Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
Data File : BF093524.D
Acq On : 10 Mar 2017 16:14
Operator : SJ/MA
Sample : I2160-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B54-B56-001

Manual Integrations APPROVED
mohammad
3/13/2017 5:28:40 PM

Quant Time: Mar 10 17:45:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	184750m	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	640593	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	313369	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	589491	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	523823	20.00	ng	-0.02
86) Perylene-d12	15.31	264	382602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1245424	112.19	ng	0.01
7) Phenol-d6	6.41	99	1573929	112.44	ng	0.00
23) Nitrobenzene-d5	7.32	82	1068147	92.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	292095	143.07	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1446803	85.88	ng	-0.03
78) Terphenyl-d14	12.85	244	1496163	74.26	ng	-0.02
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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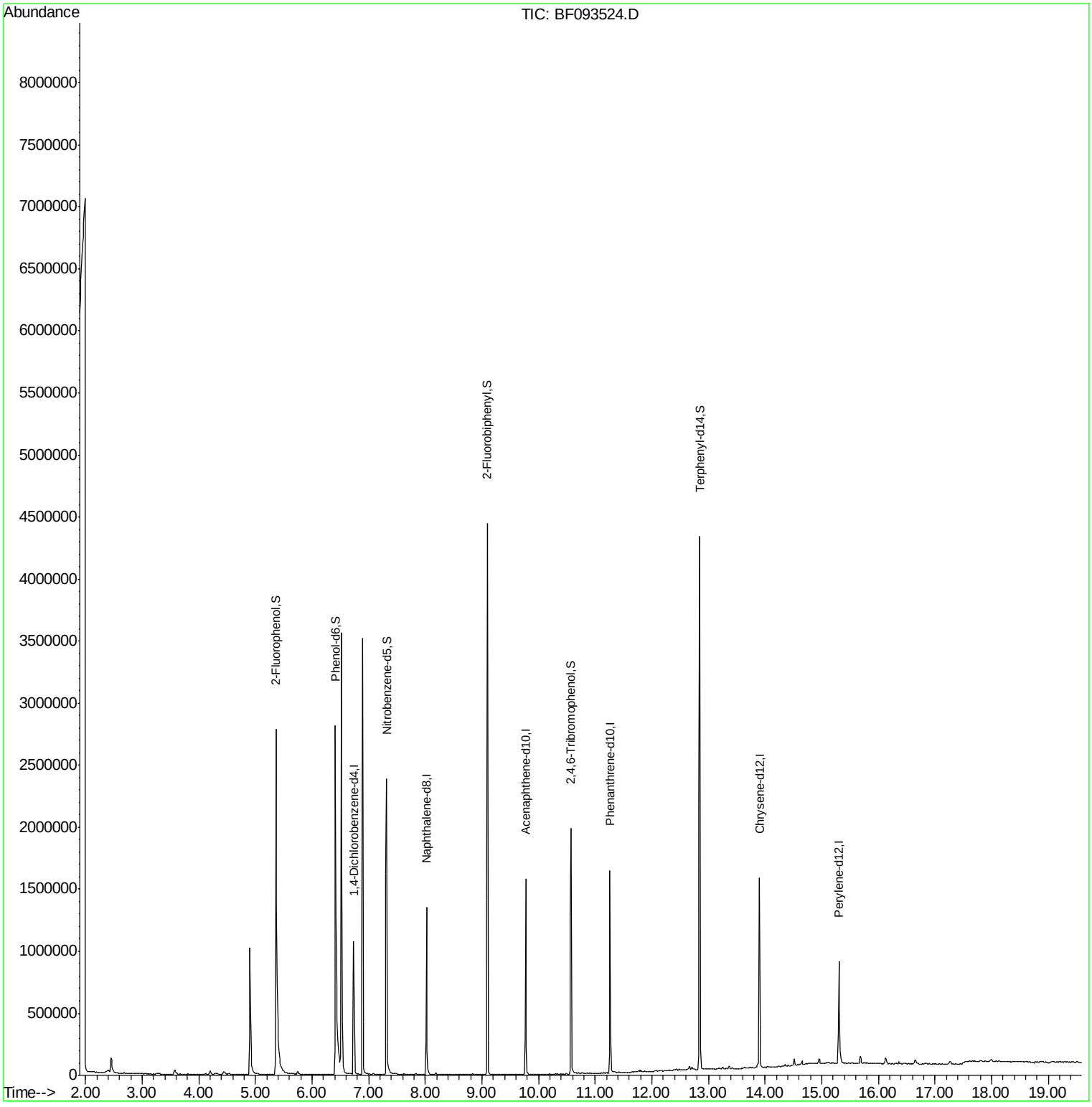
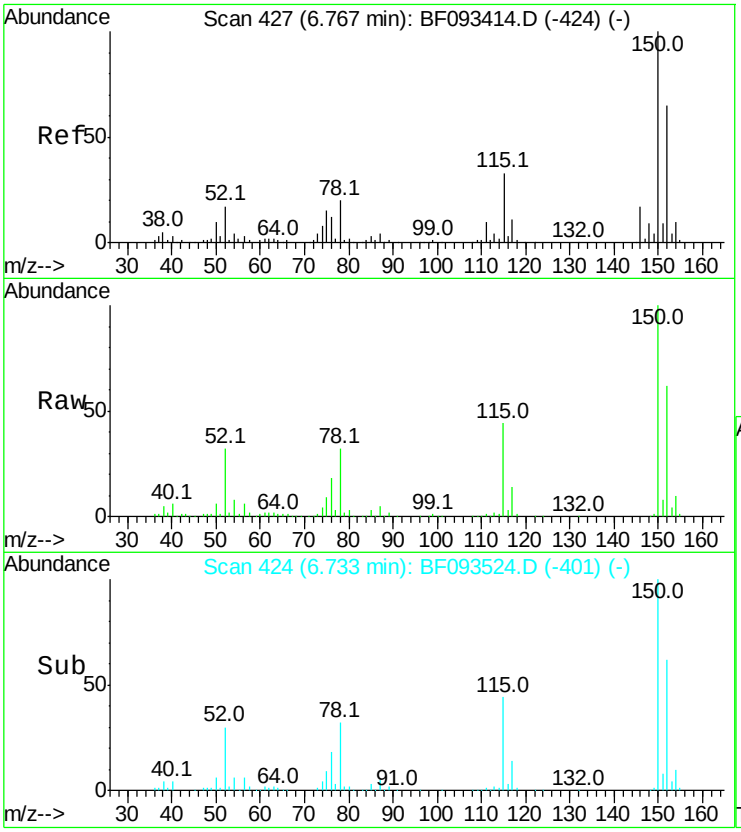
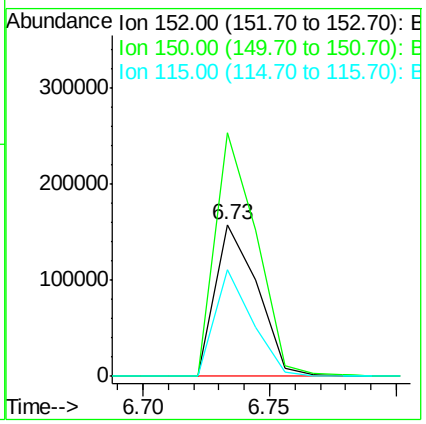




