Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087518.D
Acq On : 29 May 2016 13:25
Operator : UM/SJ
Sample : H3222-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-22

Quant Time: May 30 05:05:02 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 04:10:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	103083	20.00	ng	0.00
21) Naphthalene-d8	9.50	136	400958	20.00	ng	-0.01
38) Acenaphthene-d10	12.33	164	187021	20.00	ng	0.00
63) Phenanthrene-d10	14.73	188	347302	20.00	ng	0.00
75) Chrysene-d12	18.43	240	267822	20.00	ng	0.00
86) Perylene-d12	20.11	264	206080	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	371529	63.33	ng	0.01
7) Phenol-d6	7.04	99	305514	38.54	ng	0.00
23) Nitrobenzene-d5	8.39	82	674153	84.74	ng	-0.01
41) 2,4,6-Tribromophenol	13.63	330	226641	126.11	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1018128	76.75	ng	-0.01
78) Terphenyl-d14	17.09	244	862892	68.50	ng	0.00

Target Compounds	Qvalue

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

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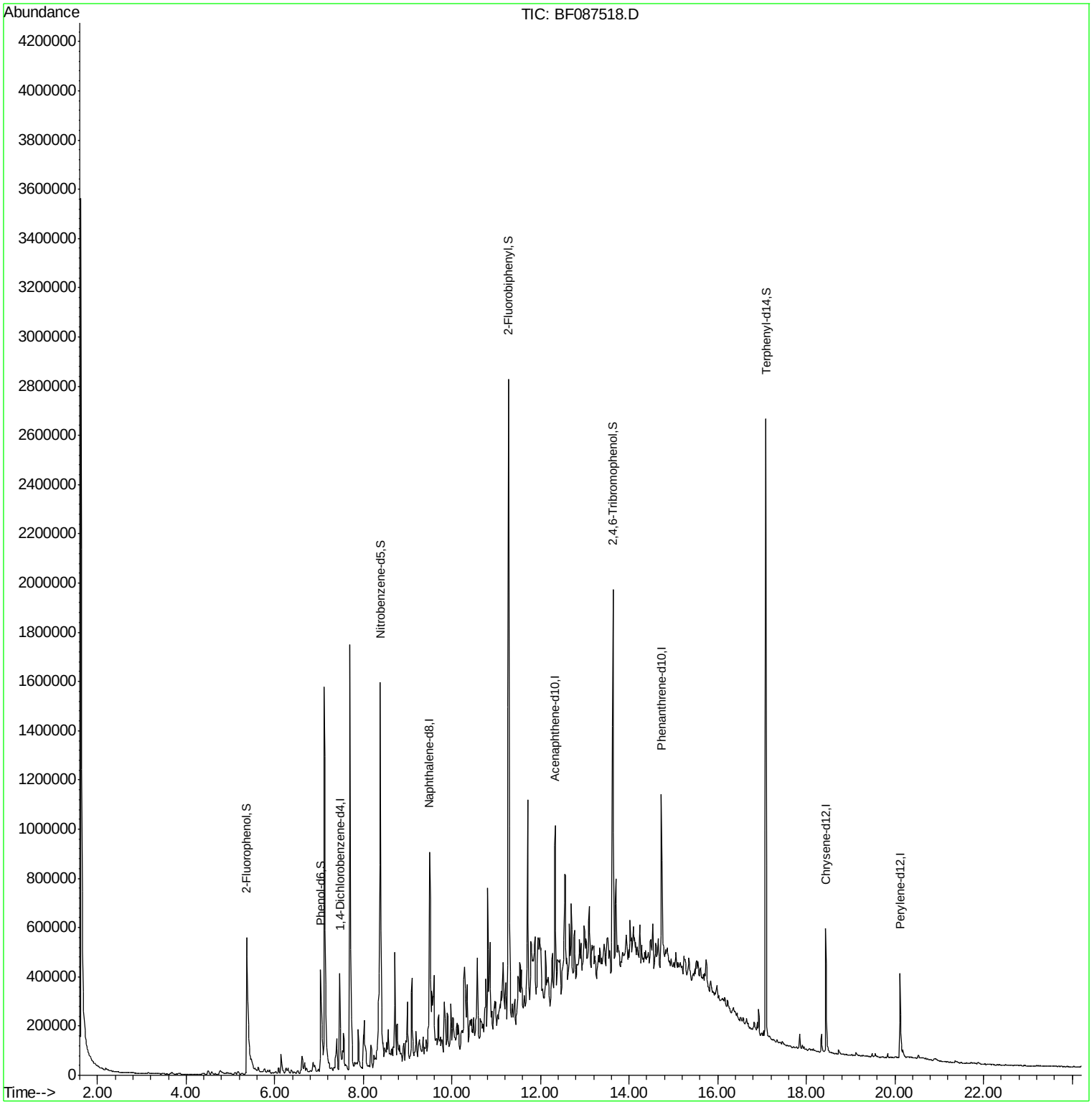
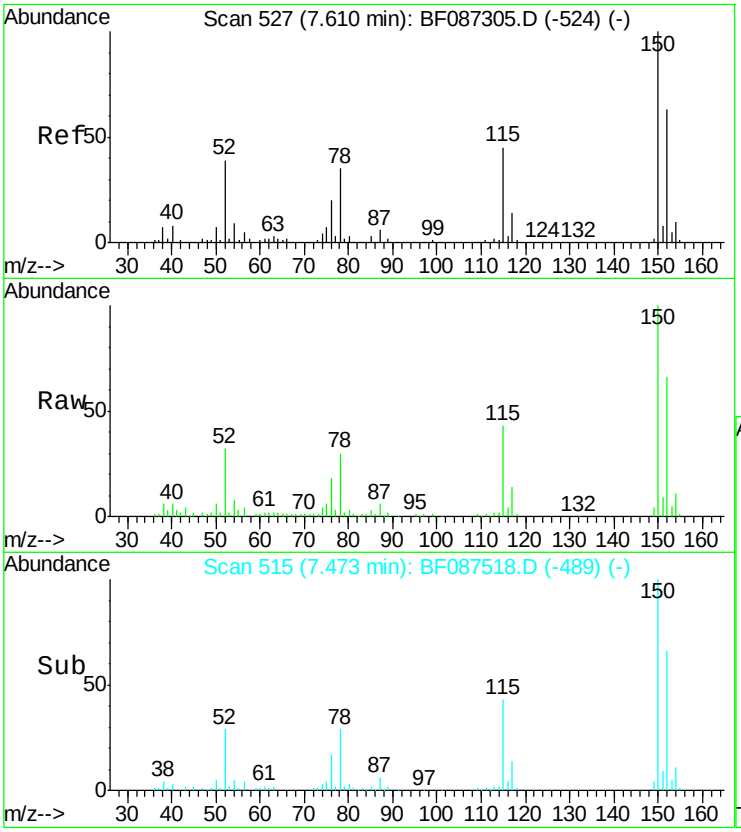


