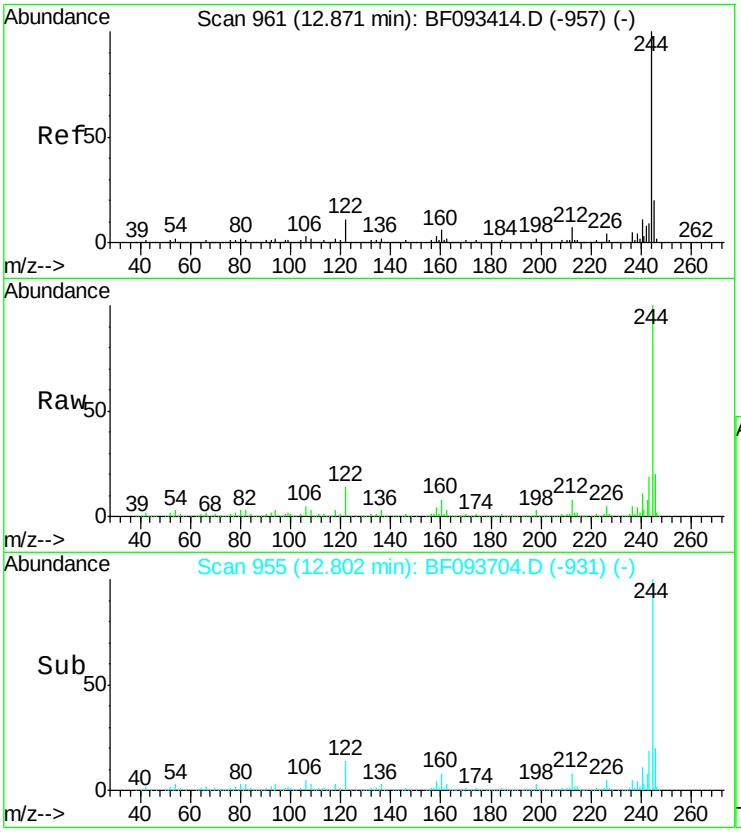


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Tgt Ion:240 Resp: 511910

Ion	Ratio	Lower	Upper
240	100		
120	18.6	12.9	19.3
236	26.6	20.9	31.3



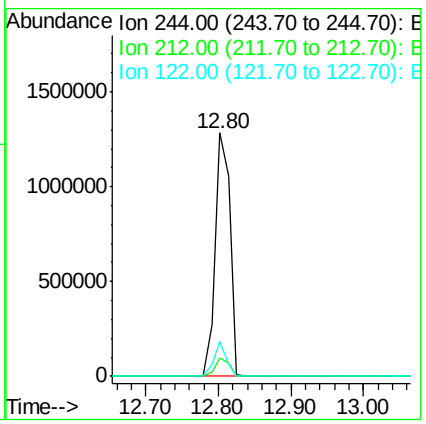


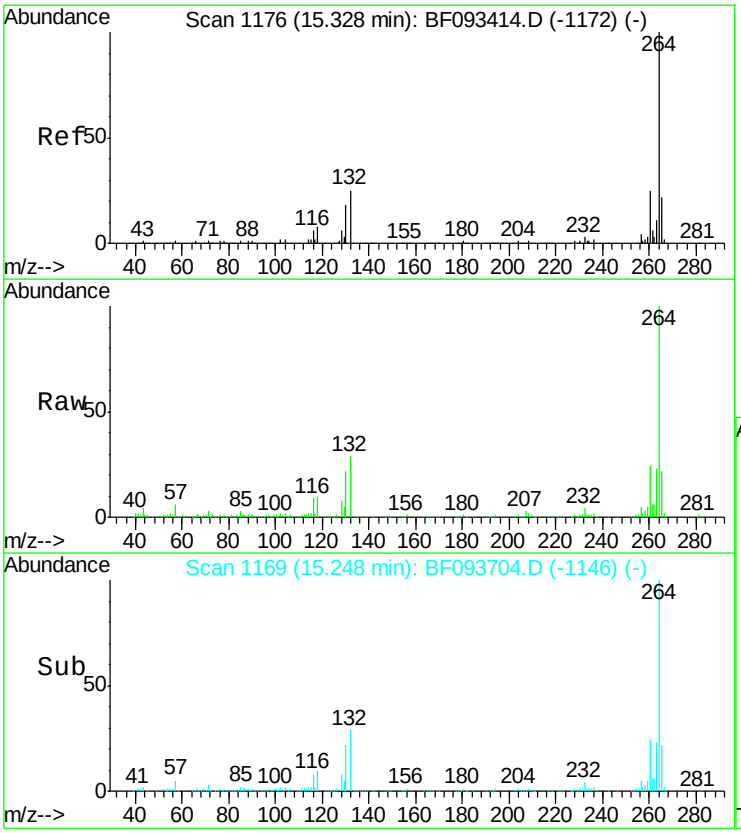
#78
Terphenyl-d14
Concen: 92.05 ng
RT: 12.80 min Scan# 955
Delta R.T. -0.02 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Instrument :
BNA_F
ClientSampleId :
D-121RE

Tgt Ion:244 Resp: 1812420

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.1	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF093704.D
Acq: 16 Mar 2017 14:25

Tgt Ion:264 Resp: 286338

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.4	26.0