Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090046.D
Acq On : 9 Sep 2016 1:30
Operator : UM/SJ
Sample : H4688-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-TRANSFORMER-POLE44228

Quant Time: Sep 09 06:55:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	153590	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	514031	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	98660	20.00	ng	0.07
63) Phenanthrene-d10	11.23	188	81405	20.00	ng	0.13
75) Chrysene-d12	13.81	240	173321	20.00	ng	0.08
86) Perylene-d12	15.11	264	216942	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	221734	23.11	ng	-0.01
7) Phenol-d6	6.24	99	291092	24.97	ng	-0.01
23) Nitrobenzene-d5	7.16	82	146367	16.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	21655	22.25	ng	0.09
44) 2-Fluorobiphenyl	8.99	172	175792	29.25	ng	0.02
78) Terphenyl-d14	12.80	244	70395	10.03	ng	0.11

Target Compounds	Qvalue

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

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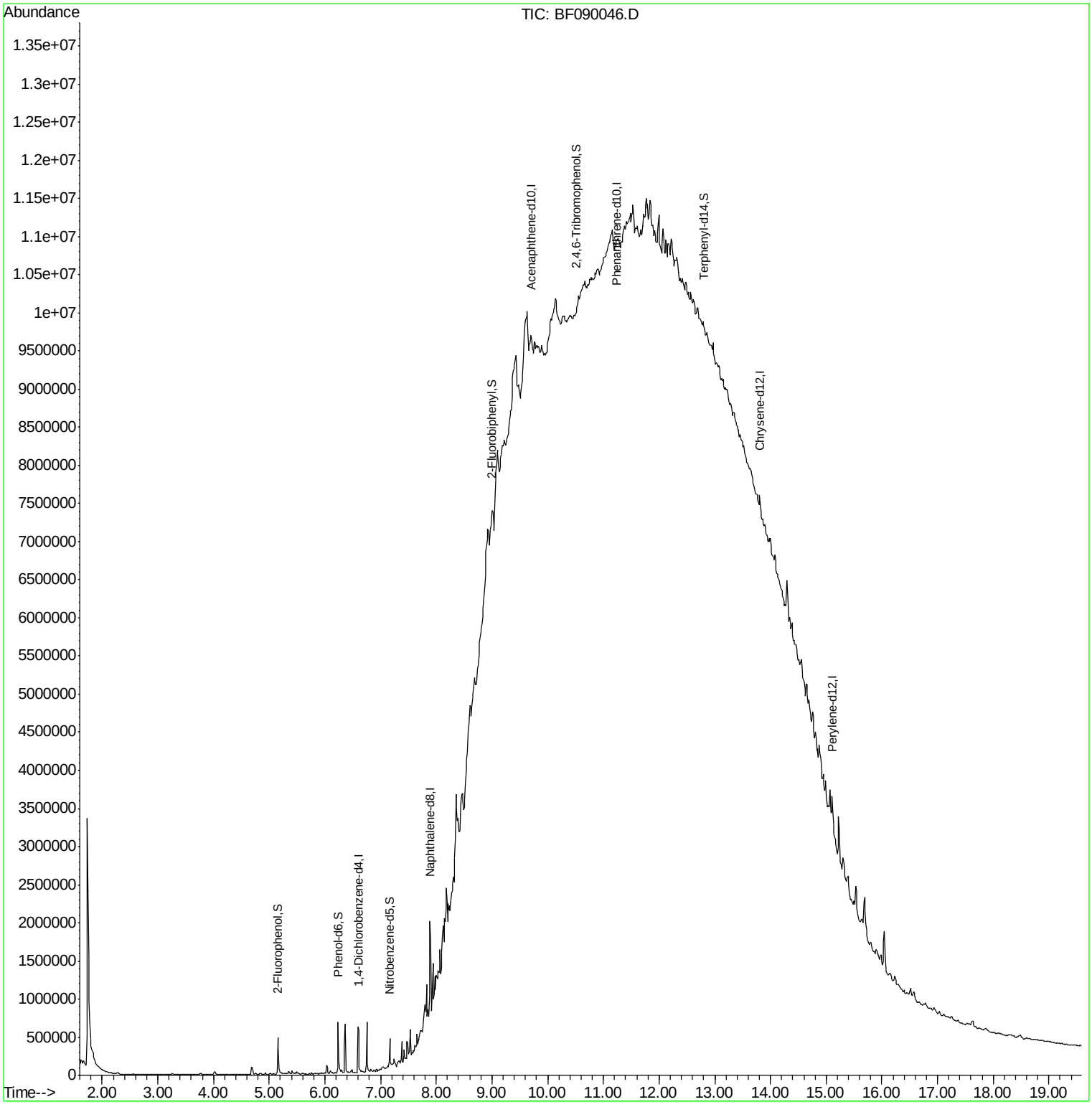
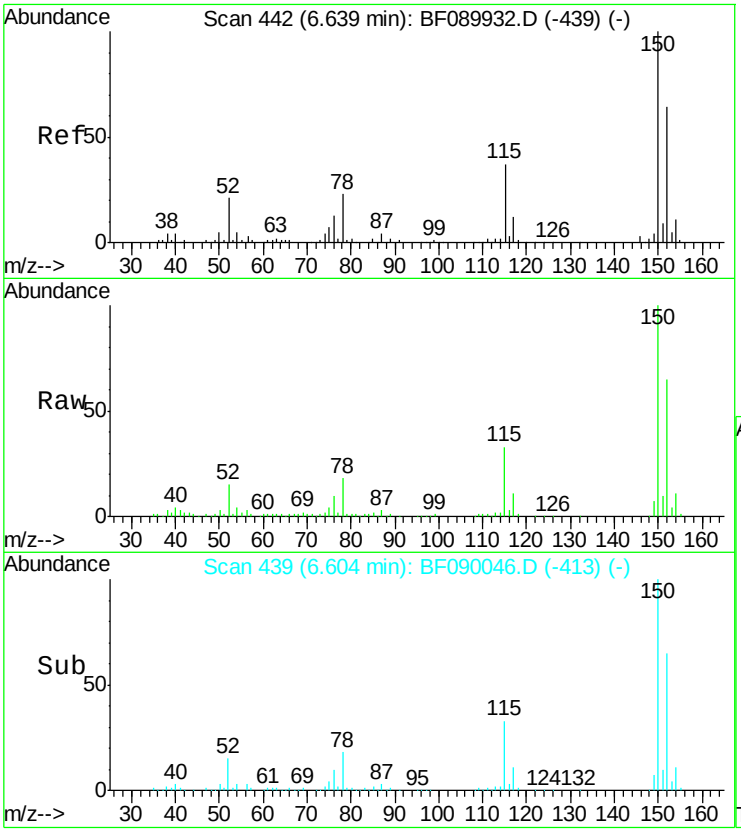


