Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087255.D
Acq On : 21 May 2016 6:42
Operator : UM/SJ
Sample : H3167-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAV-RMW-2

Quant Time: May 23 01:07:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 01:04:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	123200	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	528152	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	268840	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	476295	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	363697	20.00	ng	-0.01
86) Perylene-d12	15.04	264	258667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	545699	74.45	ng	0.01
7) Phenol-d6	6.22	99	474592	48.28	ng	-0.01
23) Nitrobenzene-d5	7.13	82	910105	85.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	352783	118.75	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1684701	103.78	ng	0.00
78) Terphenyl-d14	12.65	244	1481621	92.15	ng	0.00

Target Compounds	Qvalue

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

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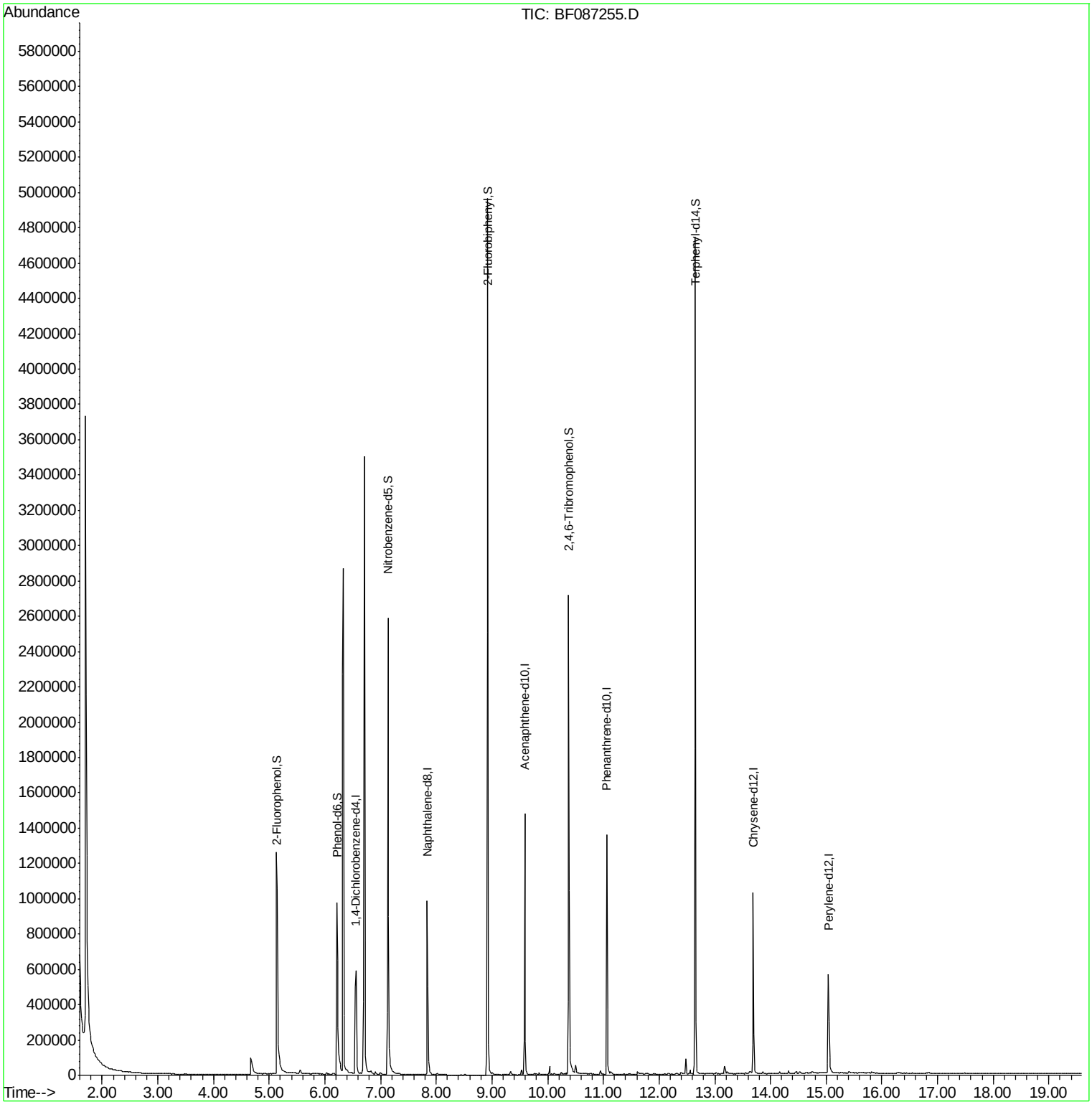
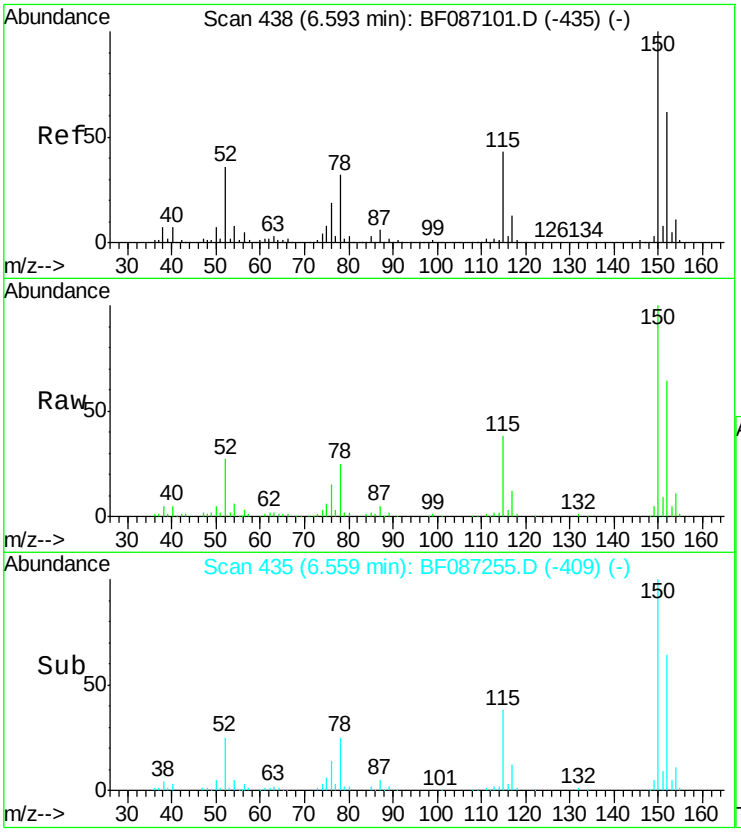