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.73 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:152 Resp: 184750

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.9	187.3
115	70.1	46.0	69.0#



Instrument :
BNA_F
ClientSampleId :
WC-B54-B56-001

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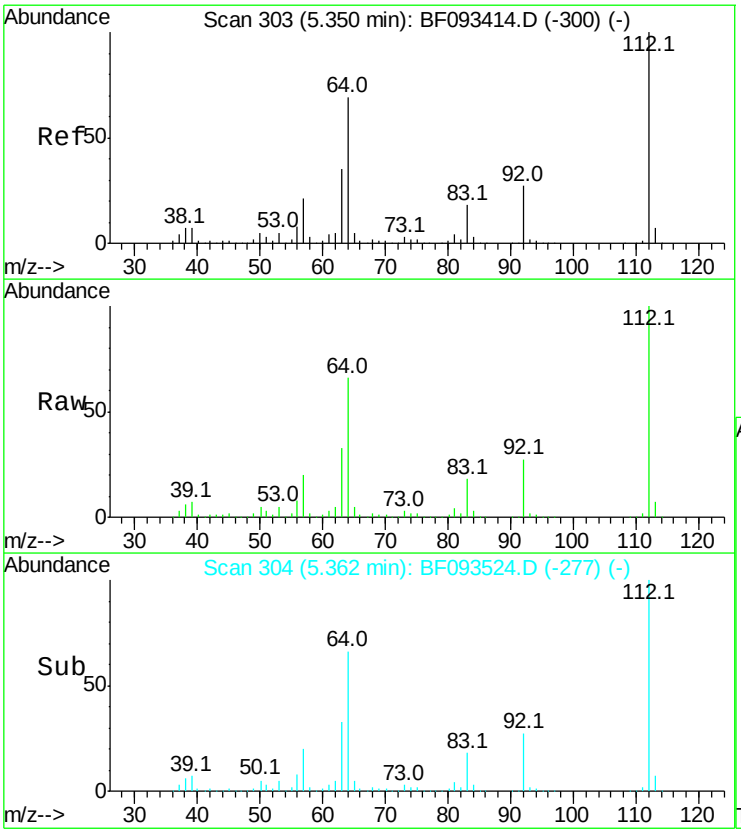
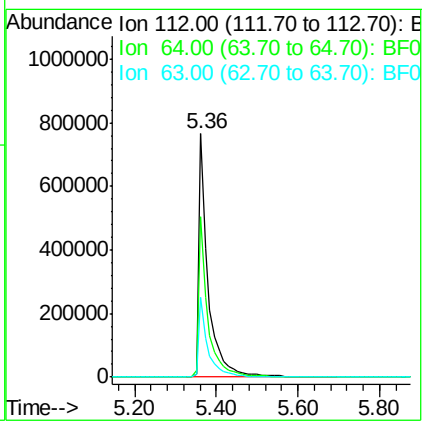
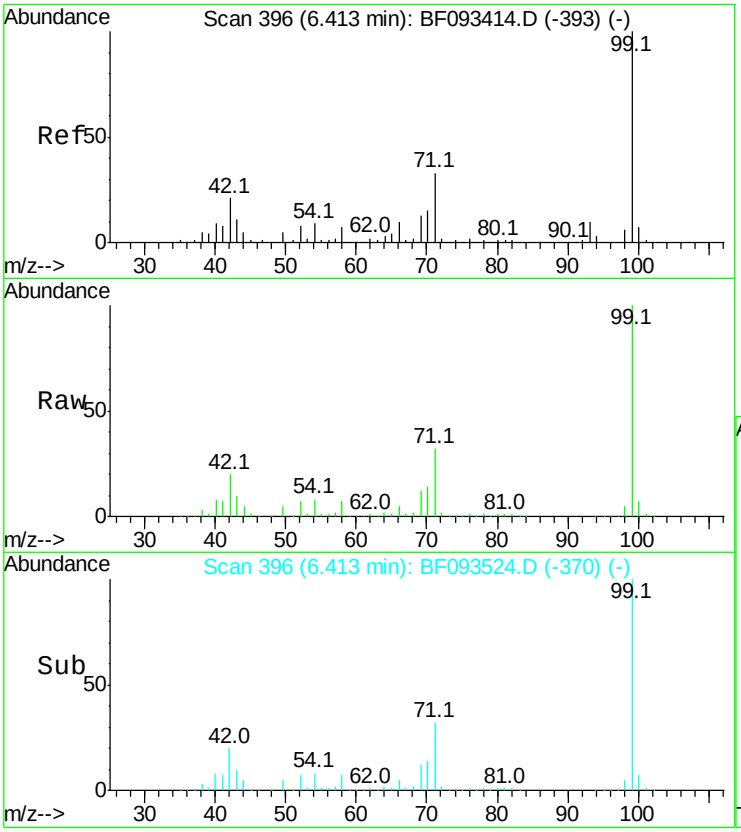


#5
2-Fluorophenol
Concen: 112.19 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:112 Resp: 1245424

Ion	Ratio	Lower	Upper
112	100		
64	66.1	46.1	69.1
63	32.6	23.8	35.6

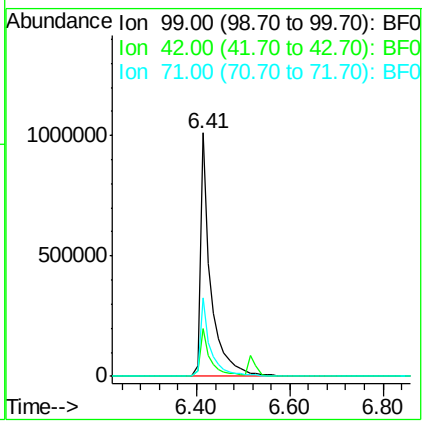




#7
Phenol-d6
Concen: 112.44 ng
RT: 6.41 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion: 99 Resp: 1573929