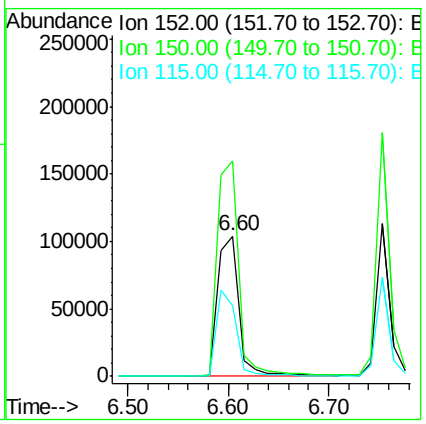


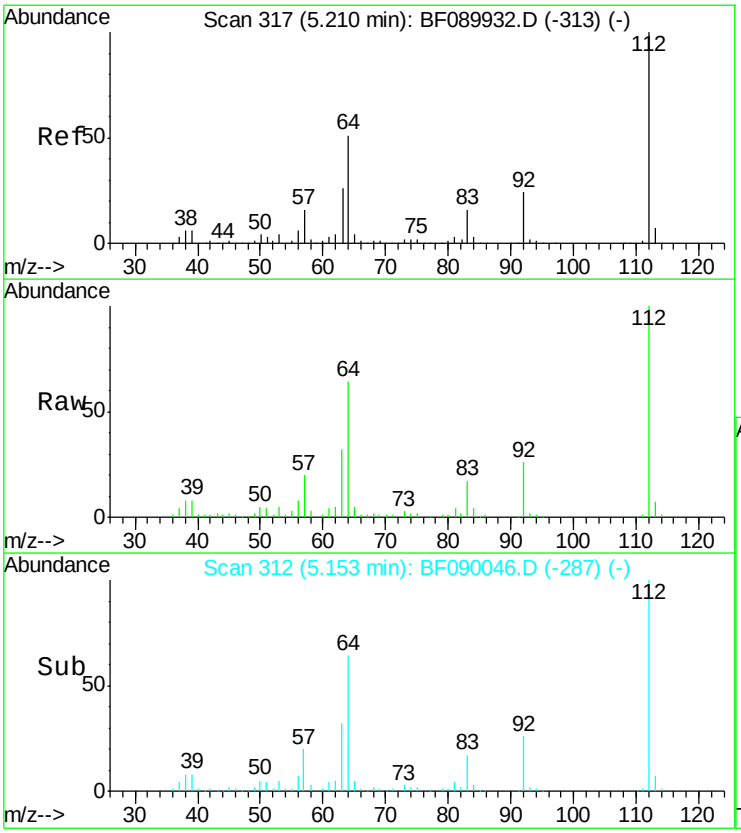
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