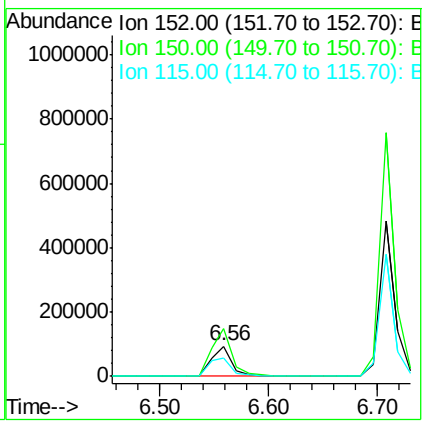


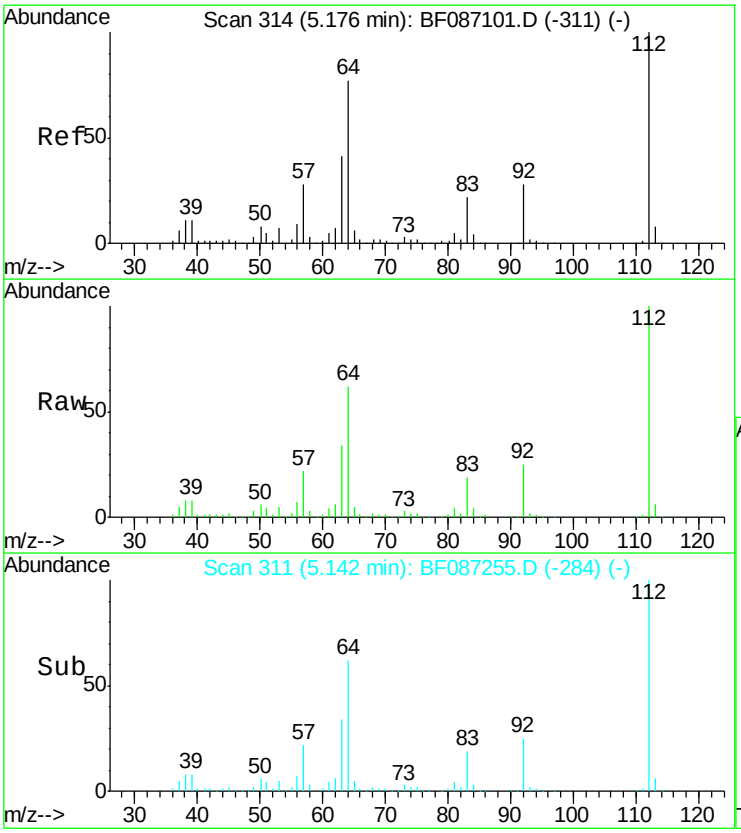
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-2

