Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082479.D
Acq On : 23 Oct 2015 21:50
Operator : UM/IZ
Sample : PB86215BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86215BL

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:19 PM

Quant Time: Oct 24 05:34:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	99737m	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	400856	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	210328	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	428860	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	402414	20.00	ng	0.01
86) Perylene-d12	15.50	264	324754	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	556494	112.61	ng	0.01
7) Phenol-d6	6.40	99	650695	101.18	ng	-0.01
23) Nitrobenzene-d5	7.33	82	447685	75.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	182372	92.46	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	866357	68.31	ng	-0.01
78) Terphenyl-d14	12.88	244	984260	64.81	ng	0.00

Target Compounds	Qvalue

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

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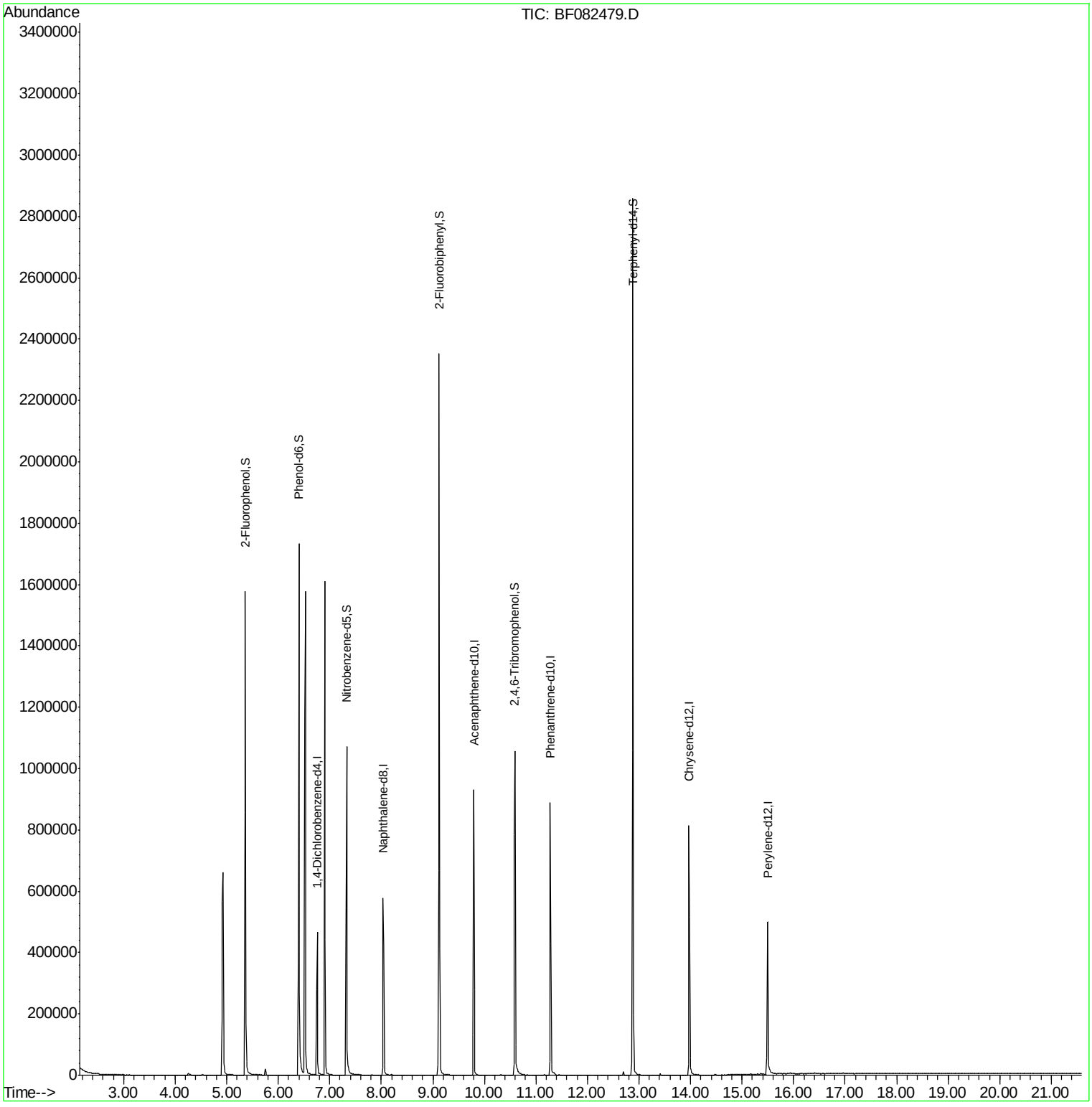
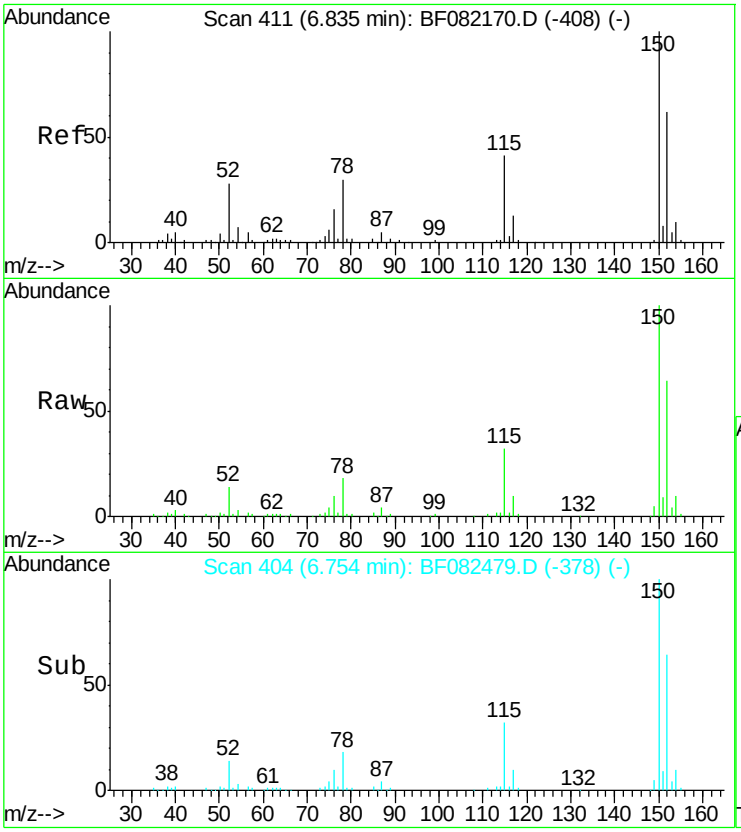
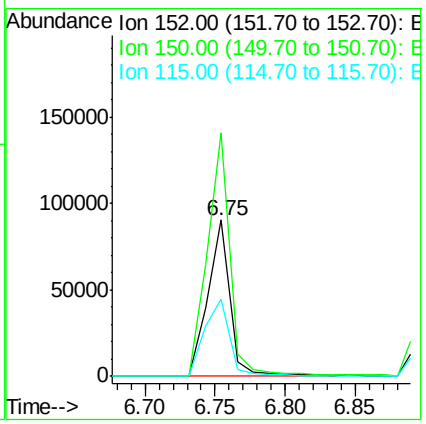




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.75 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:152 Resp: 99737

