Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087493.D
Acq On : 28 May 2016 22:54
Operator : UM/SJ
Sample : H3276-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

Quant Time: May 30 03:57:12 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:48:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	108170	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	440531	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	197917	20.00	ng	-0.01
63) Phenanthrene-d10	14.73	188	371367	20.00	ng	0.00
75) Chrysene-d12	18.43	240	250177	20.00	ng	0.00
86) Perylene-d12	20.11	264	211818	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	357643	58.10	ng	0.01
7) Phenol-d6	7.03	99	340650	40.95	ng	-0.01
23) Nitrobenzene-d5	8.39	82	702447	80.36	ng	-0.01
41) 2,4,6-Tribromophenol	13.62	330	259921	136.66	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1210569	86.23	ng	-0.01
78) Terphenyl-d14	17.09	244	962631	81.80	ng	0.00

Target Compounds	Qvalue

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

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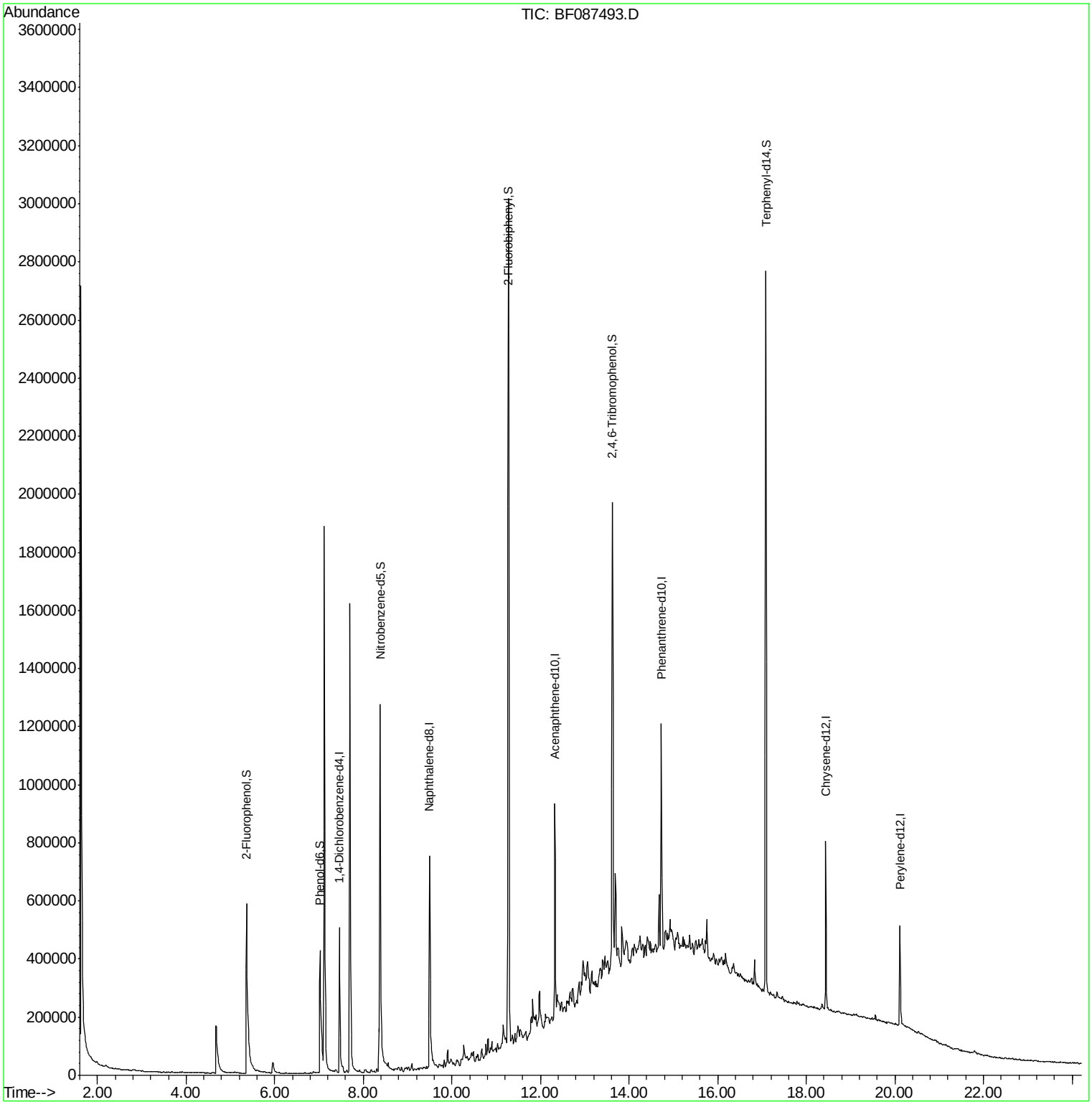
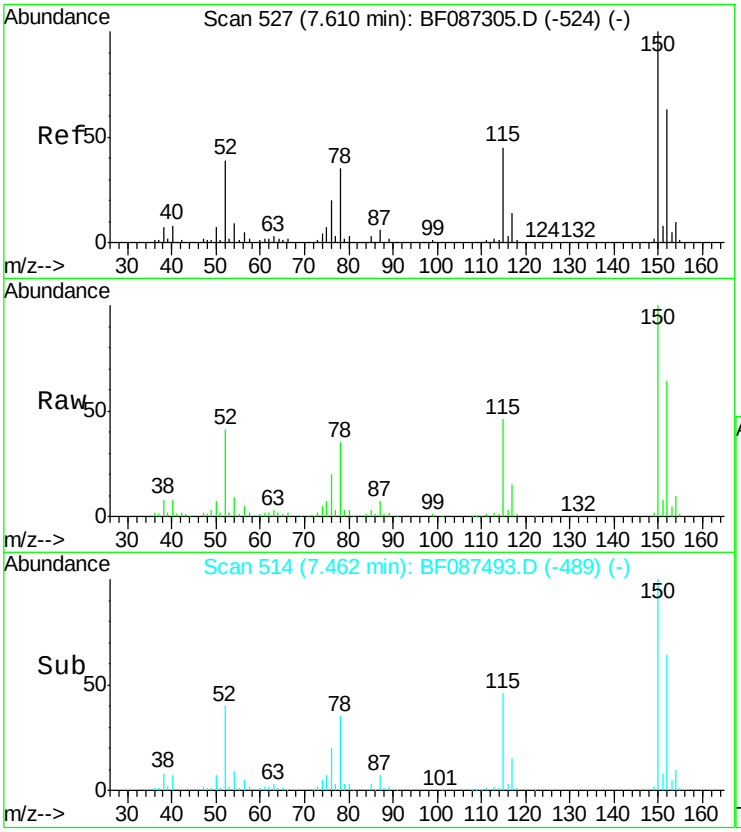