Tgt Ion:152 Resp: 123200

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.8	188.6
115	60.1	51.5	77.3

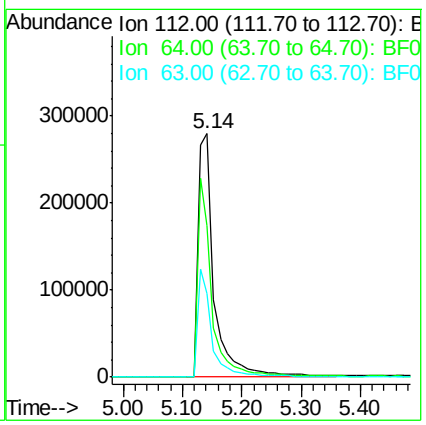


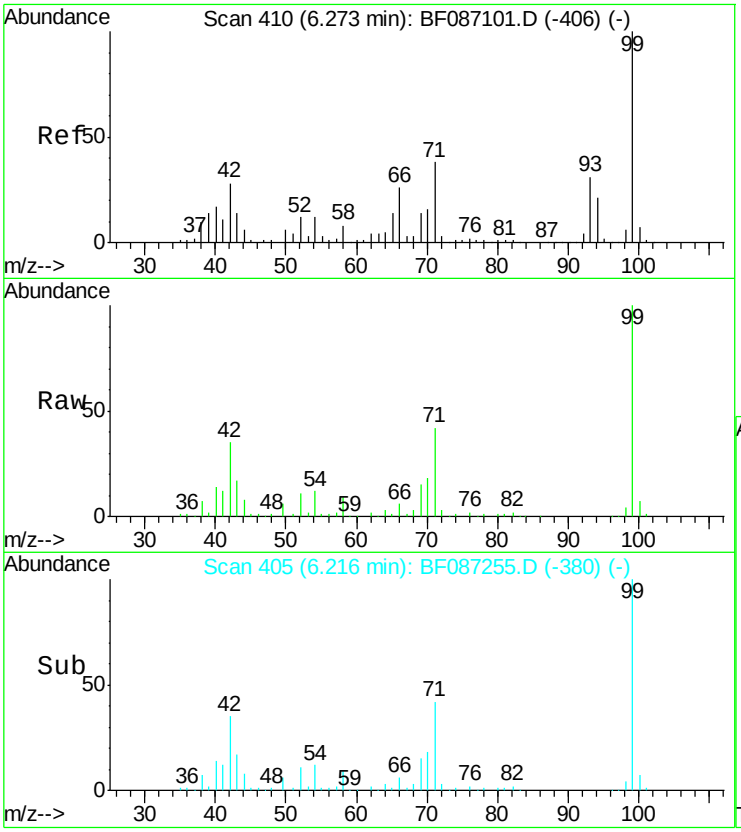


#5
2-Fluorophenol
Concen: 74.45 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Tgt Ion:112 Resp: 545699

Ion	Ratio	Lower	Upper
112	100		
64	62.5	52.1	78.1
63	34.4	25.7	38.5



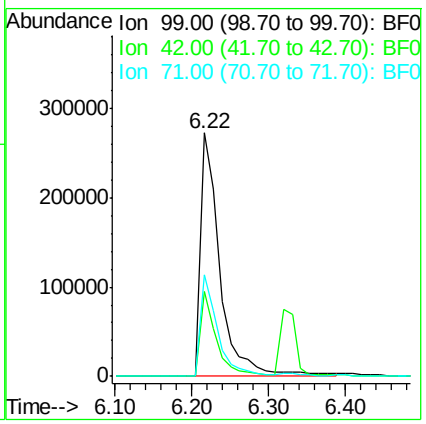


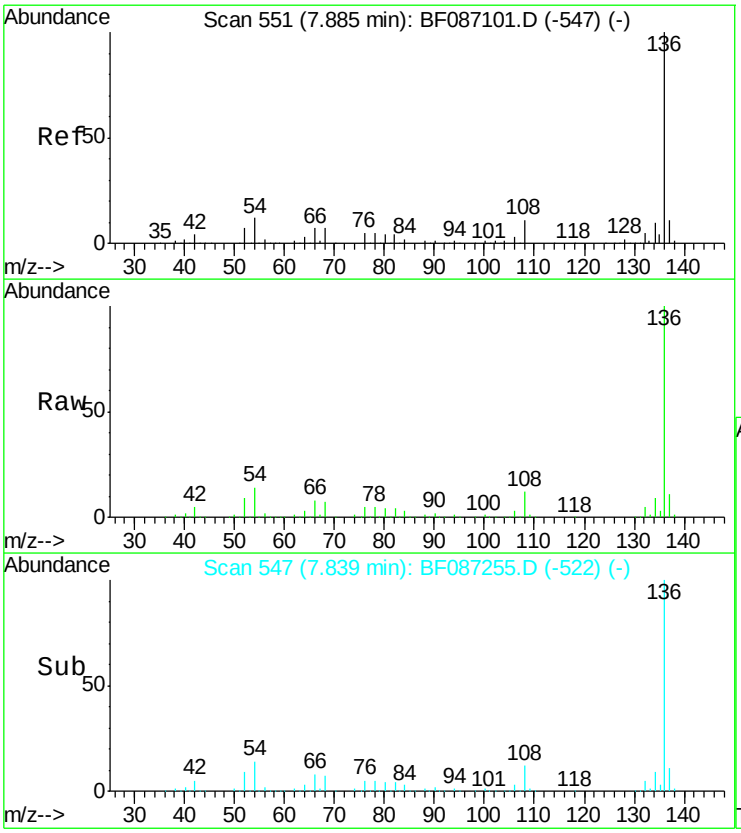
#7
Phenol-d6
Concen: 48.28 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-2