Ion	Ratio	Lower	Upper
152	100		
150	155.8	129.0	193.4
115	49.7	52.1	78.1#



Instrument :
BNA_F
ClientSampleId :
PB86215BL

Manual Integrations APPROVED
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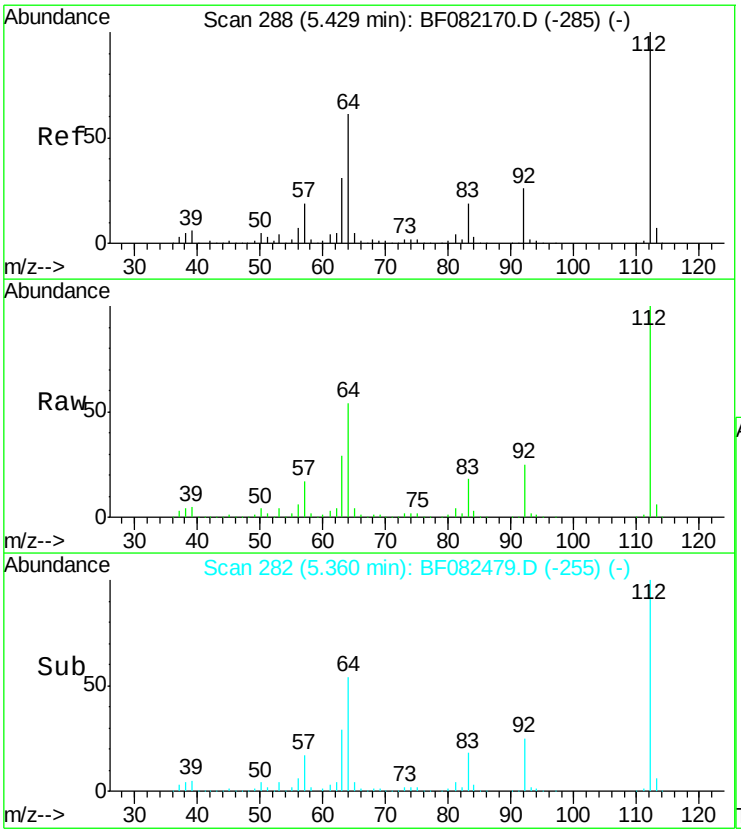
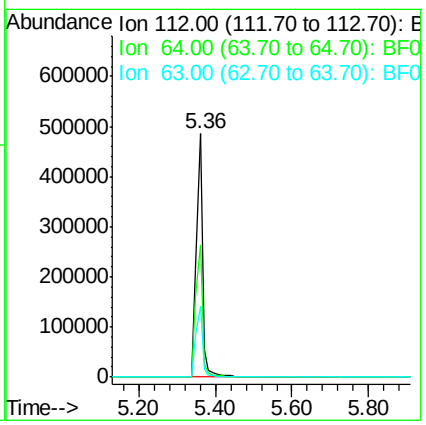
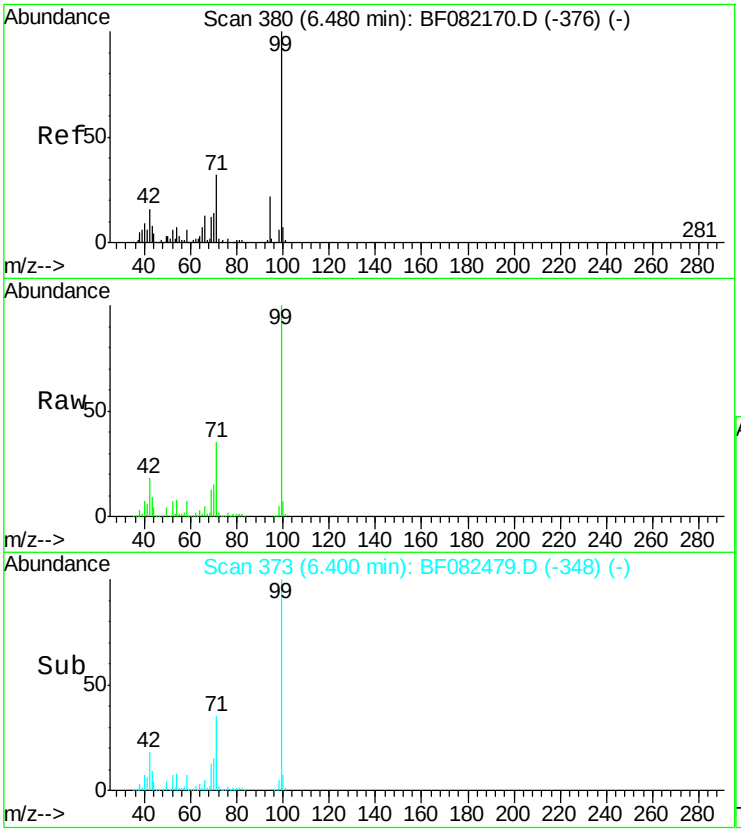