Tgt Ion:152 Resp: 153590

Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.4	191.2
115	50.7	46.3	69.5

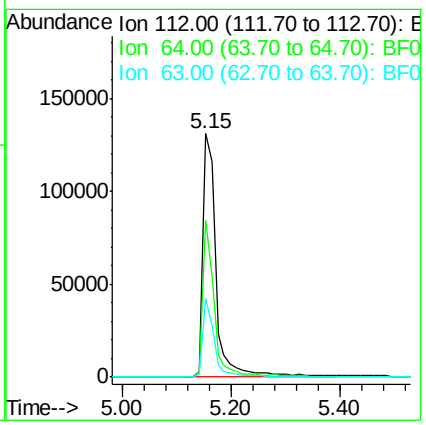


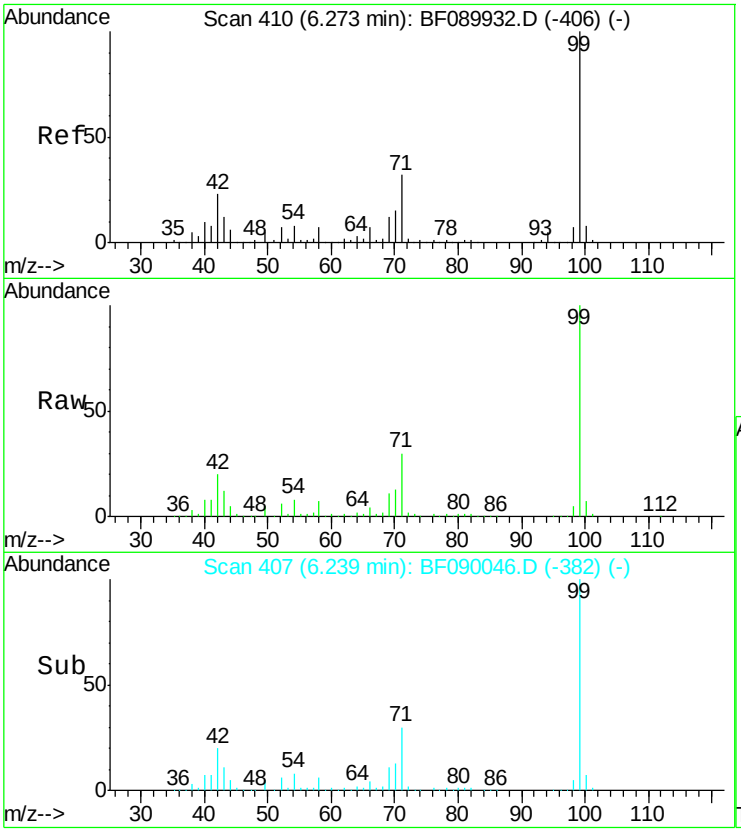


#5
2-Fluorophenol
Concen: 23.11 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.01 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:112 Resp: 221734

Ion	Ratio	Lower	Upper
112	100		
64	64.2	41.1	61.7#
63	32.2	21.2	31.8#



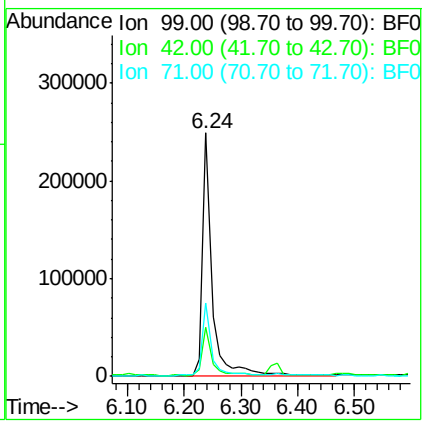


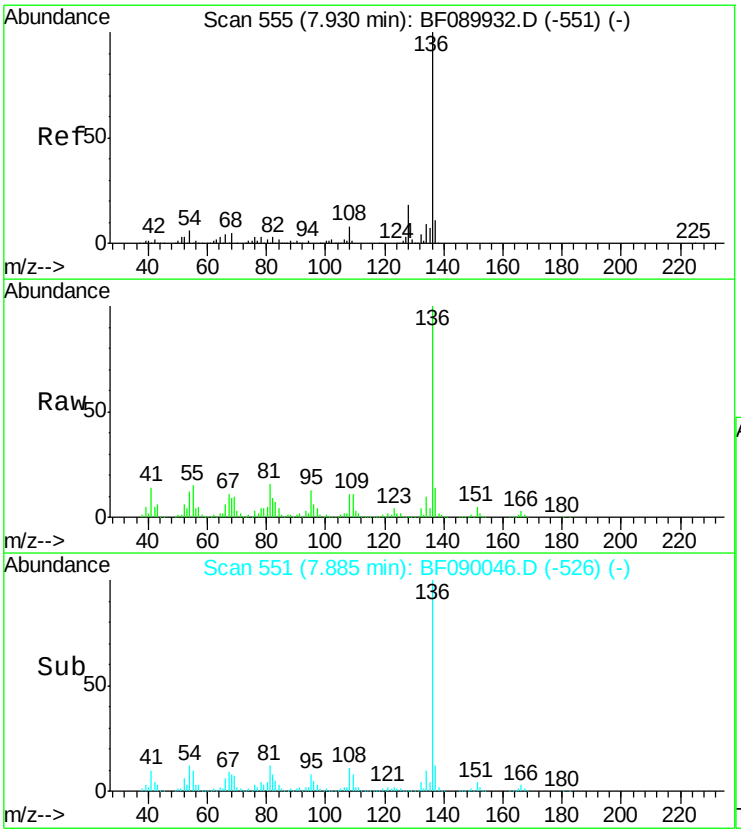
#7
Phenol-d6
Concen: 24.97 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