Tgt Ion: 99 Resp: 474592

Ion	Ratio	Lower	Upper
99	100		
42	34.9	13.6	20.4#
71	41.6	24.6	36.8#

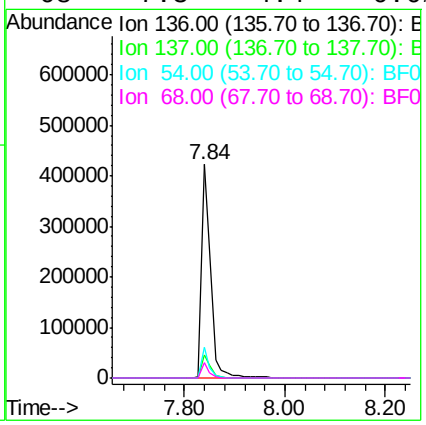


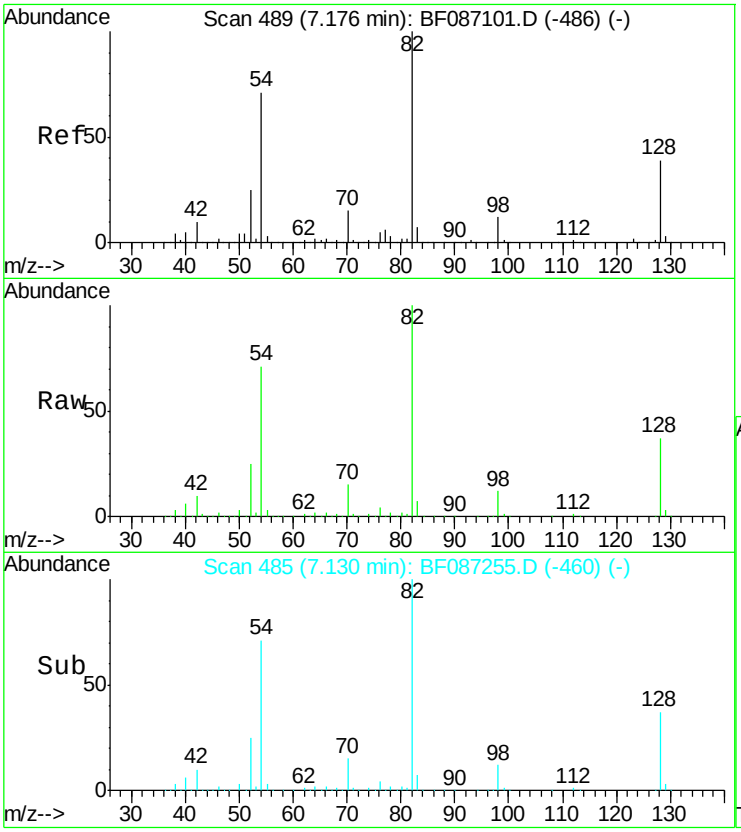


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Tgt Ion:136 Resp: 528152

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.4	5.0	7.4#
68	7.3	4.4	6.6#



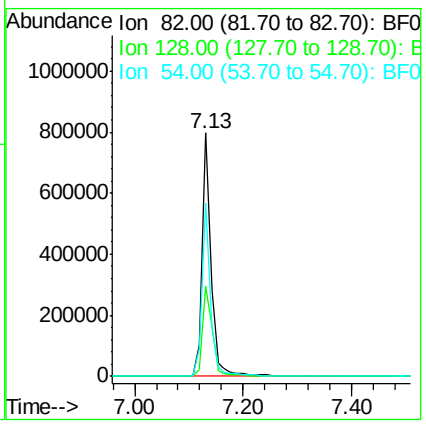


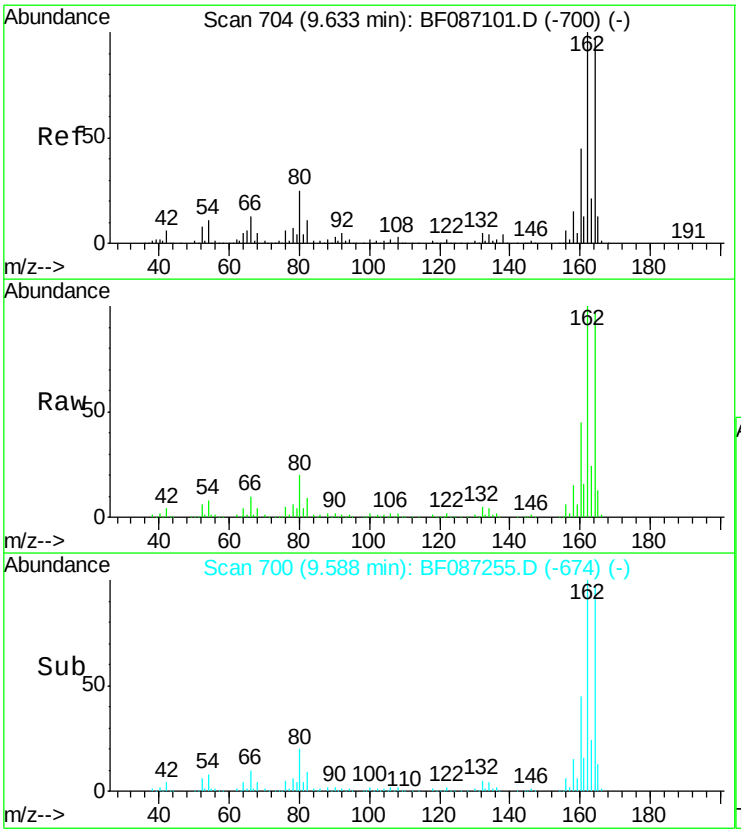
#23
Nitrobenzene-d5
Concen: 85.88 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-2