#5
2-Fluorophenol
Concen: 112.61 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:112 Resp: 556494

Ion	Ratio	Lower	Upper
112	100		
64	54.5	48.6	73.0
63	28.8	25.1	37.7

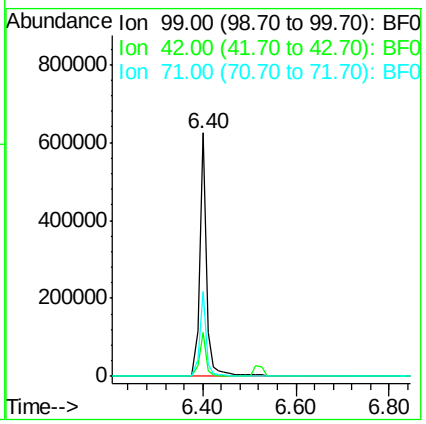




#7
Phenol-d6
Concen: 101.18 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion: 99 Resp: 650695

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.2	19.8
71	35.1	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
PB86215BL

Manual Integrations APPROVED
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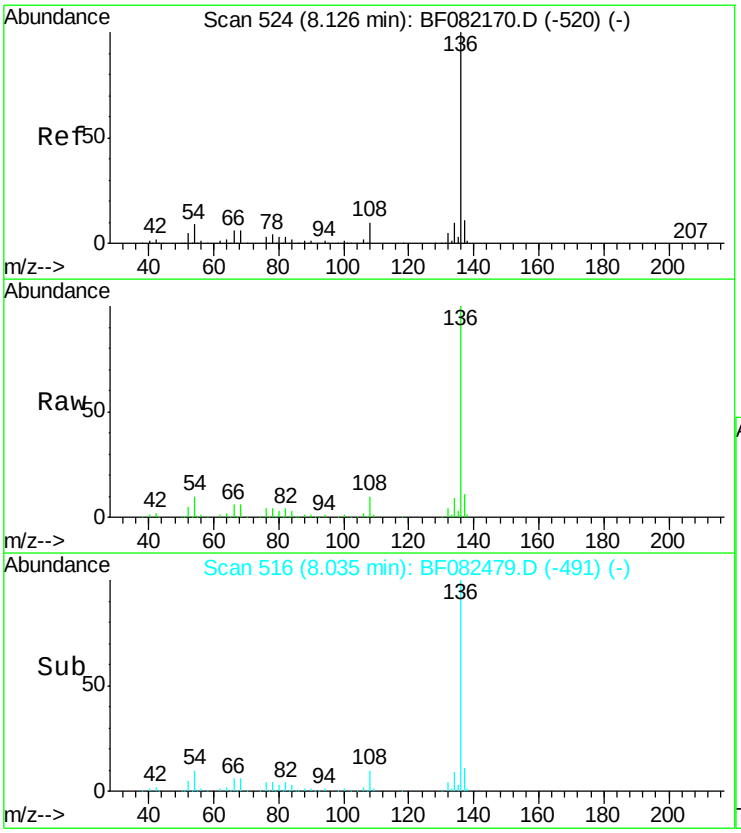
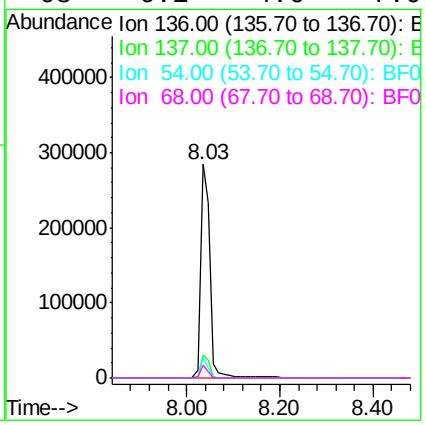
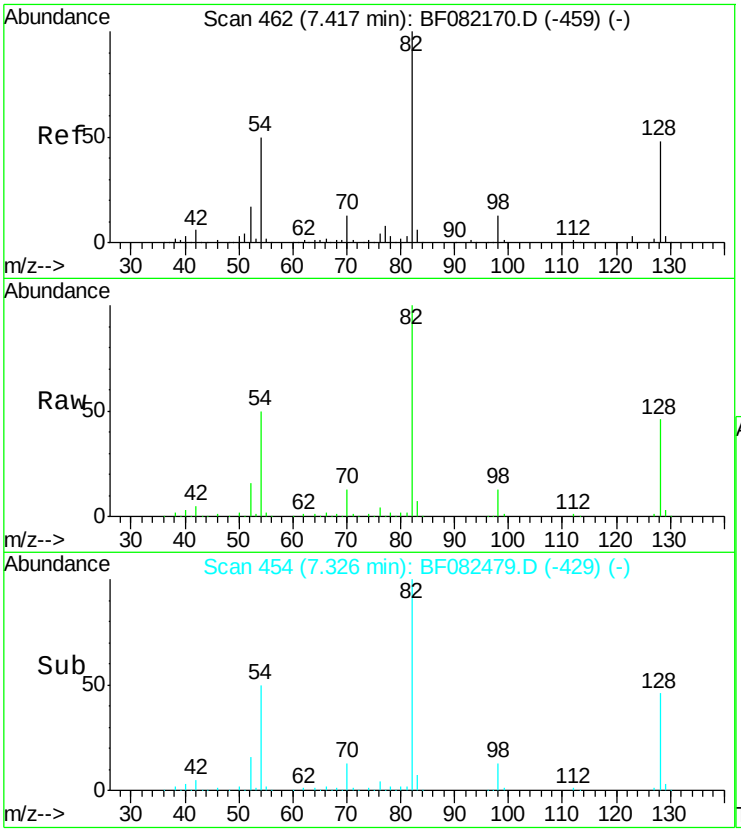


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:136 Resp: 400856

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.7	7.5	11.3
68	6.1	4.6	7.0

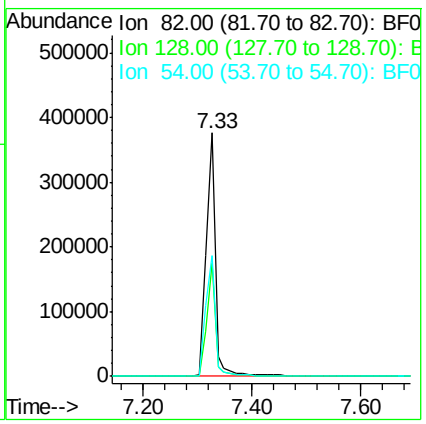




#23
Nitrobenzene-d5
Concen: 75.00 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion: 82 Resp: 447685