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.6	23.4
71	32.3	27.5	41.3



Instrument :
BNA_F
ClientSampleId :
WC-B54-B56-001

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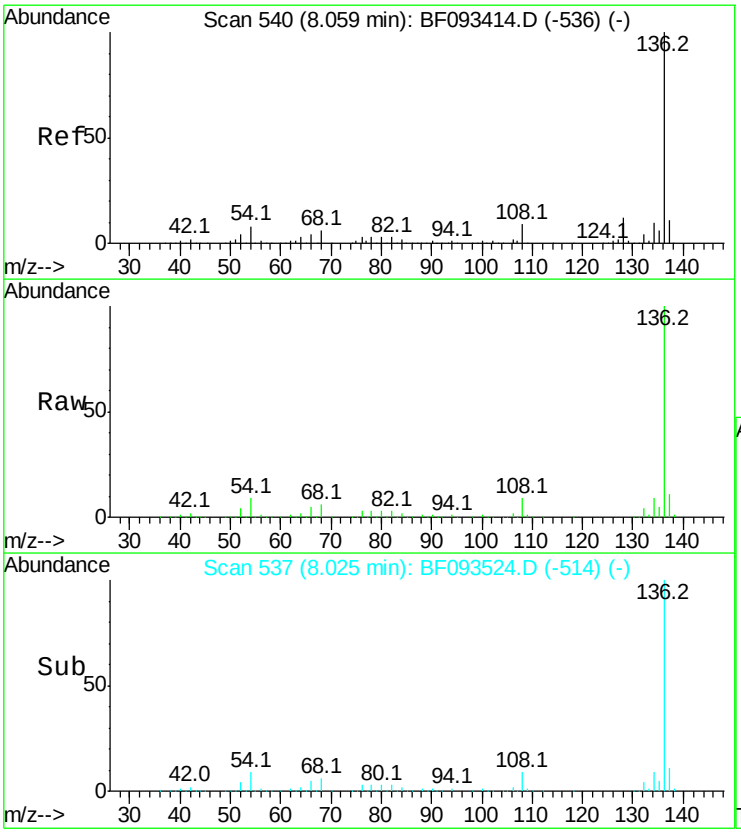
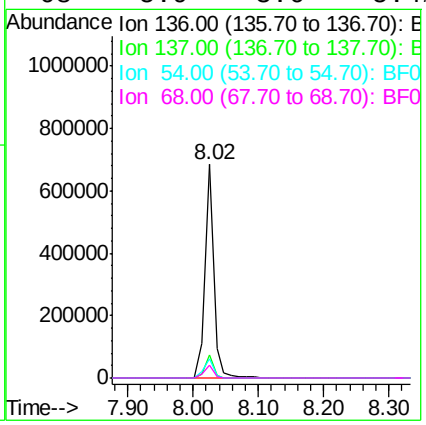
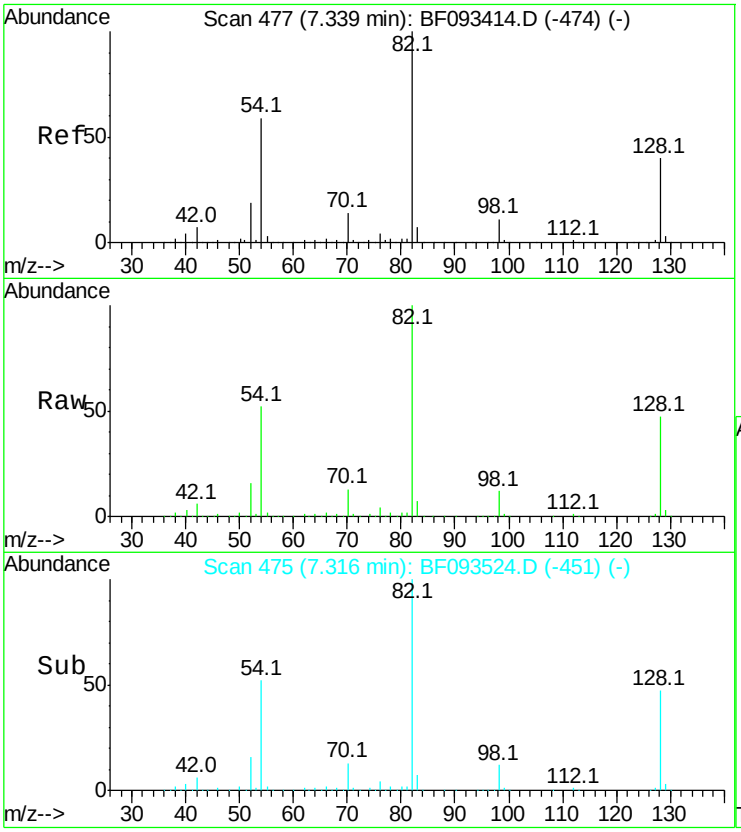


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:136 Resp: 640593

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.9	4.5	6.7#
68	5.9	3.6	5.4#

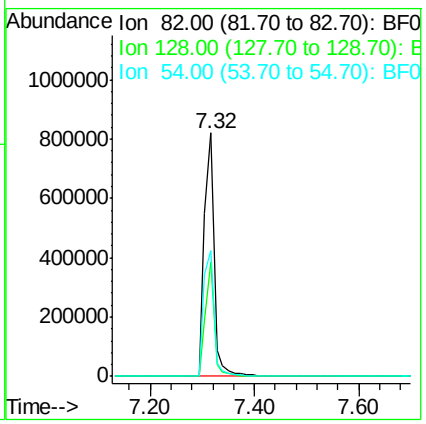




#23
Nitrobenzene-d5
Concen: 92.52 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion: 82 Resp: 1068147