Tgt Ion: 82 Resp: 910105

Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.6	61.0#
54	71.4	38.1	57.1#

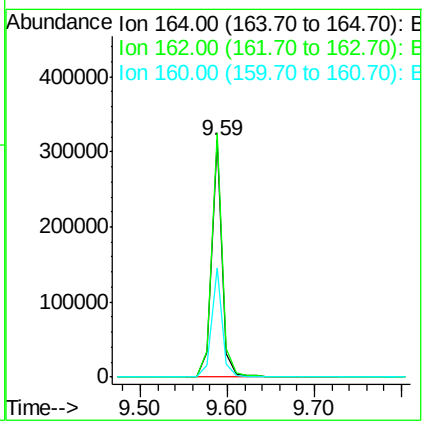


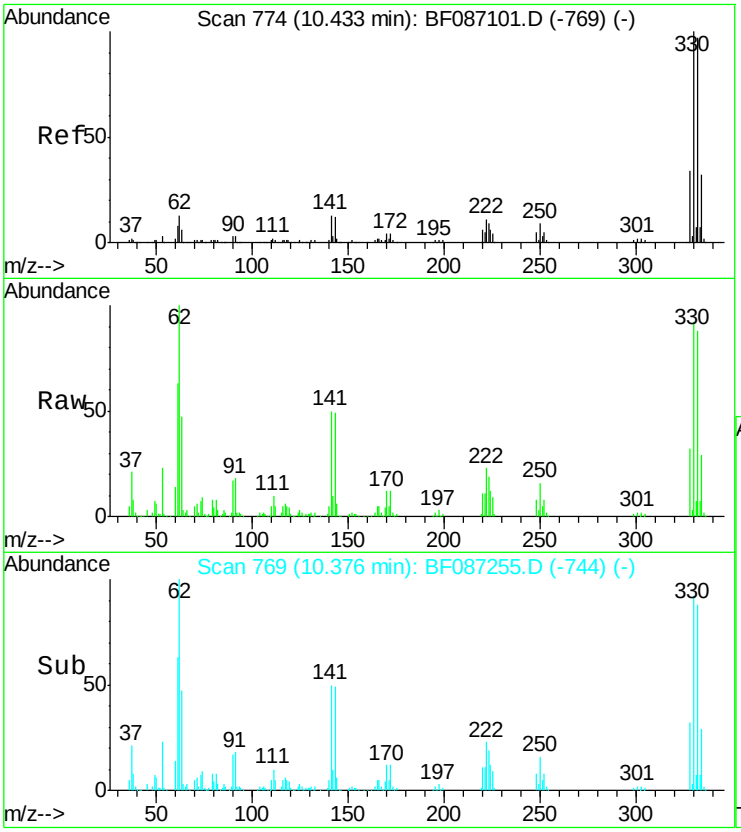


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Tgt Ion:164 Resp: 268840

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.8	124.2
160	46.3	36.9	55.3



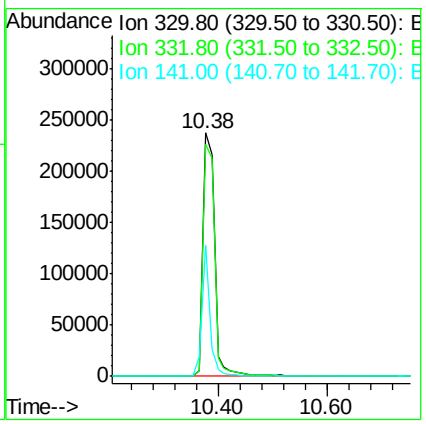


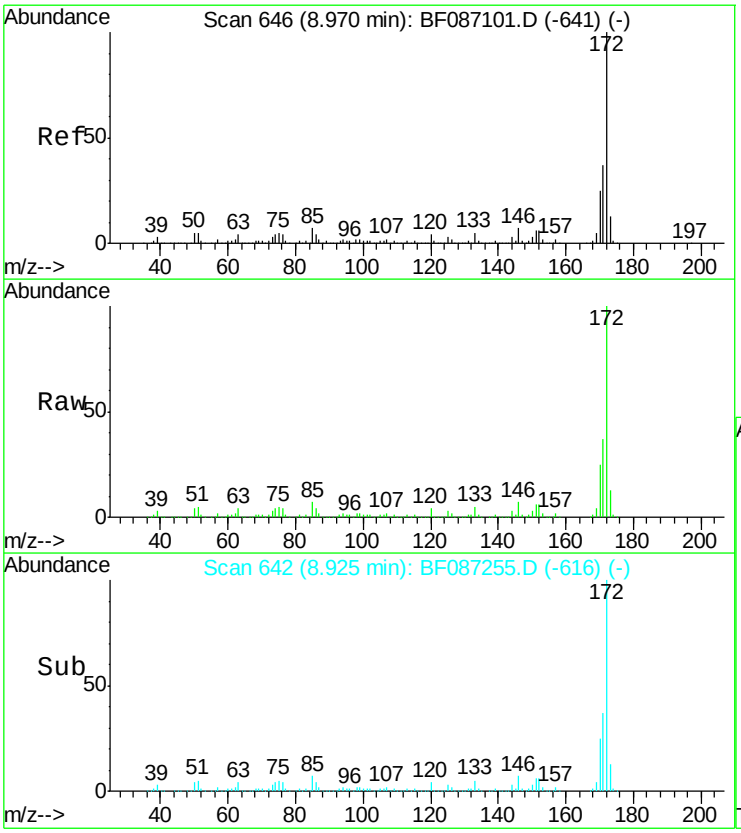
#41
2,4,6-Tribromophenol
Concen: 118.75 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-2