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.7	58.1
54	49.7	40.1	60.1



Instrument :
BNA_F
ClientSampleId :
PB86215BL

Manual Integrations APPROVED
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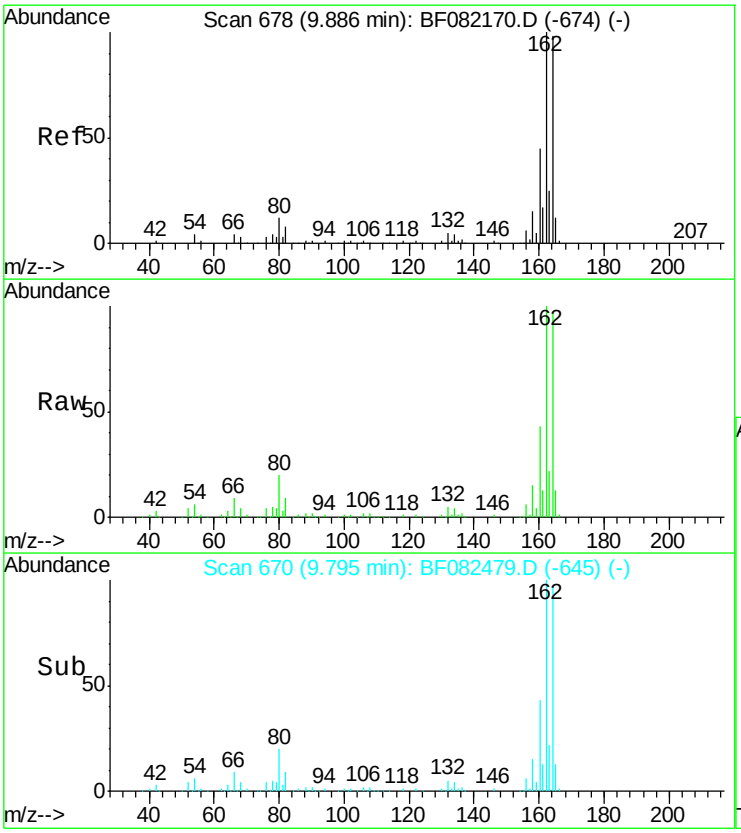
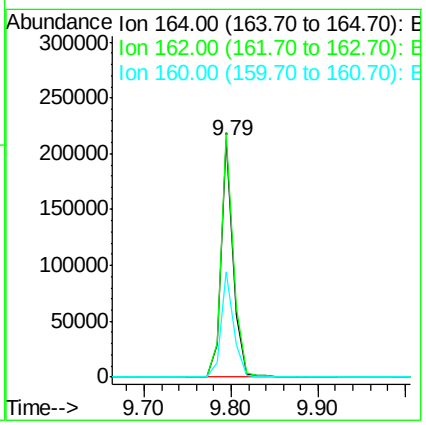
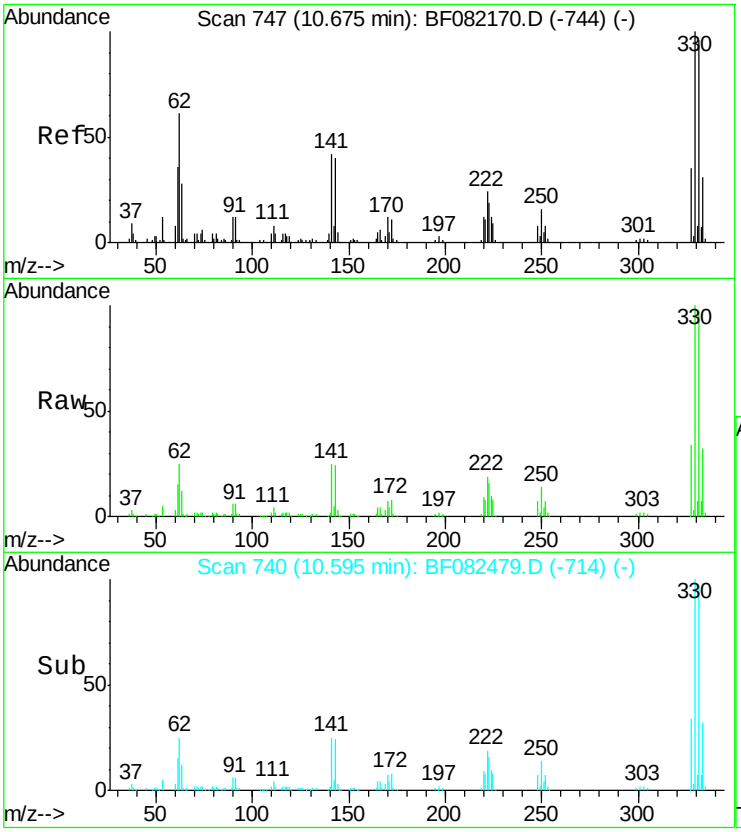