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.6	52.0
54	51.7	39.5	59.3



Instrument :
BNA_F
ClientSampleId :
WC-B54-B56-001

Manual Integrations APPROVED
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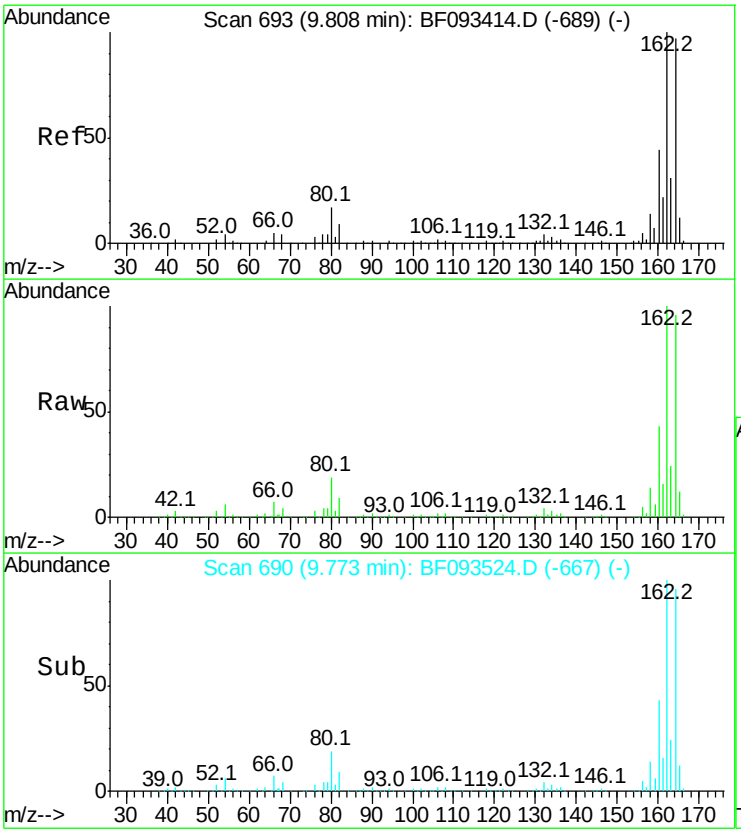
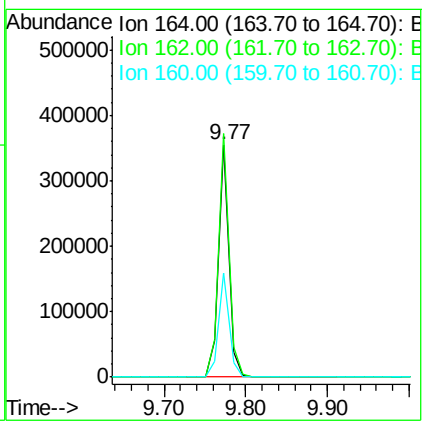
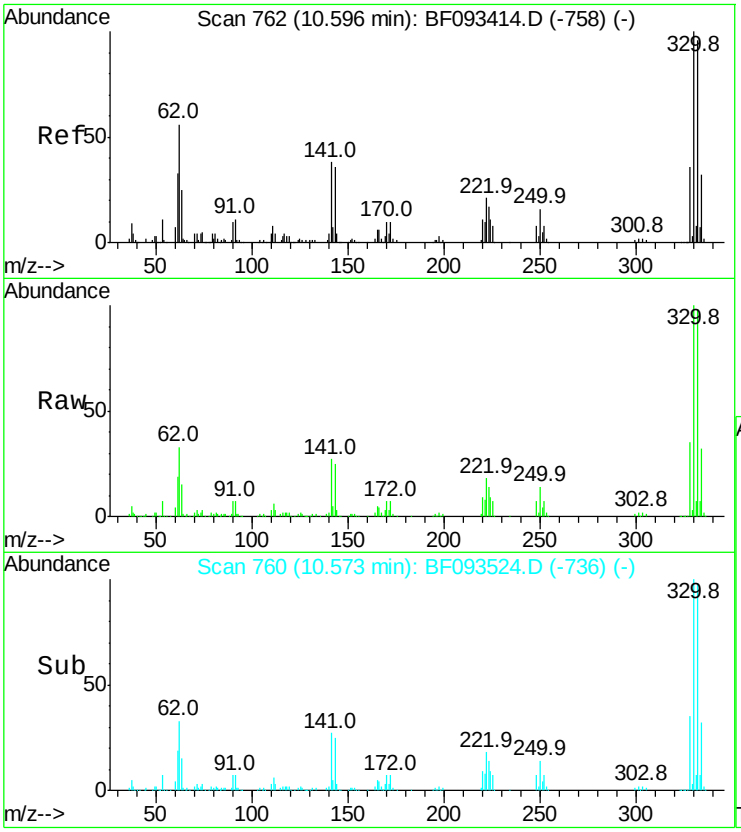