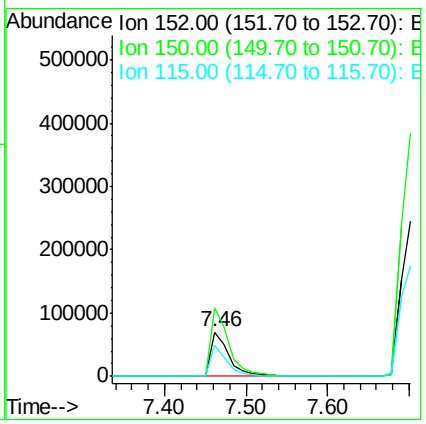


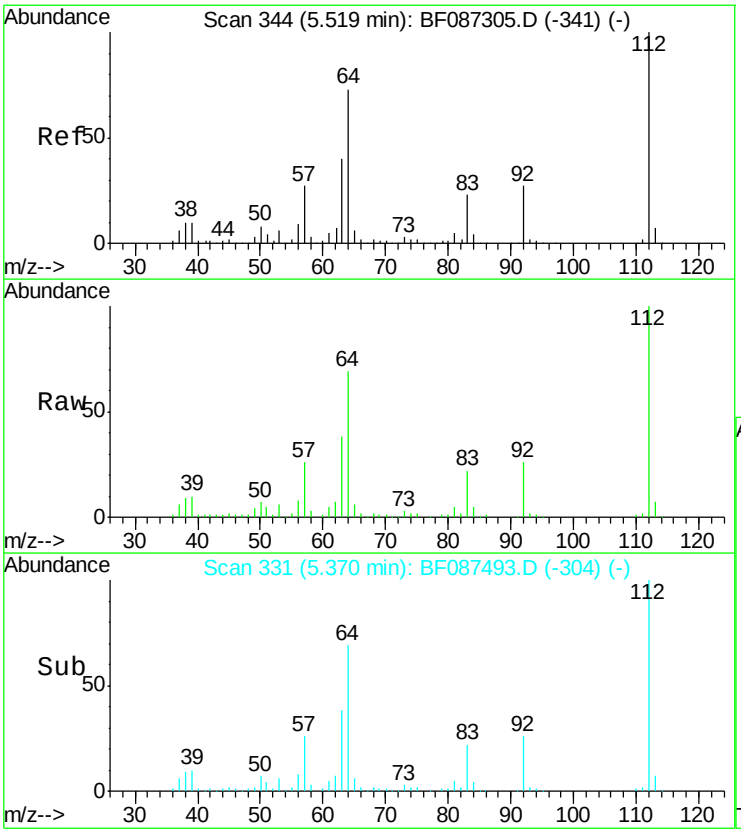
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:152 Resp: 108170