Tgt Ion:330 Resp: 352783

Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	37.6	31.2	46.8

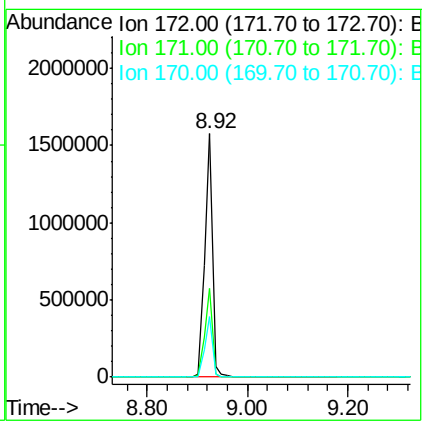


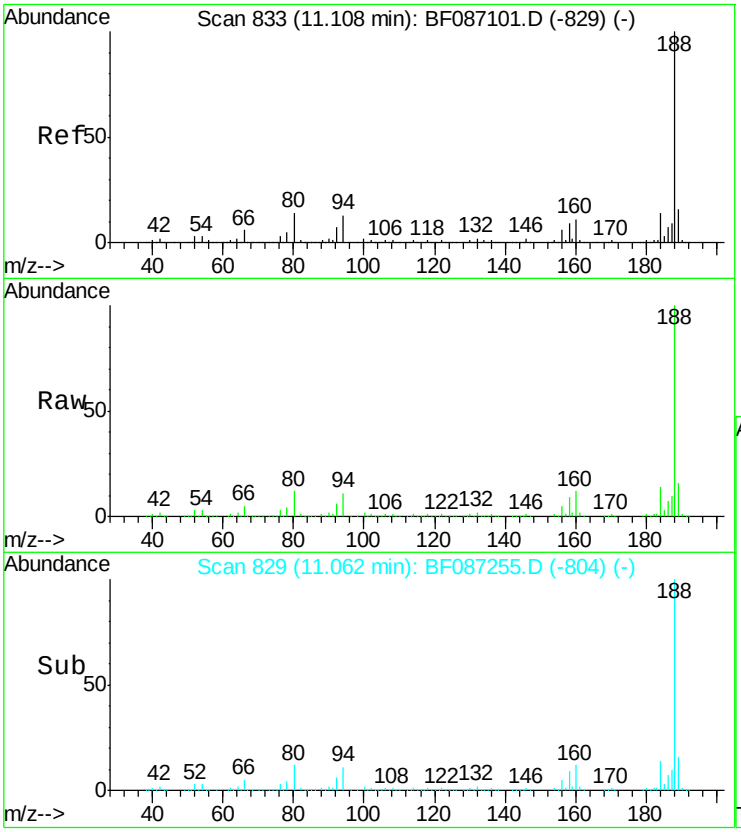


#44
2-Fluorobiphenyl
Concen: 103.78 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Tgt Ion:172 Resp: 1684701

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.8	19.8	29.8



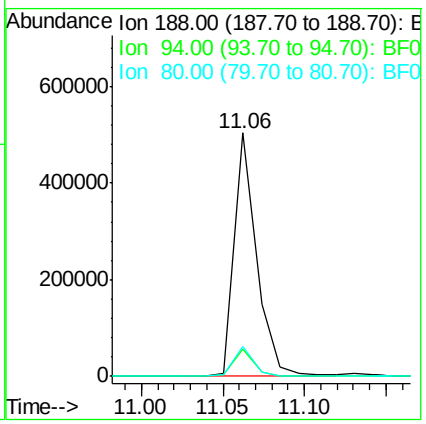


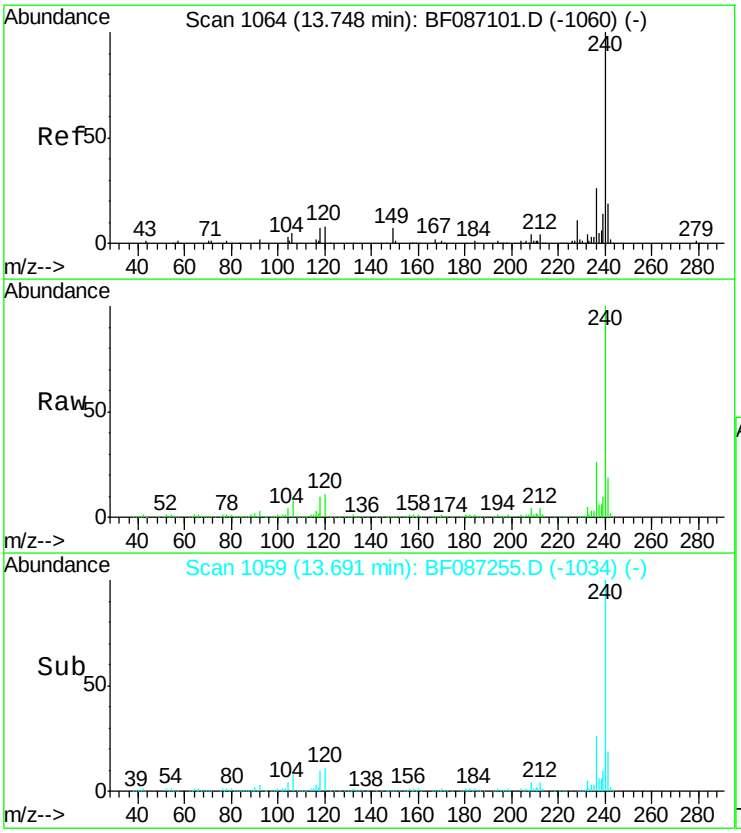
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-2