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:164 Resp: 313369

Ion	Ratio	Lower	Upper
164	100		
162	104.7	80.2	120.2
160	44.9	36.9	55.3

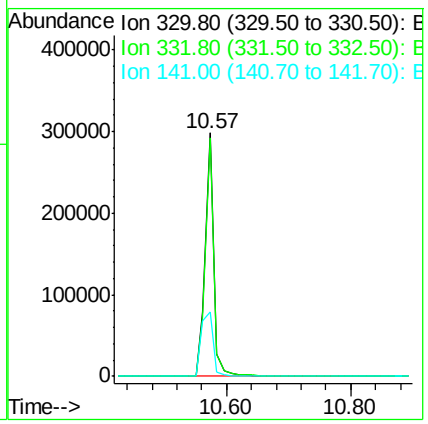




#41
2,4,6-Tribromophenol
Concen: 143.07 ng
RT: 10.57 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:330 Resp: 292095

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.2
141	37.3	34.1	51.1



Instrument :
BNA_F
ClientSampleId :
WC-B54-B56-001

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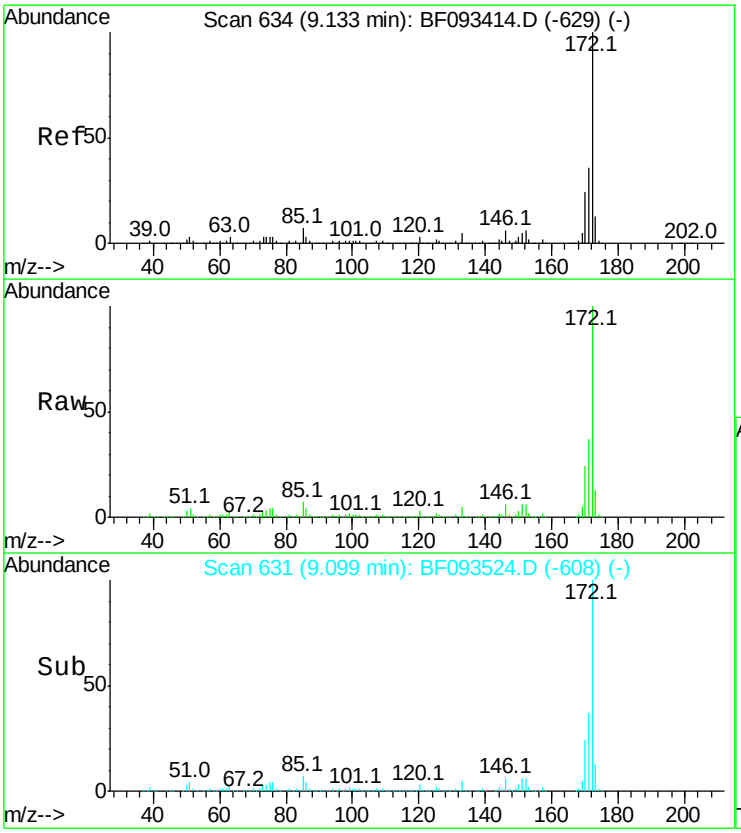
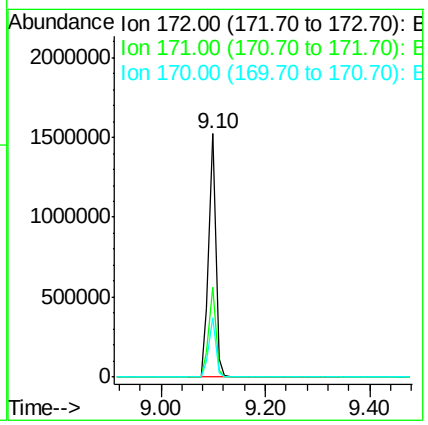
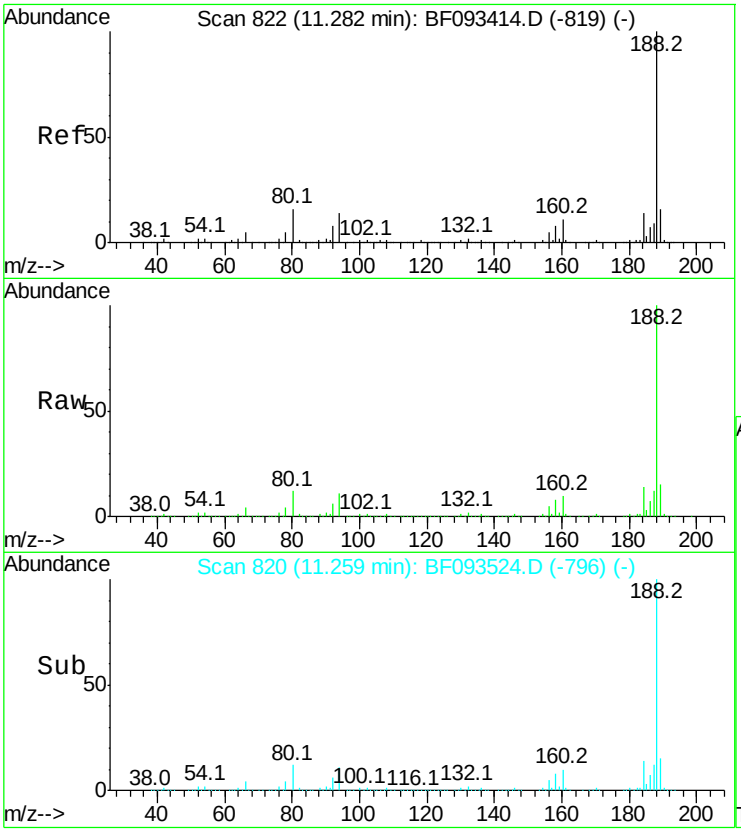