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.8	188.6
115	71.7	51.5	77.3

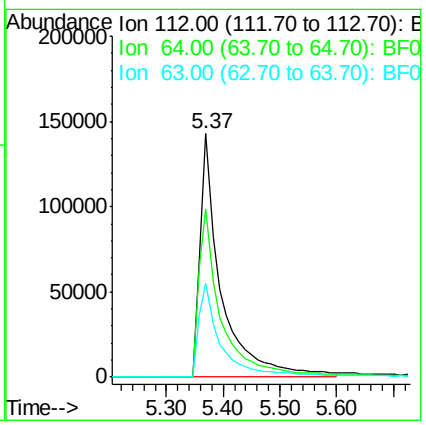


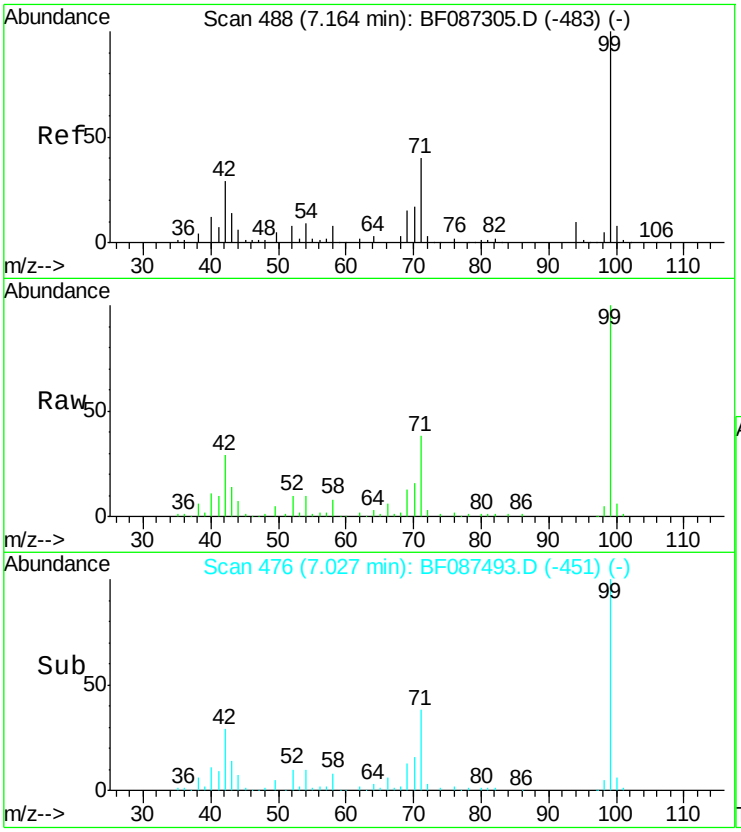


#5
2-Fluorophenol
Concen: 58.10 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Tgt Ion:112 Resp: 357643

Ion	Ratio	Lower	Upper
112	100		
64	68.9	52.1	78.1
63	38.4	25.7	38.5



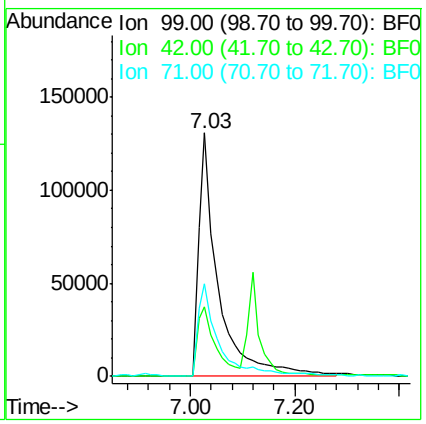


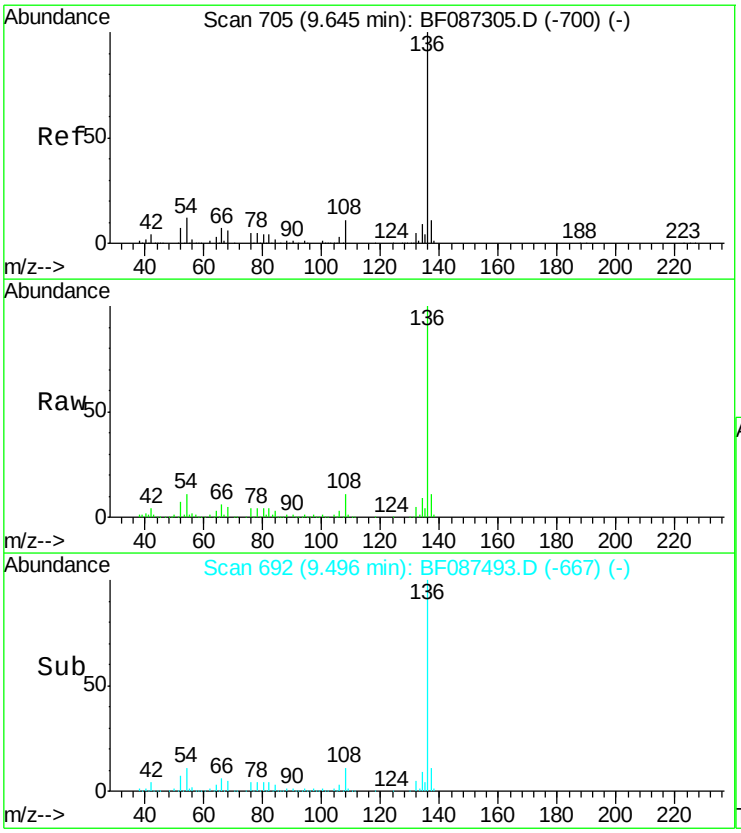
#7
Phenol-d6
Concen: 40.95 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 340650