Tgt Ion: 99 Resp: 291092

Ion	Ratio	Lower	Upper
99	100		
42	20.2	18.6	27.8
71	30.0	25.8	38.6

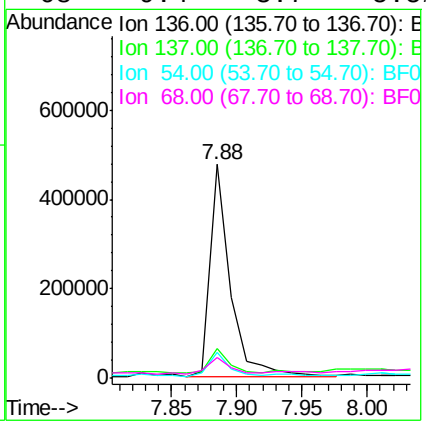


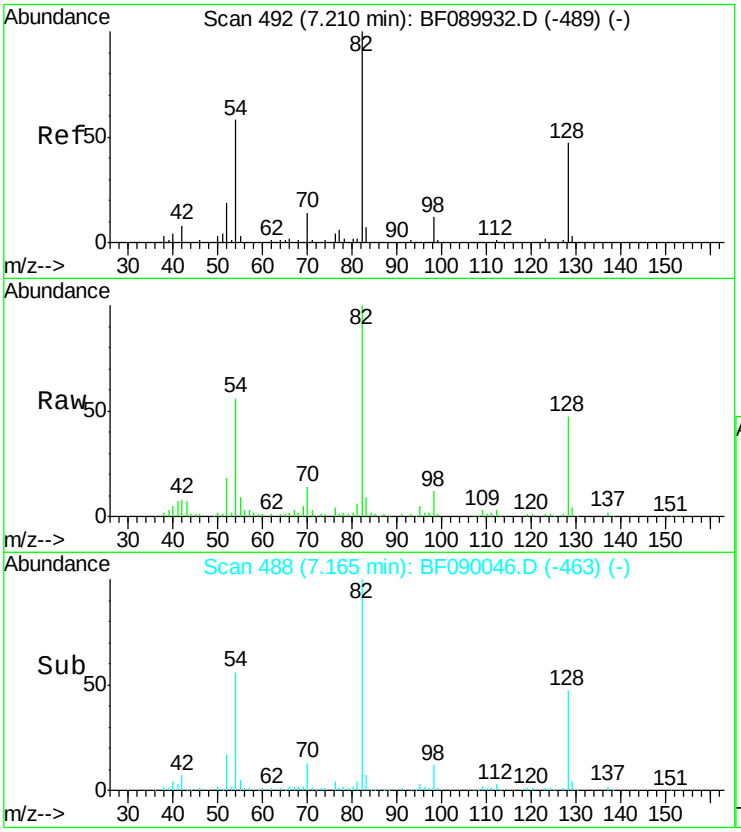


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:136 Resp: 514031

Ion	Ratio	Lower	Upper
136	100		
137	13.8	8.3	12.5#
54	12.0	4.8	7.2#
68	9.4	3.7	5.5#