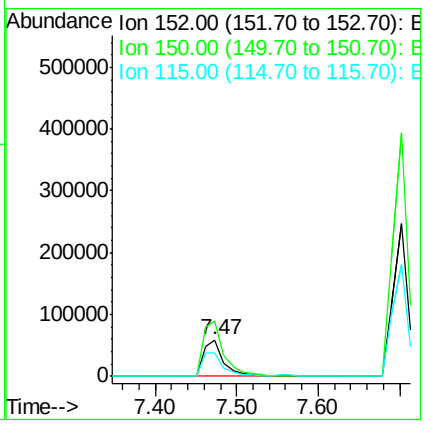


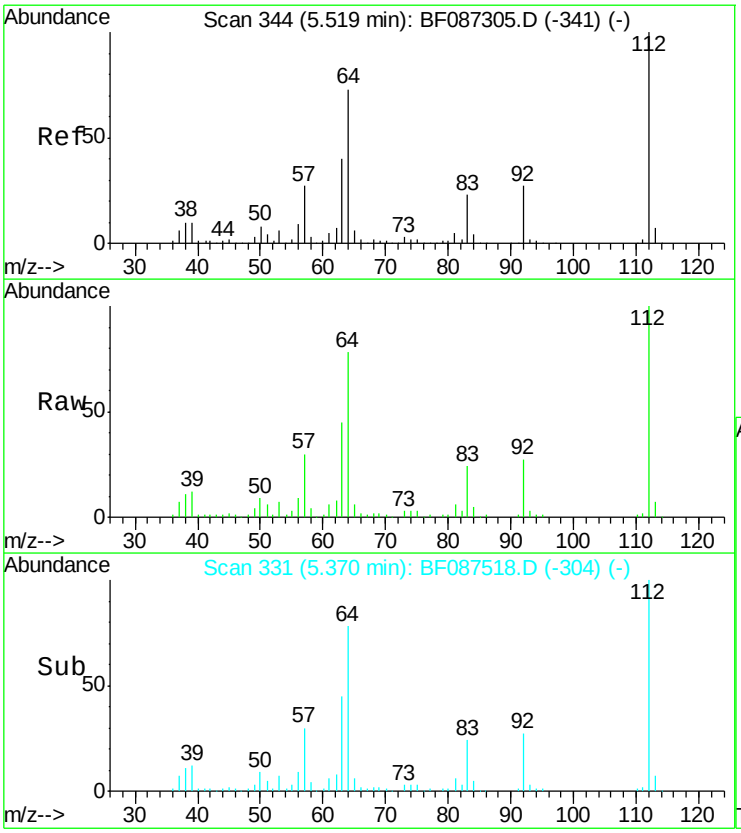
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:152 Resp: 103083