Ion	Ratio	Lower	Upper
99	100		
42	28.7	13.6	20.4#
71	38.3	24.6	36.8#

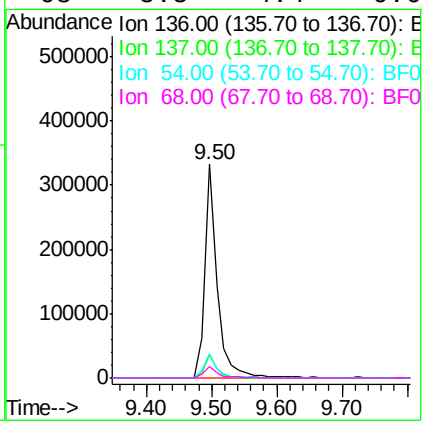


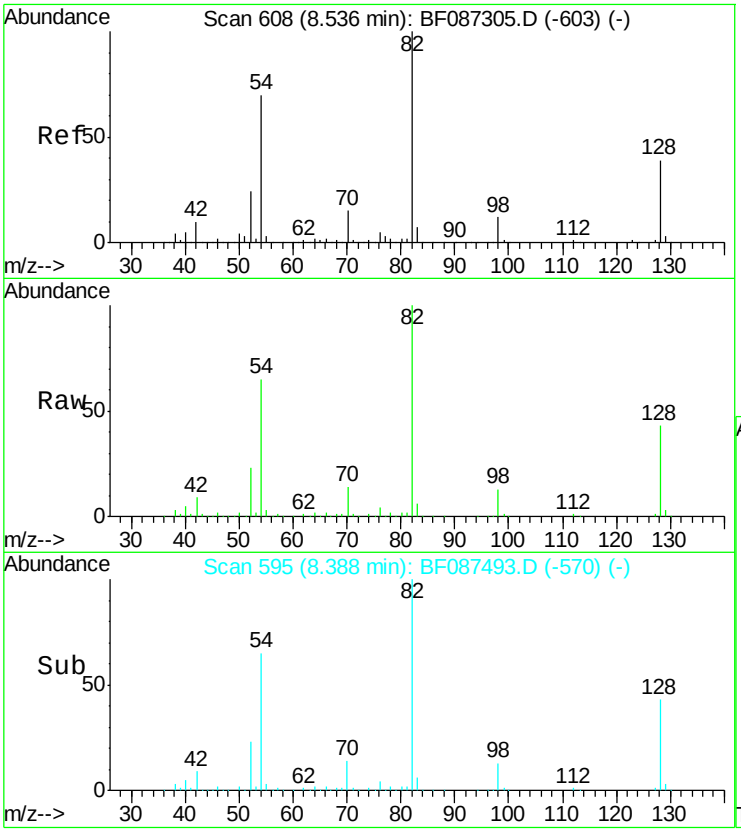


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Tgt Ion:136 Resp: 440531

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.2	5.0	7.4#
68	5.5	4.4	6.6



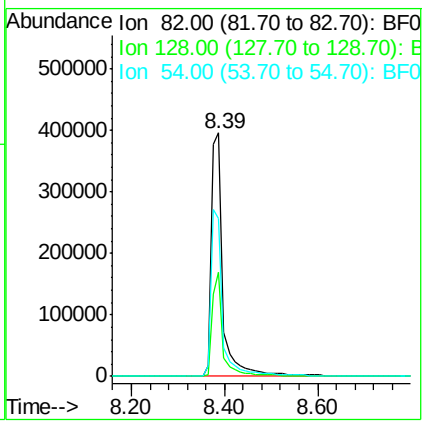


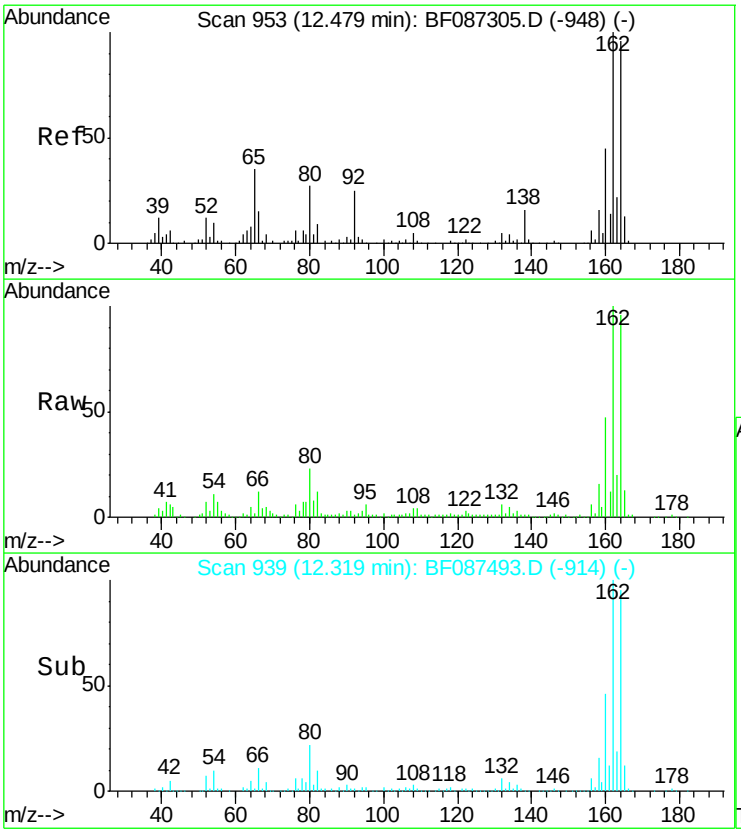
#23
Nitrobenzene-d5
Concen: 80.36 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 82 Resp: 702447

Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	61.0
54	64.7	38.1	57.1#

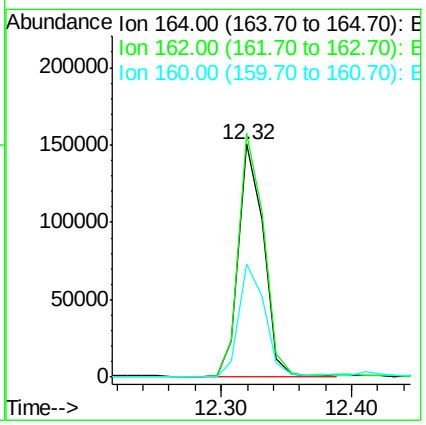


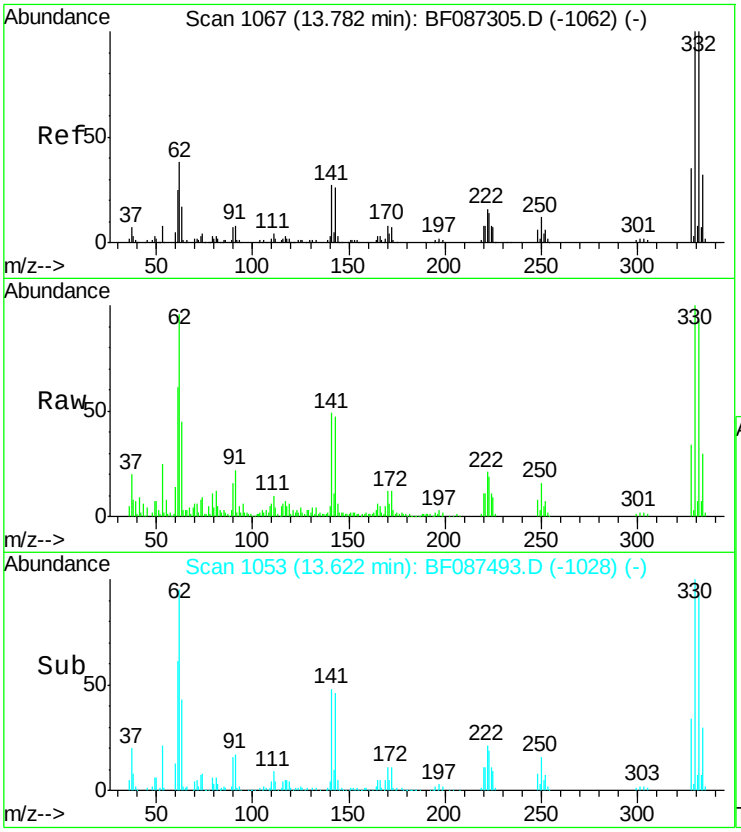


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Tgt Ion:164 Resp: 197917

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.8	124.2
160	48.6	36.9	55.3



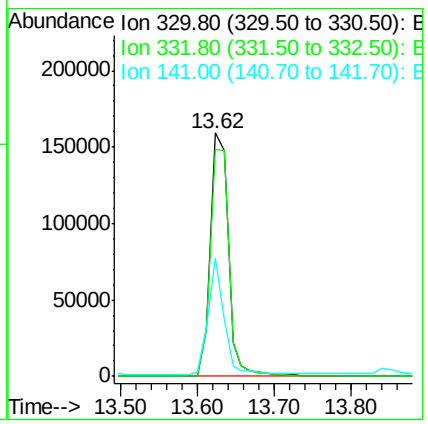


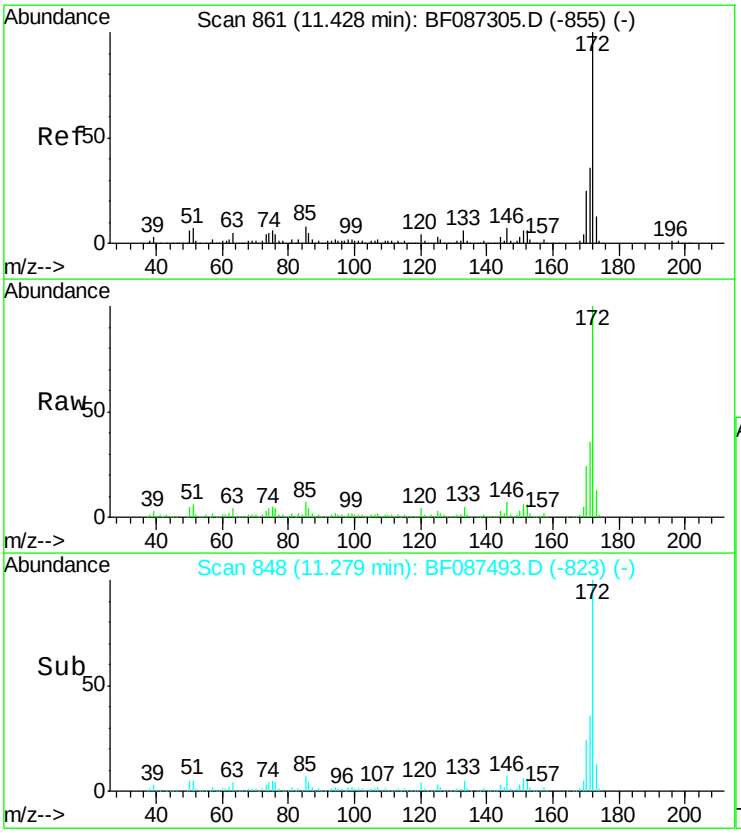
#41
2,4,6-Tribromophenol
Concen: 136.66 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:330 Resp: 259921