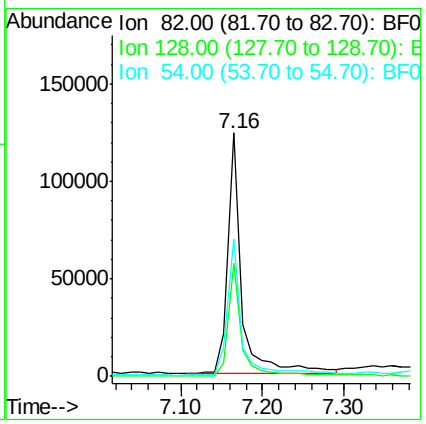


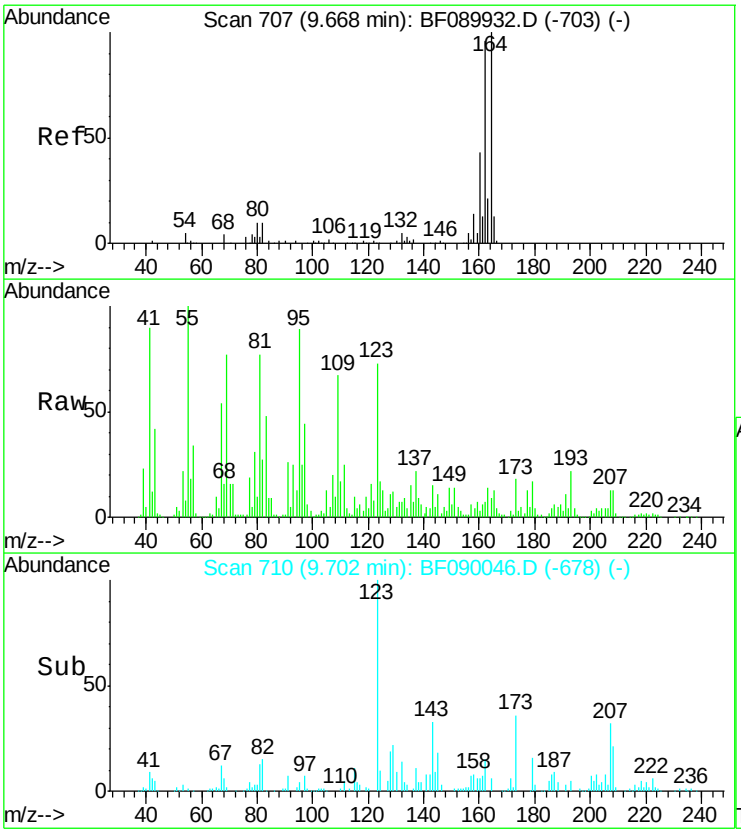
#23
Nitrobenzene-d5
Concen: 16.51 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

Tgt Ion: 82 Resp: 146367

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.8	56.8
54	56.2	46.9	70.3

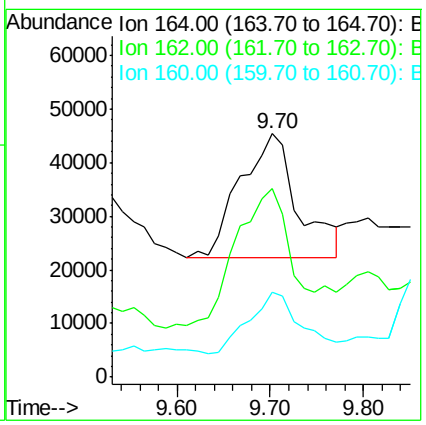


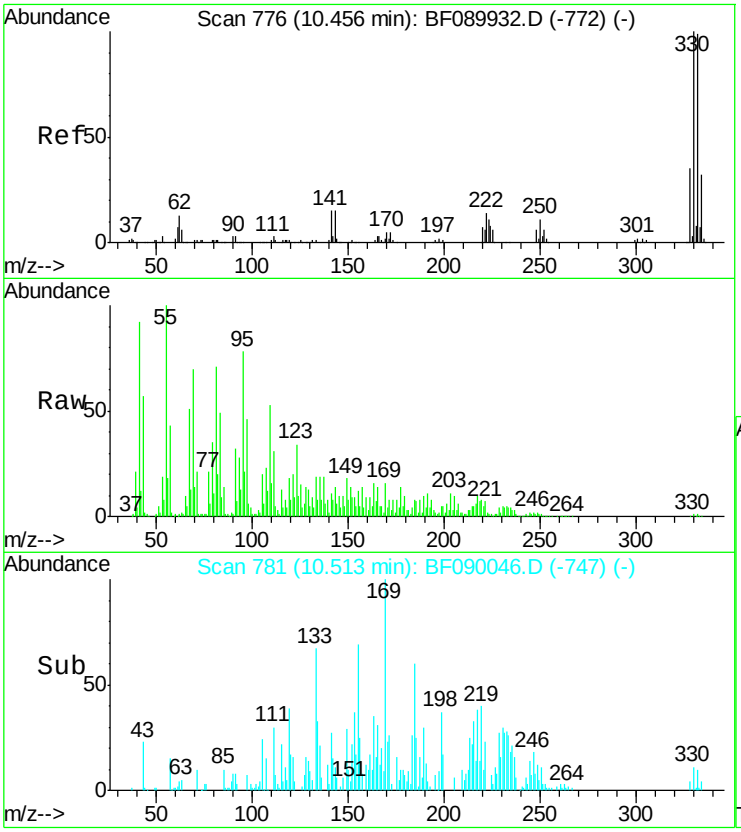


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.07 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:164 Resp: 98660