Ion	Ratio	Lower	Upper
152	100		
150	152.2	125.8	188.6
115	64.8	51.5	77.3

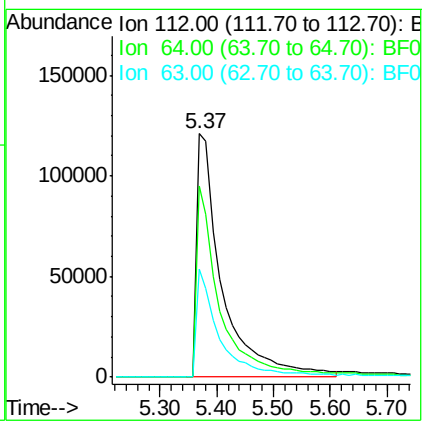


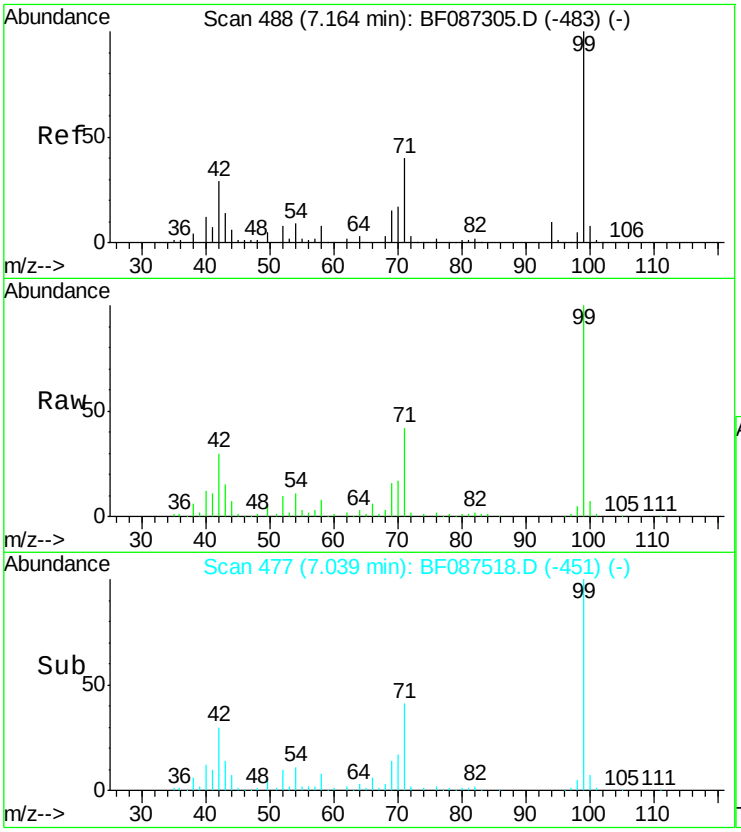


#5
2-Fluorophenol
Concen: 63.33 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.01 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:112 Resp: 371529