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	43.5	31.2	46.8

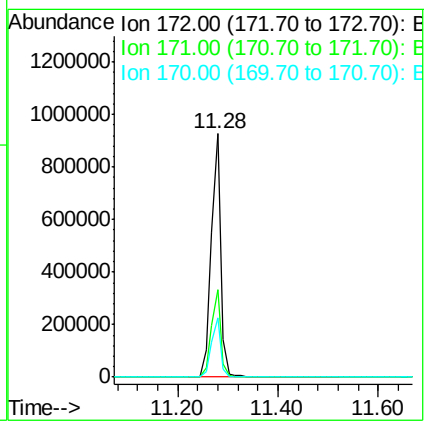


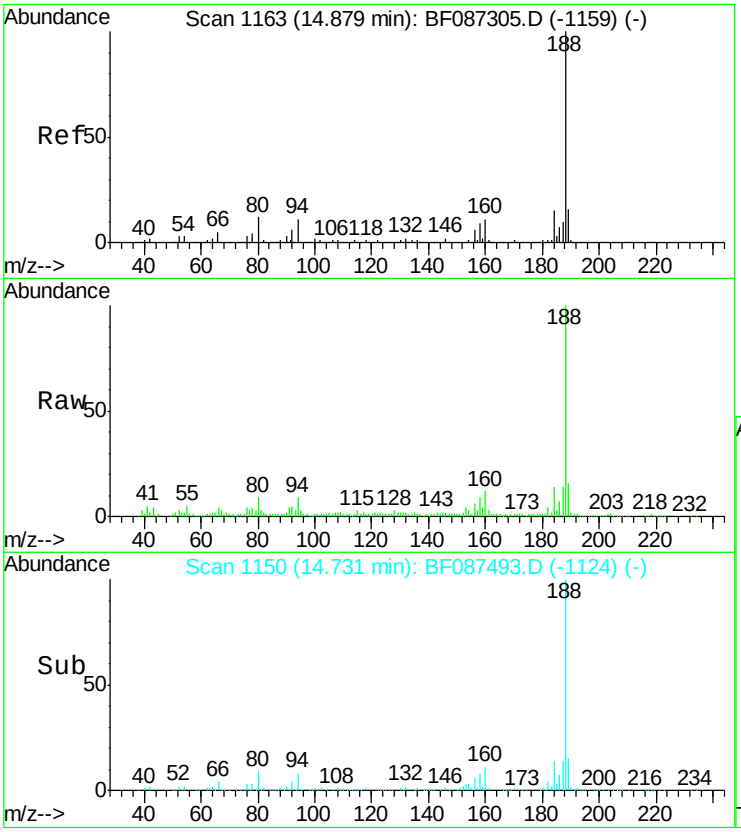


#44
2-Fluorobiphenyl
Concen: 86.23 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Tgt Ion:172 Resp: 1210569

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8



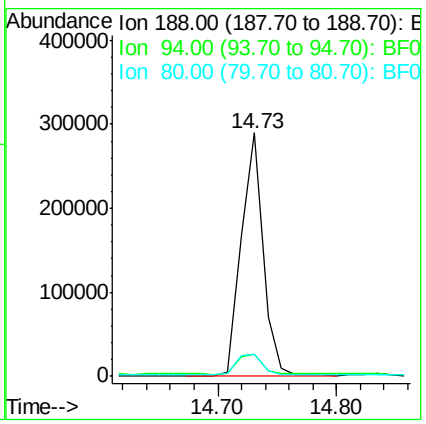


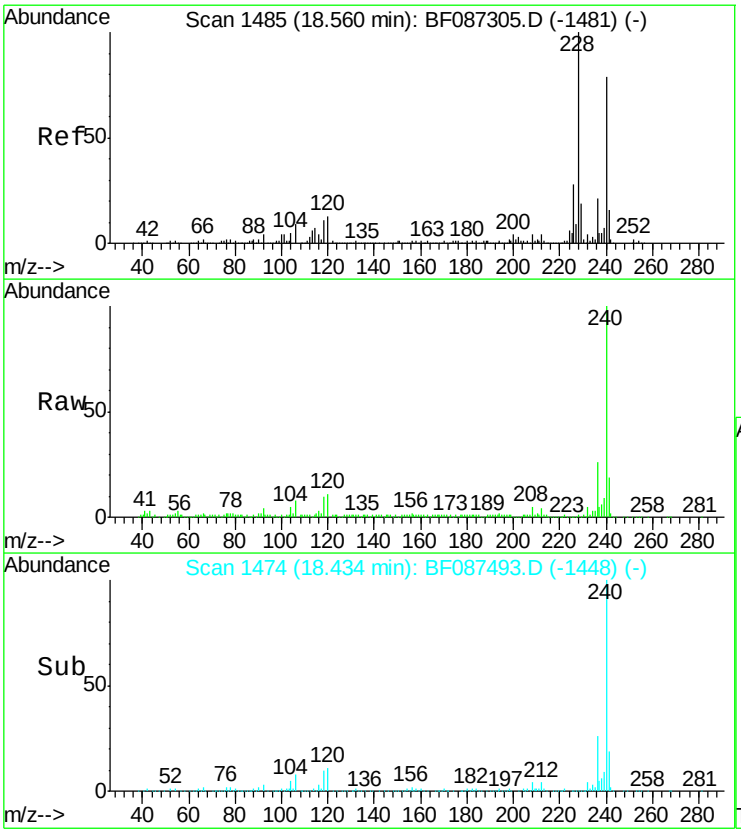
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:188 Resp: 371367