#44
2-Fluorobiphenyl
Concen: 85.88 ng
RT: 9.10 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:172 Resp: 1446803

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.3	20.2	30.4

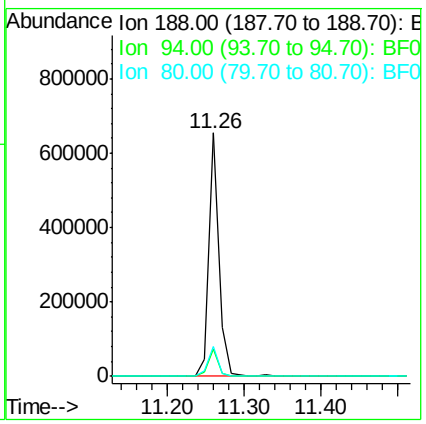




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:188 Resp: 589491

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.0	15.0
80	12.0	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
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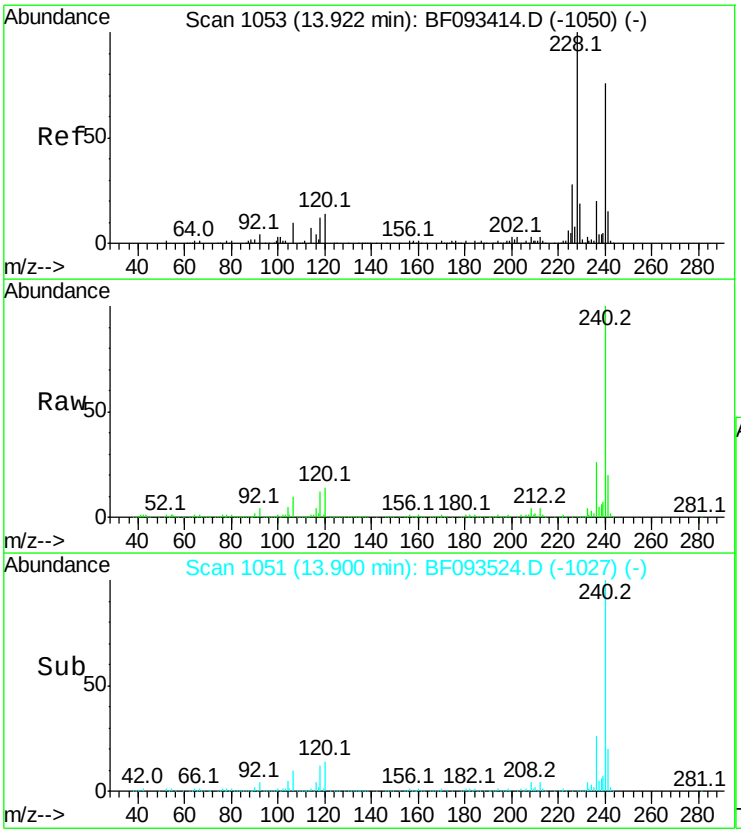
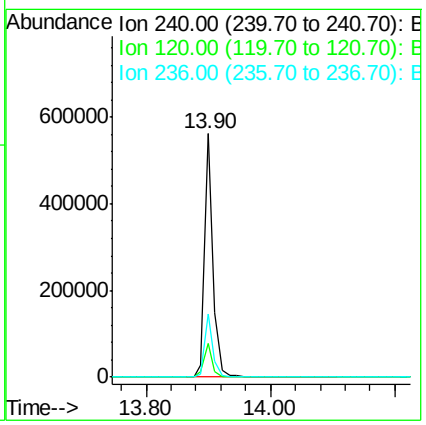
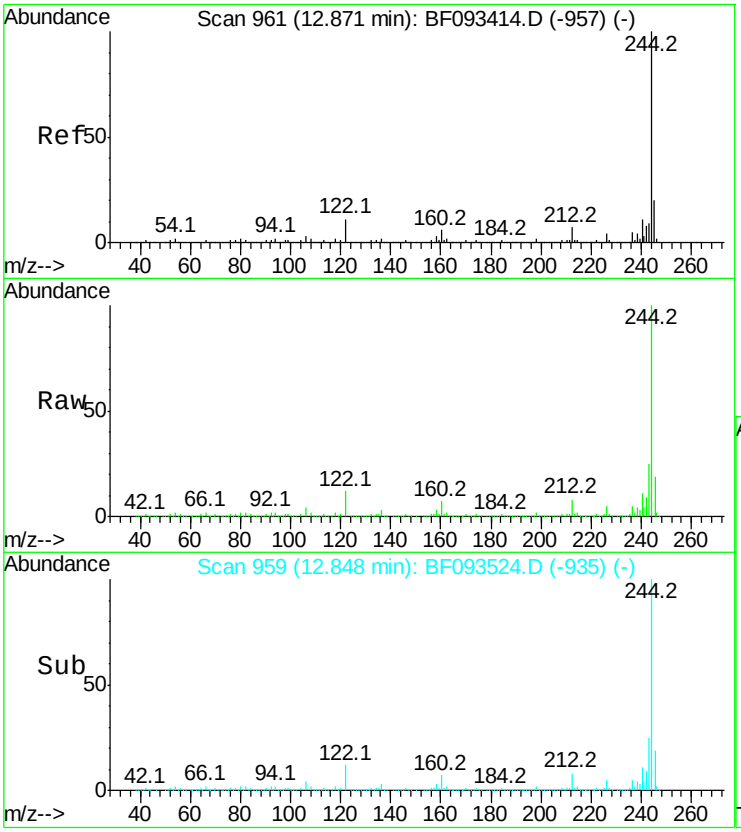