Ion	Ratio	Lower	Upper
112	100		
64	78.4	52.1	78.1#
63	44.5	25.7	38.5#



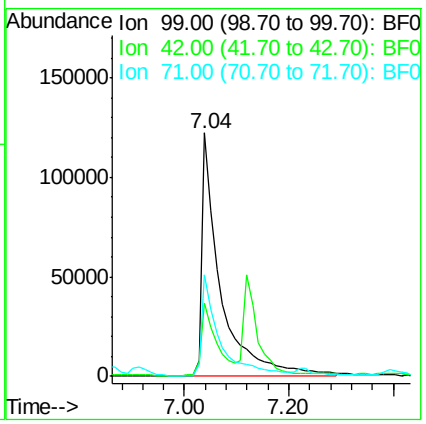


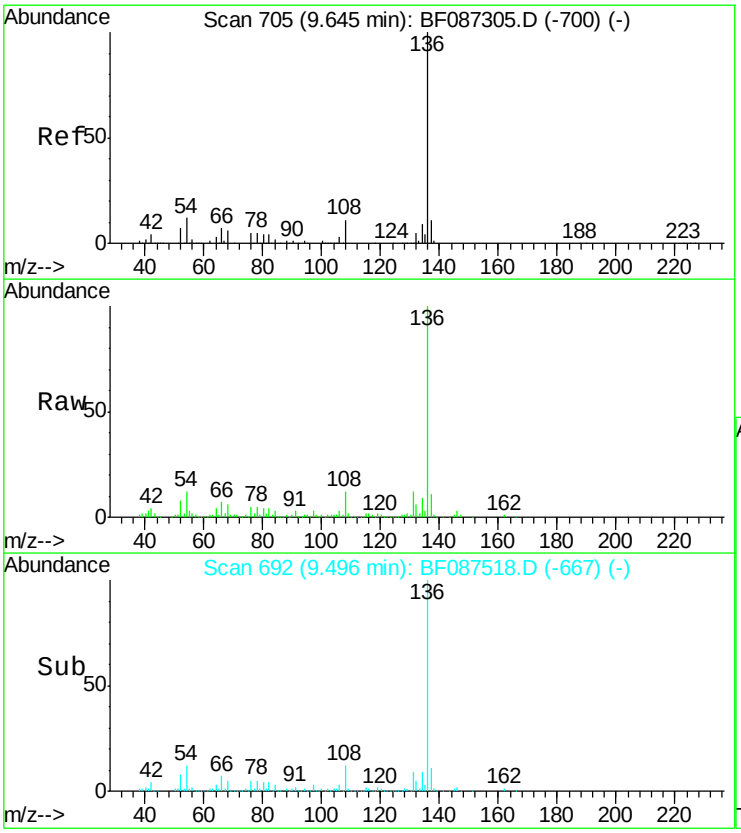
#7
Phenol-d6
Concen: 38.54 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 99 Resp: 305514

Ion	Ratio	Lower	Upper
99	100		
42	30.3	13.6	20.4#
71	41.7	24.6	36.8#

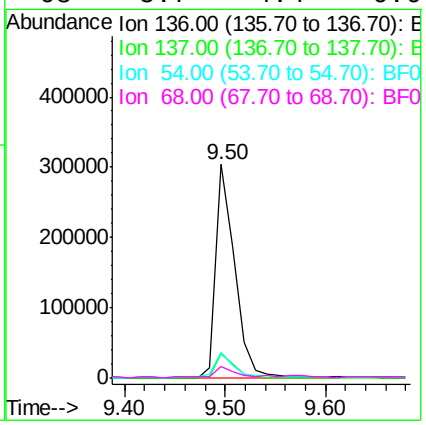


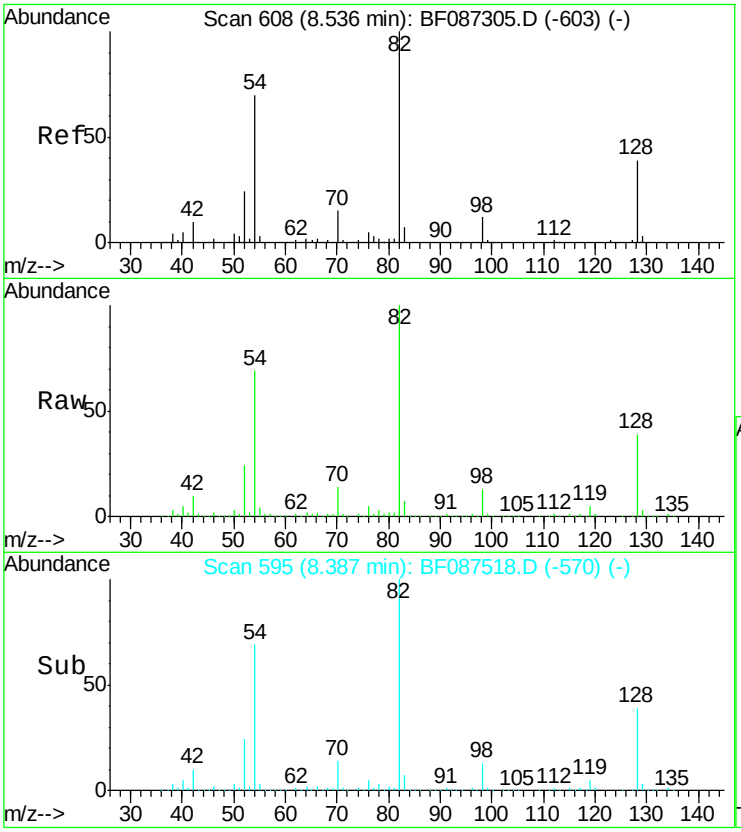


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:136 Resp: 400958

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	12.0	5.0	7.4#
68	5.7	4.4	6.6