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.8	10.2
80	9.3	7.1	10.7

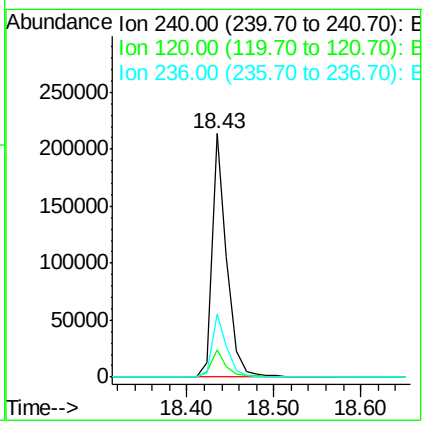


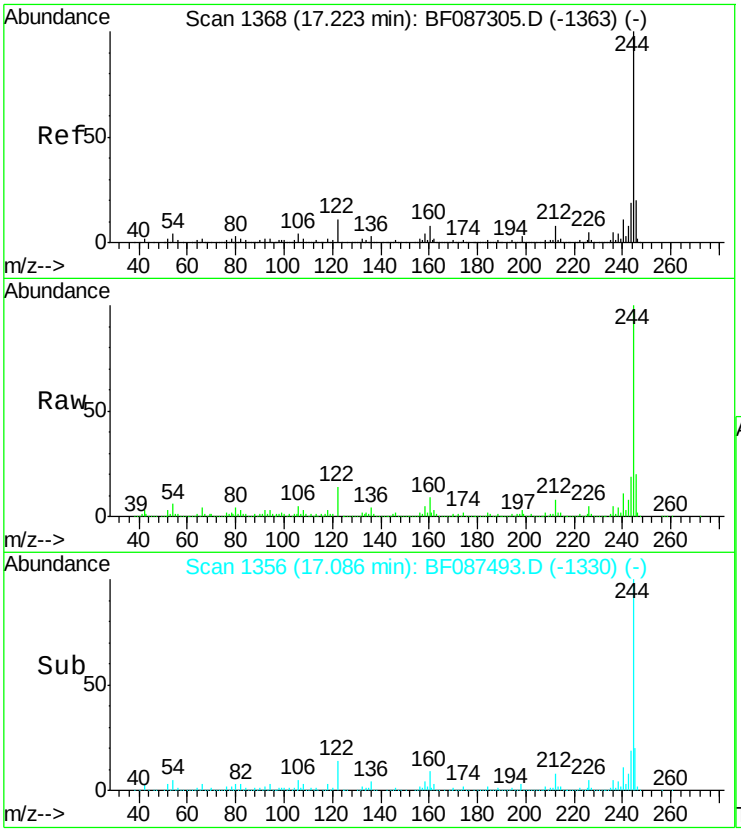


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Tgt Ion:240 Resp: 250177

Ion	Ratio	Lower	Upper
240	100		
120	11.1	11.2	16.8#
236	25.7	21.2	31.8



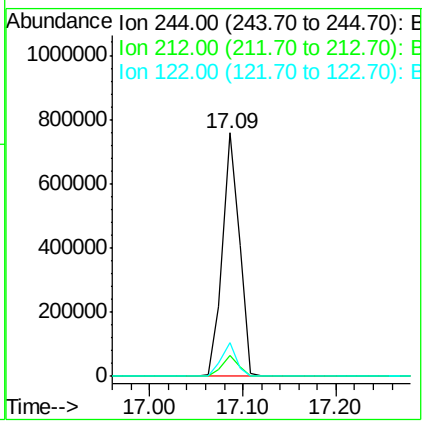


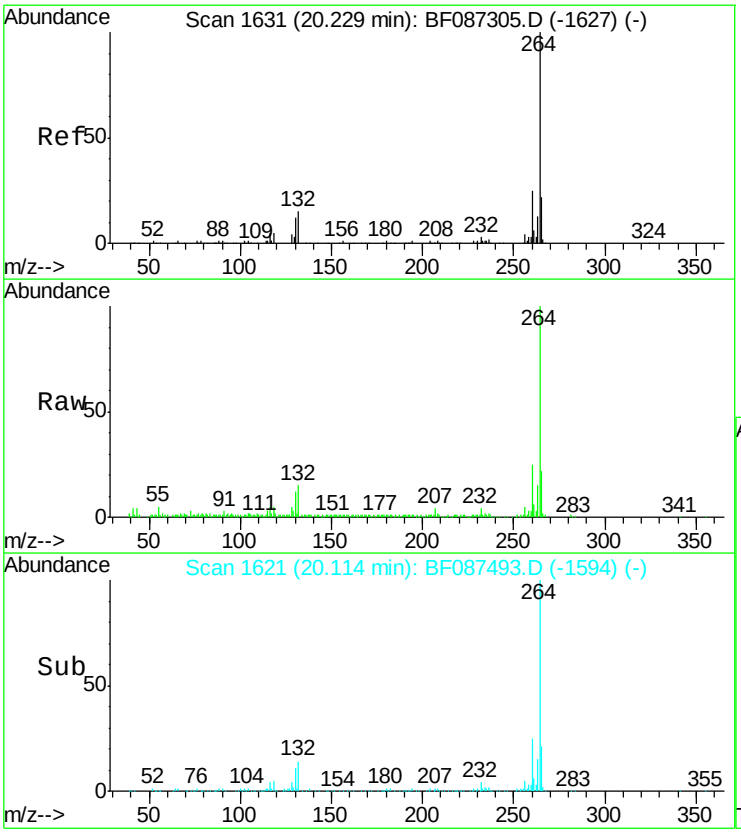
#78
Terphenyl-d14
Concen: 81.80 ng
RT: 17.09 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion:244 Resp: 962631

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	13.8	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.01 min
Lab File: BF087493.D
Acq: 28 May 2016 22:54

Tgt Ion:264 Resp: 211818

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.8	17.3	25.9