Ion	Ratio	Lower	Upper
164	100		
162	77.6	77.1	115.7
160	34.9	35.3	52.9#



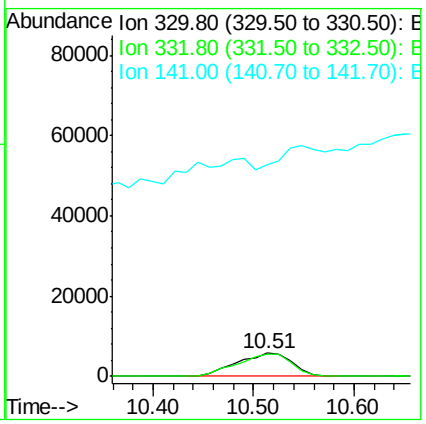


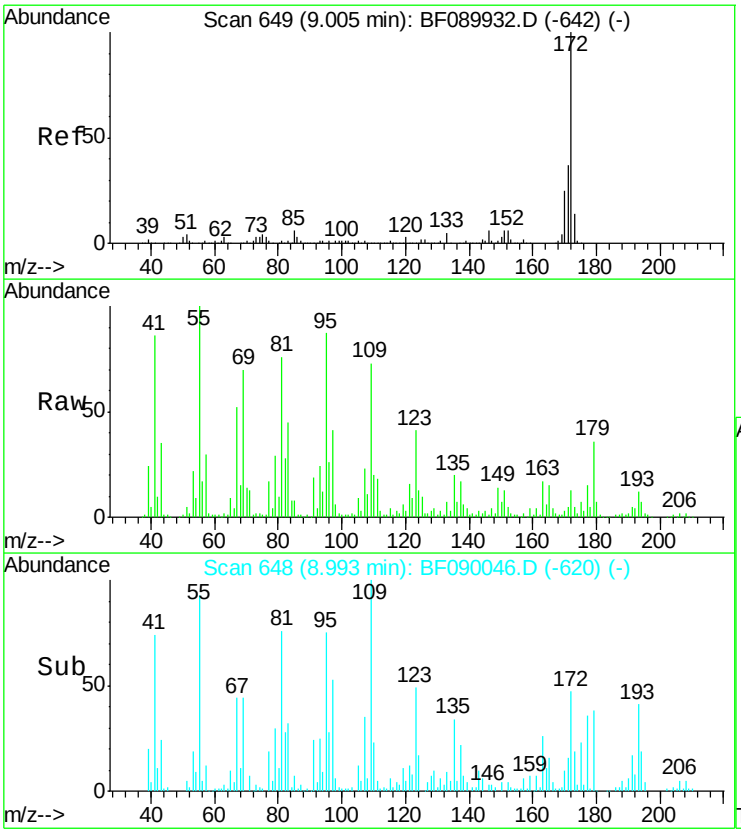
#41
2,4,6-Tribromophenol
Concen: 22.25 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.09 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

Tgt Ion:330 Resp: 21655

Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.6	117.8
141	0.0	23.3	34.9#

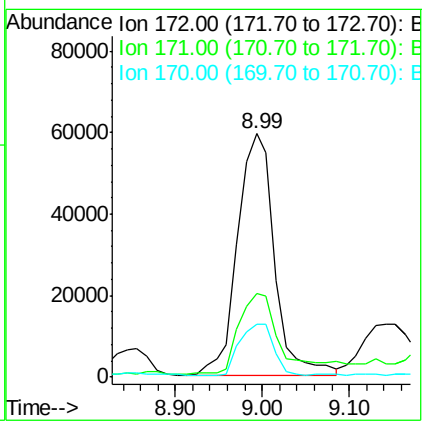


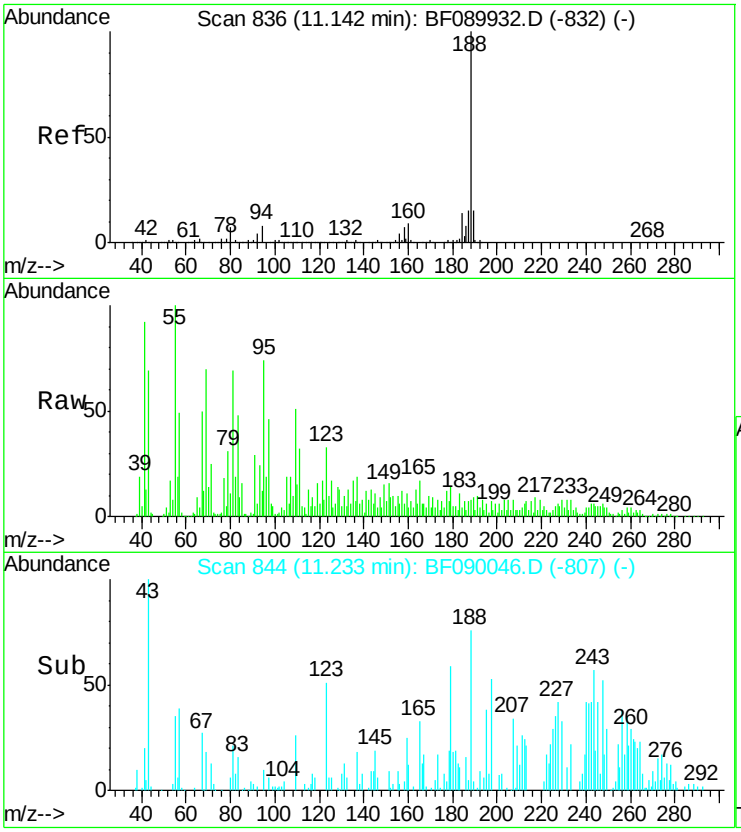


#44
2-Fluorobiphenyl
Concen: 29.25 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.02 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:172 Resp: 175792