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:240 Resp: 523823

Ion	Ratio	Lower	Upper
240	100		
120	14.1	12.9	19.3
236	25.8	20.9	31.3

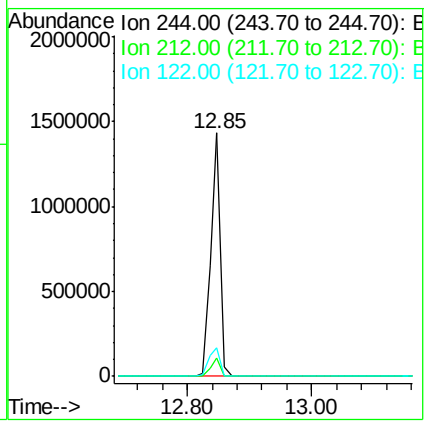




#78
Terphenyl-d14
Concen: 74.26 ng
RT: 12.85 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:244 Resp: 1496163

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.5	11.4	17.2



Instrument :
BNA_F
ClientSampleId :
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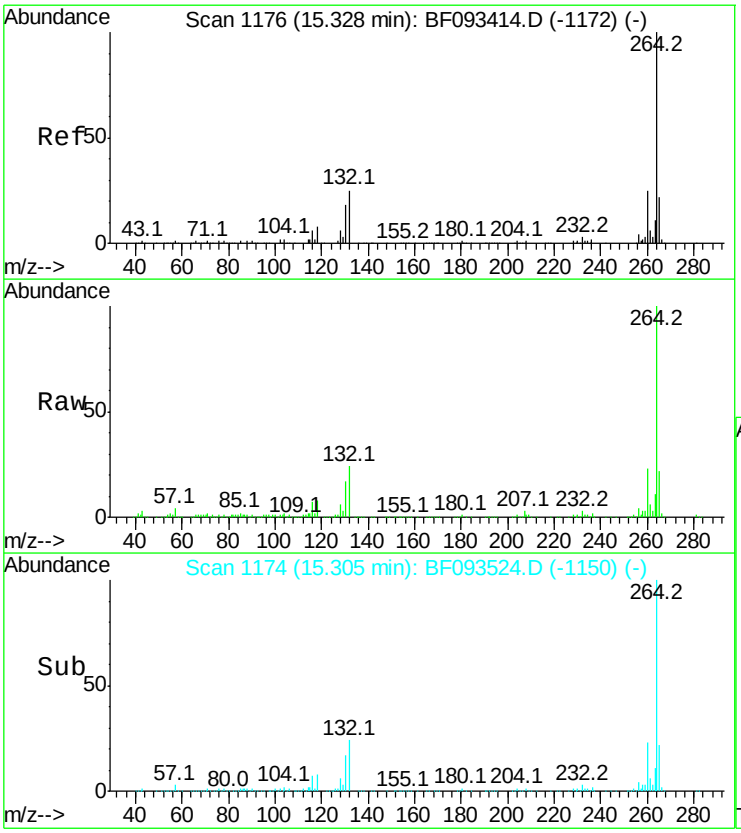

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093524.D
Acq: 10 Mar 2017 16:14

Tgt Ion:264 Resp: 382602

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.4	26.0