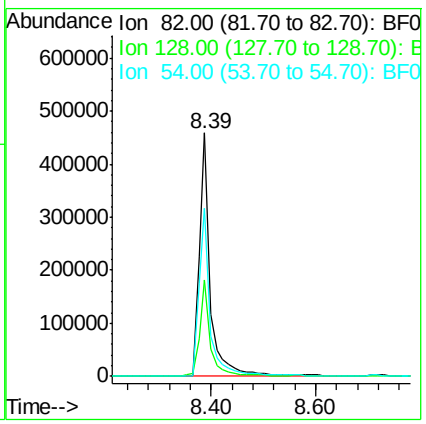


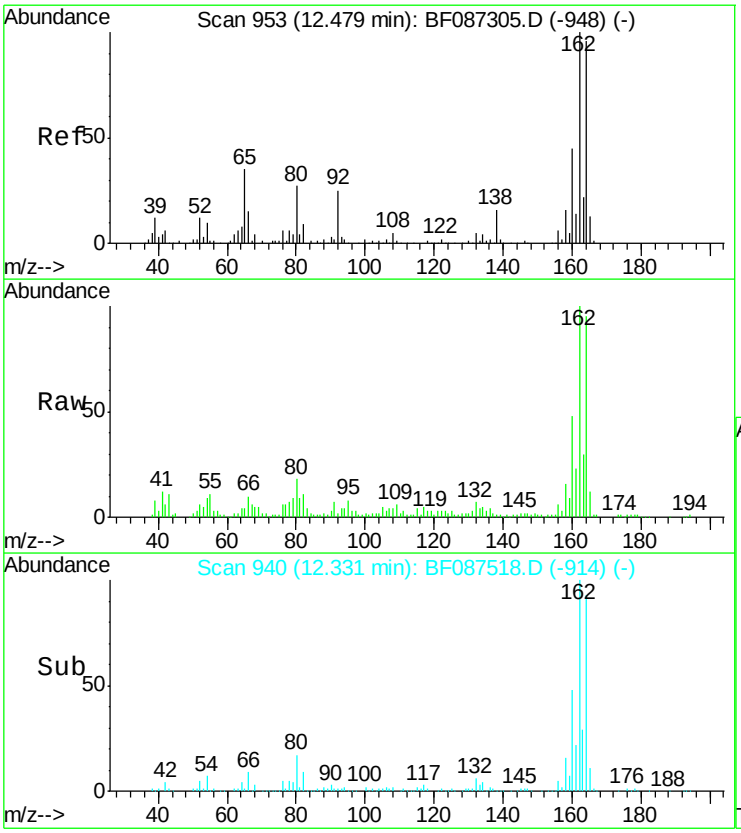
#23
Nitrobenzene-d5
Concen: 84.74 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 82 Resp: 674153

Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	61.0#
54	69.1	38.1	57.1#

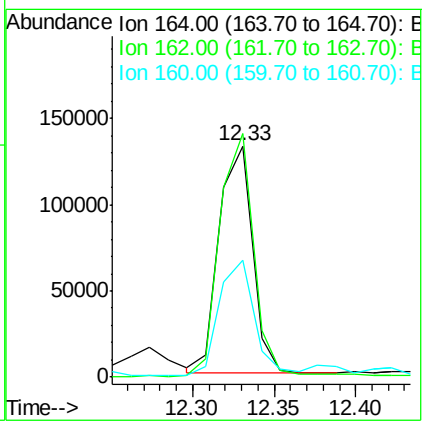


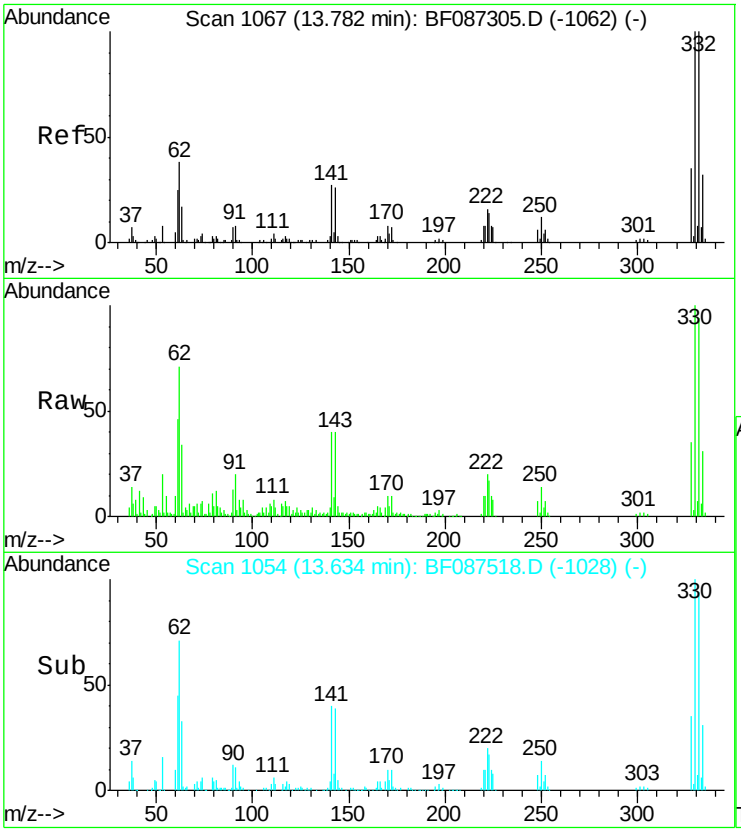


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:164 Resp: 187021

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.8	124.2
160	50.8	36.9	55.3



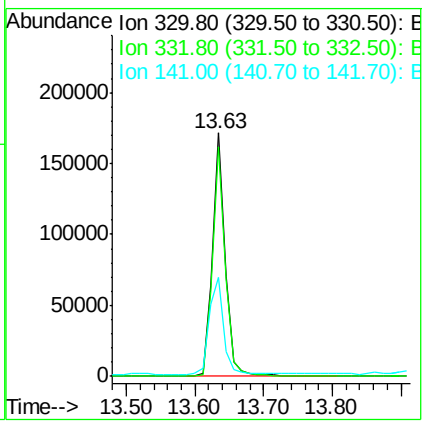


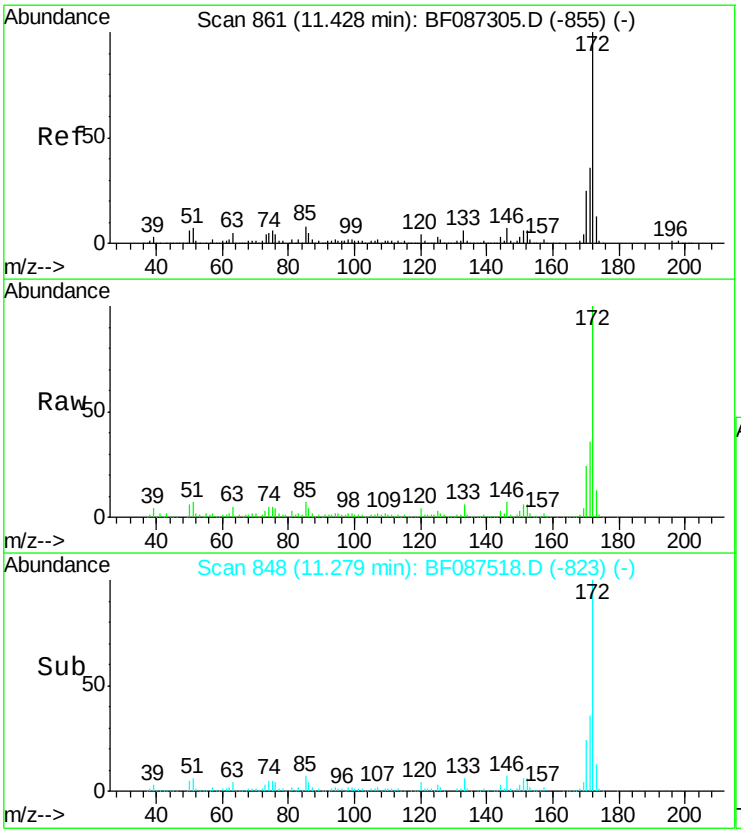
#41
2,4,6-Tribromophenol
Concen: 126.11 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:330 Resp: 226641