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.4	44.2
170	21.7	20.1	30.1



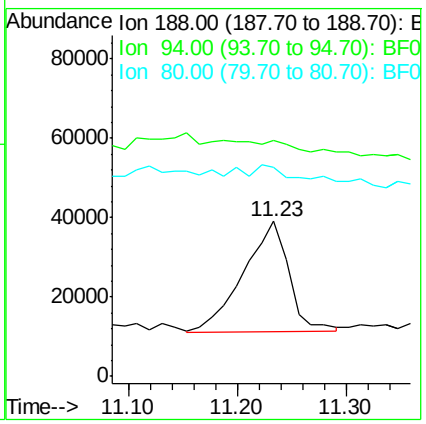


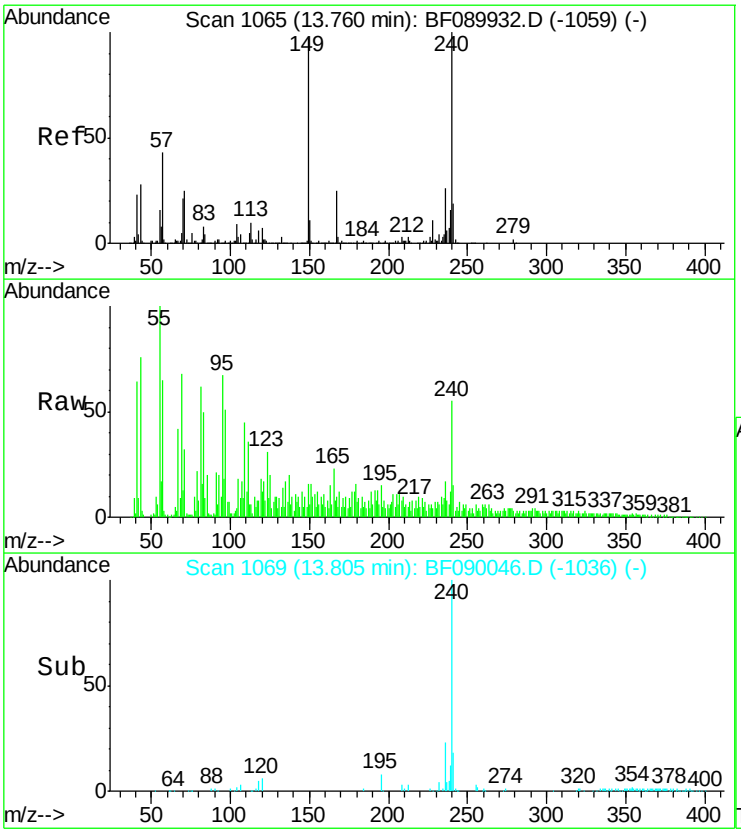
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.13 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