Tgt Ion:188 Resp: 476295

Ion	Ratio	Lower	Upper
188	100		
94	11.5	6.8	10.2#
80	12.4	7.1	10.7#

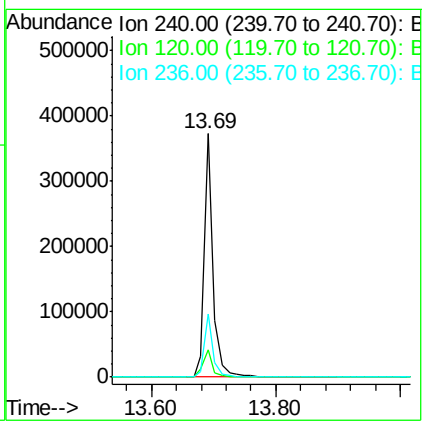


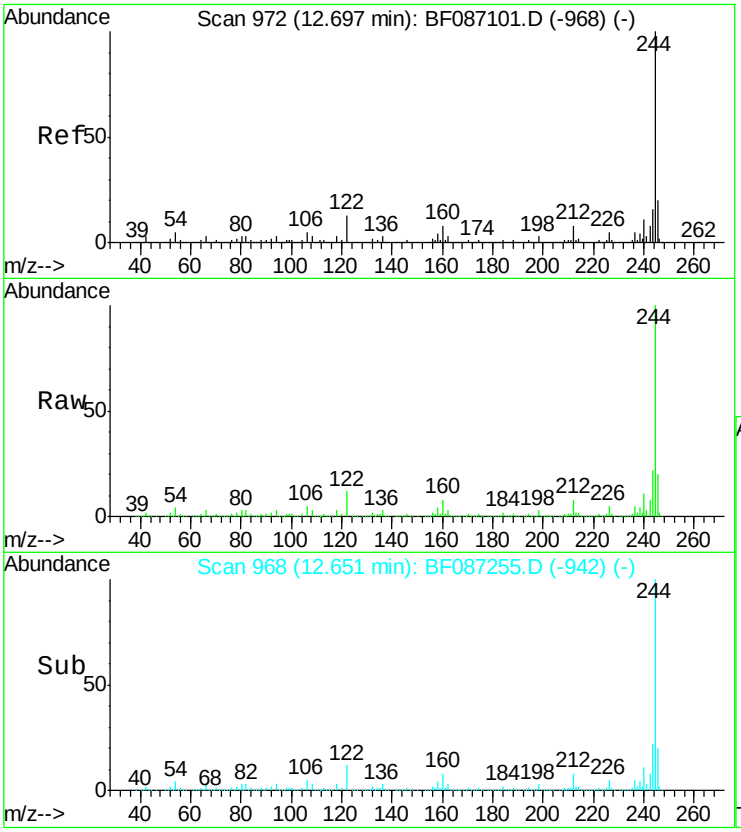


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Tgt Ion:240 Resp: 363697

Ion	Ratio	Lower	Upper
240	100		
120	11.2	11.2	16.8#
236	26.0	21.2	31.8



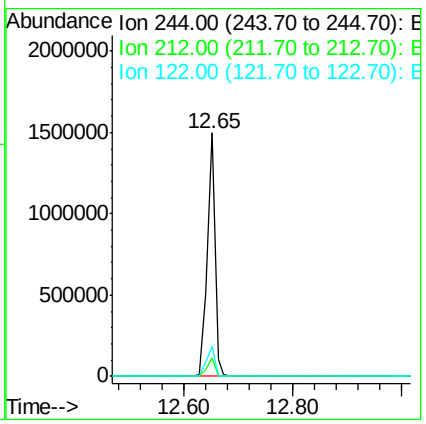


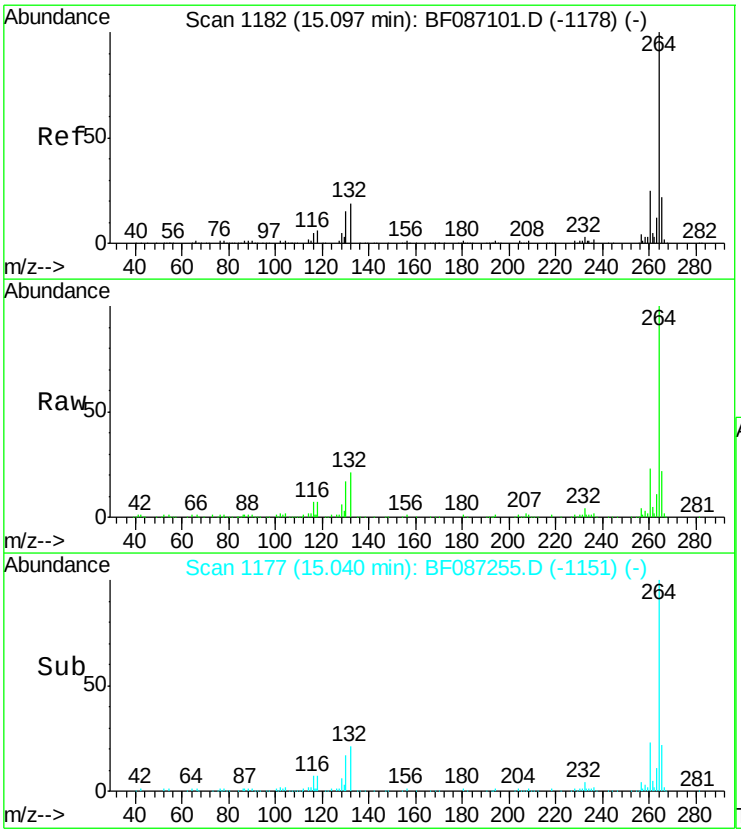
#78
Terphenyl-d14
Concen: 92.15 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Instrument :
BNA_F
ClientSampleId :
RAV-RMW-2

Tgt Ion:244 Resp: 1481621

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.4	12.0	18.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF087255.D
Acq: 21 May 2016 6:42

Tgt Ion:264 Resp: 258667

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.0	17.3	25.9