Ion	Ratio	Lower	Upper
330	100		
332	94.7	79.0	118.4
141	44.4	31.2	46.8

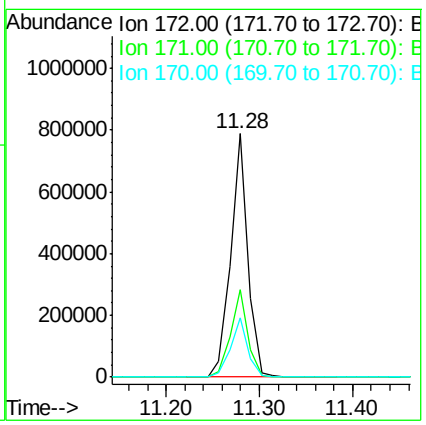


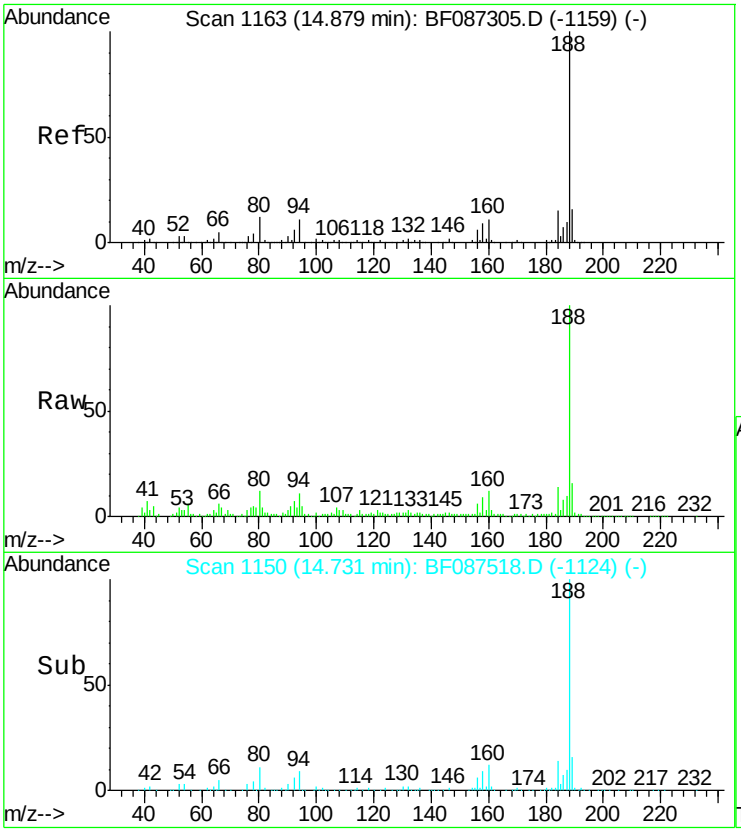


#44
2-Fluorobiphenyl
Concen: 76.75 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:172 Resp: 1018128

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.2	19.8	29.8



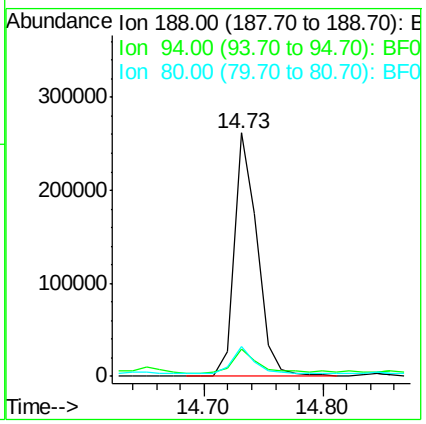


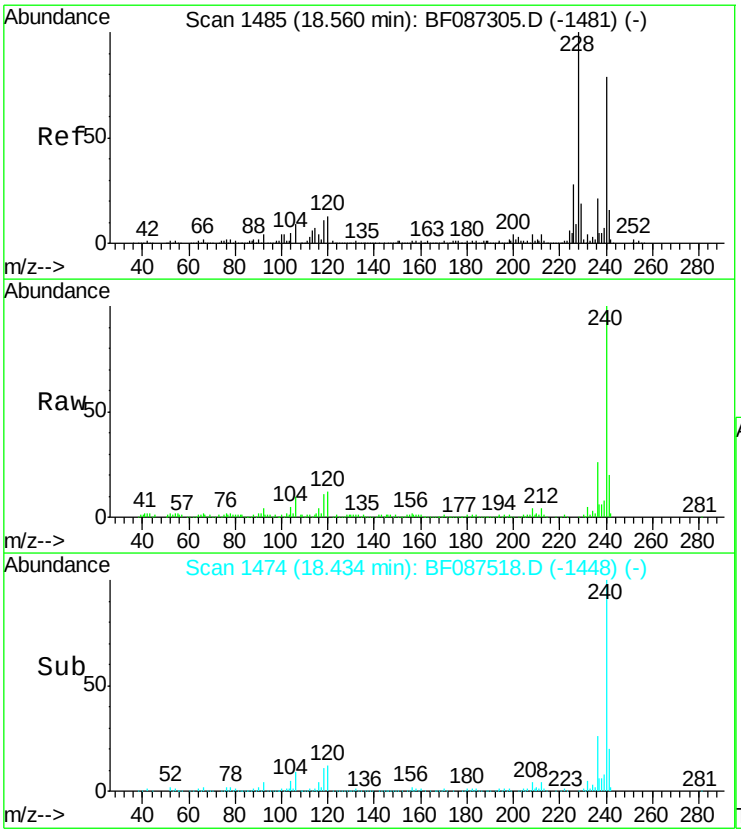
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:188 Resp: 347302