Tgt Ion:188 Resp: 81405

Ion	Ratio	Lower	Upper
188	100		
94	152.1	5.9	8.9#
80	135.4	5.8	8.8#

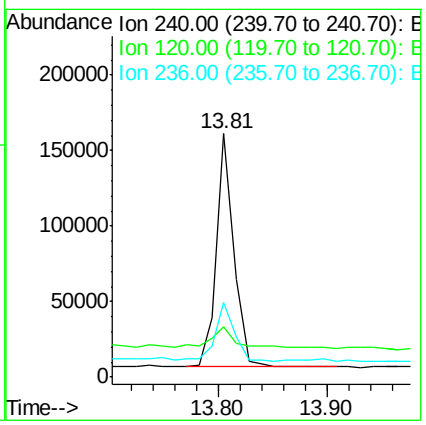


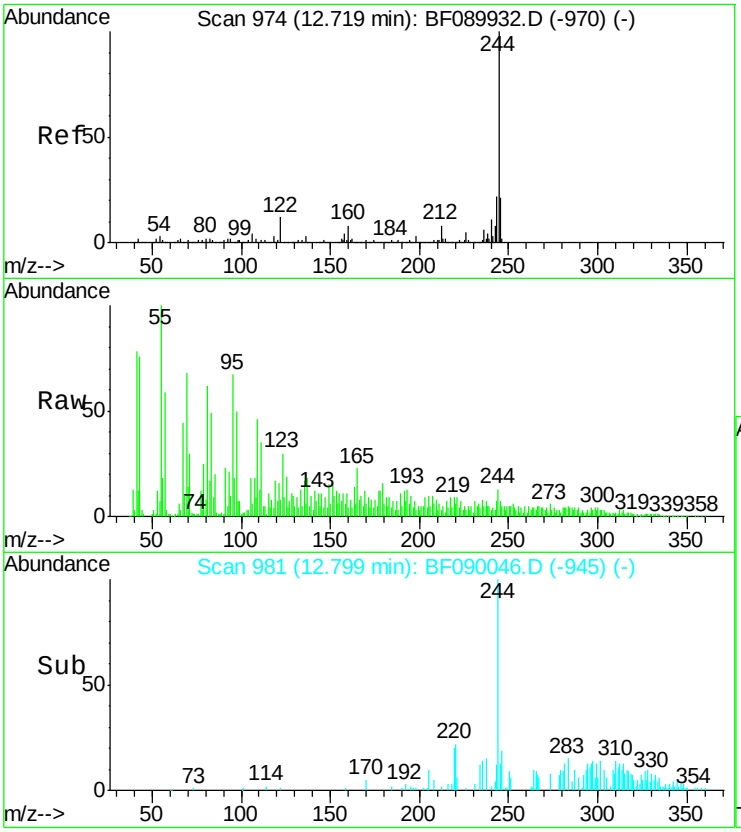


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. 0.08 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:240 Resp: 173321

Ion	Ratio	Lower	Upper
240	100		
120	20.9	5.7	8.5#
236	30.4	21.3	31.9



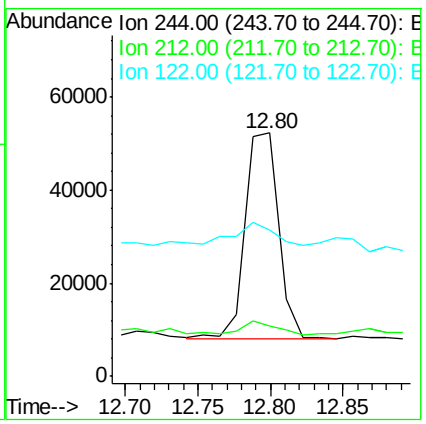


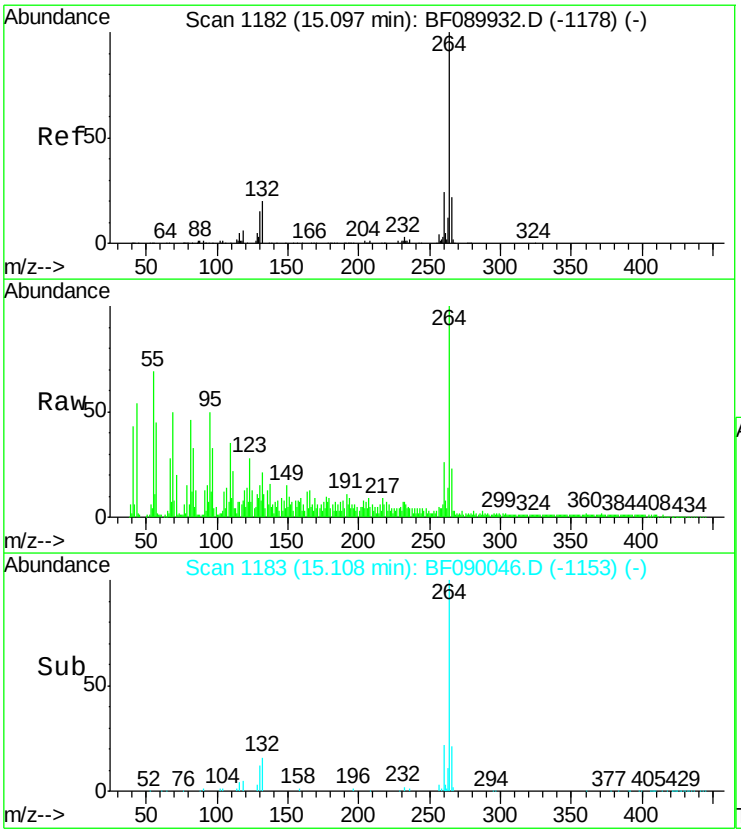
#78
Terphenyl-d14
Concen: 10.03 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.11 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Instrument :
BNA_F
ClientSampleId :
SS-TRANSFORMER-POLE44228

Tgt Ion:244 Resp: 70395

Ion	Ratio	Lower	Upper
244	100		
212	20.7	6.1	9.1#
122	60.2	9.6	14.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.05 min
Lab File: BF090046.D
Acq: 9 Sep 2016 1:30

Tgt Ion:264 Resp: 216942

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.4	29.0
265	23.4	17.4	26.2