Ion	Ratio	Lower	Upper
188	100		
94	11.0	6.8	10.2#
80	12.4	7.1	10.7#

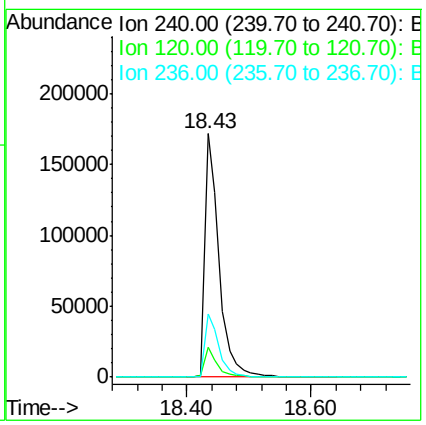


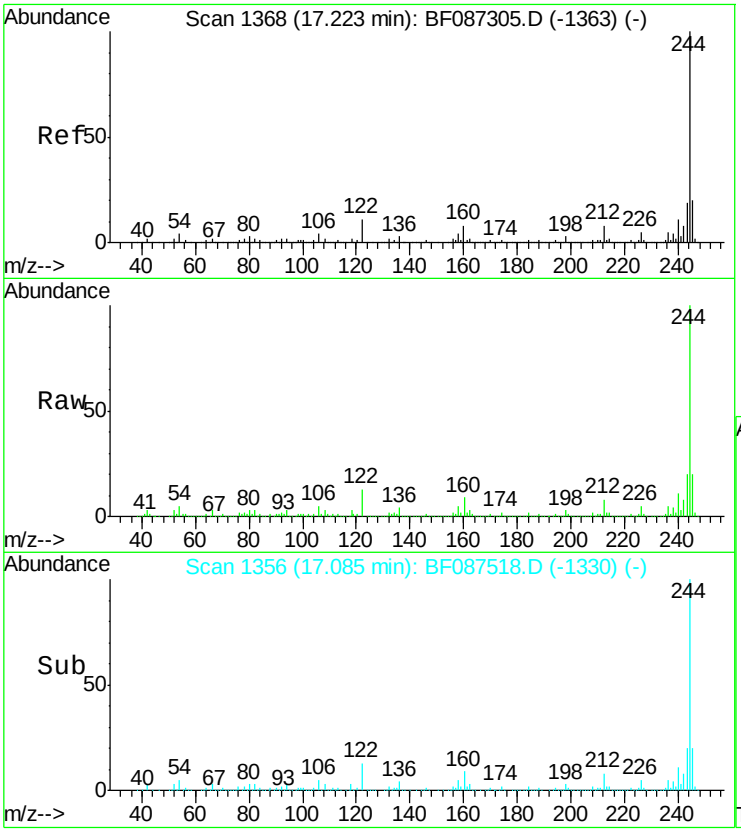


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:240 Resp: 267822

Ion	Ratio	Lower	Upper
240	100		
120	12.4	11.2	16.8
236	26.2	21.2	31.8



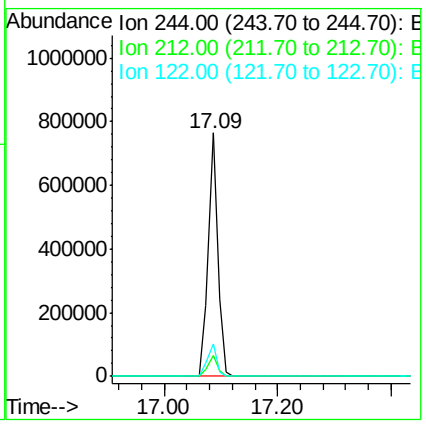


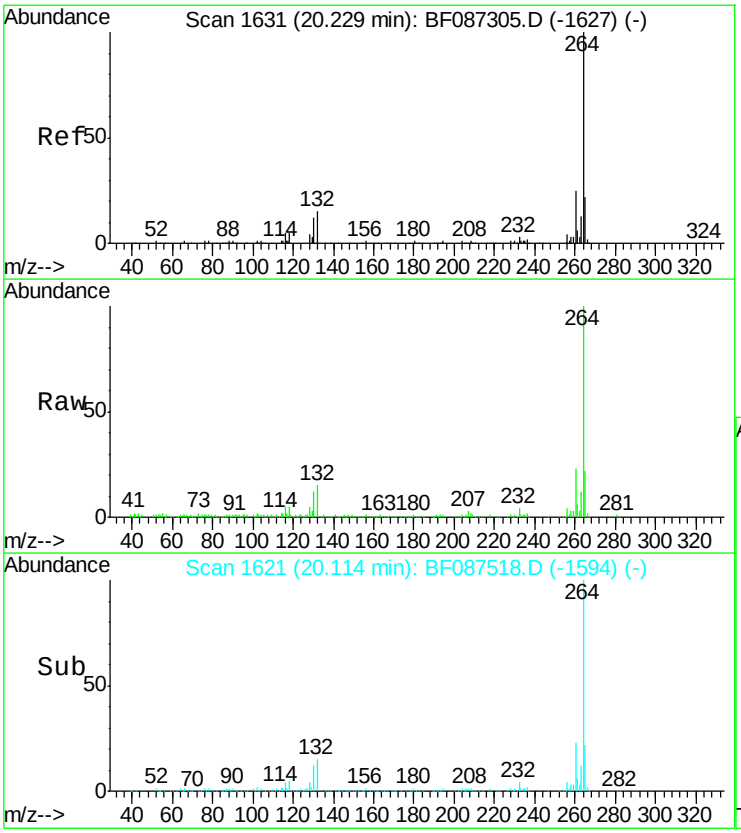
#78
Terphenyl-d14
Concen: 68.50 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF087518.D
Acq: 29 May 2016 13:25

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:244 Resp: 862892

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.2	9.2
122	13.1	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: BF087518.D
Acq: 29 May 2016 13:25

Tgt Ion:264 Resp: 206080

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	17.3	25.9