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:164 Resp: 210328

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	44.5	36.4	54.6

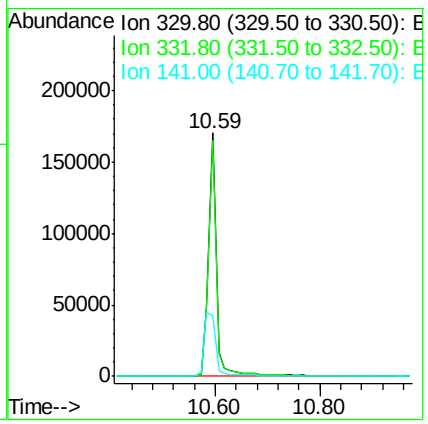




#41
2,4,6-Tribromophenol
Concen: 92.46 ng
RT: 10.59 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:330 Resp: 182372

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	39.0	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
PB86215BL

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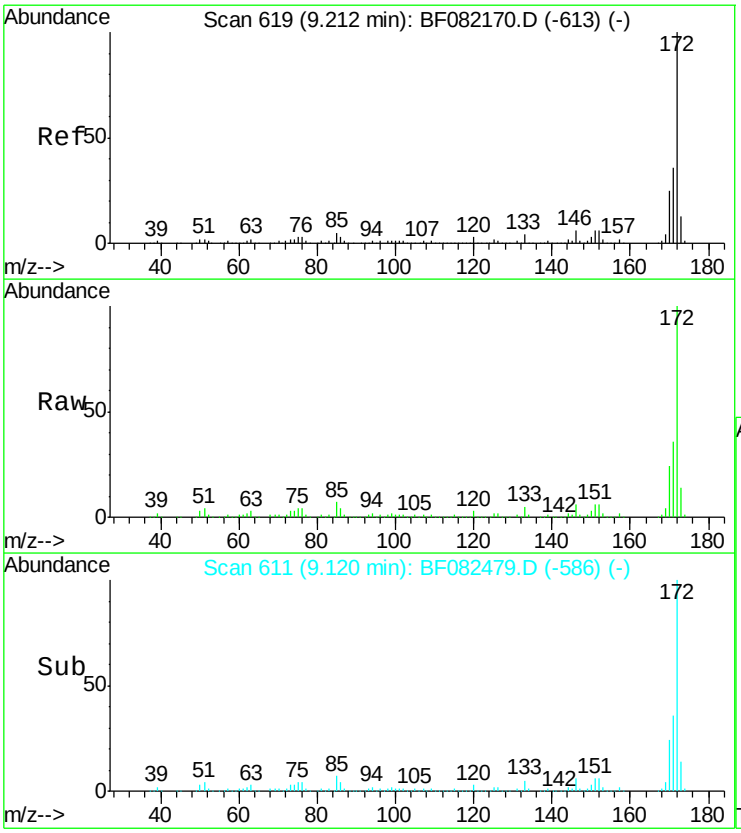
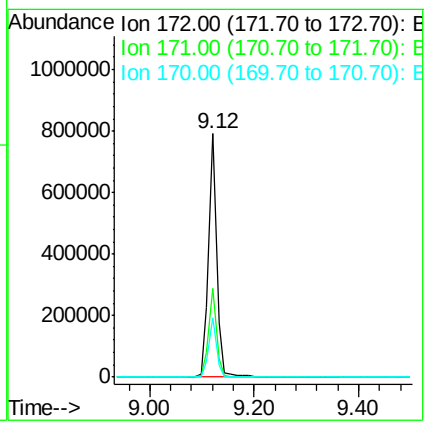
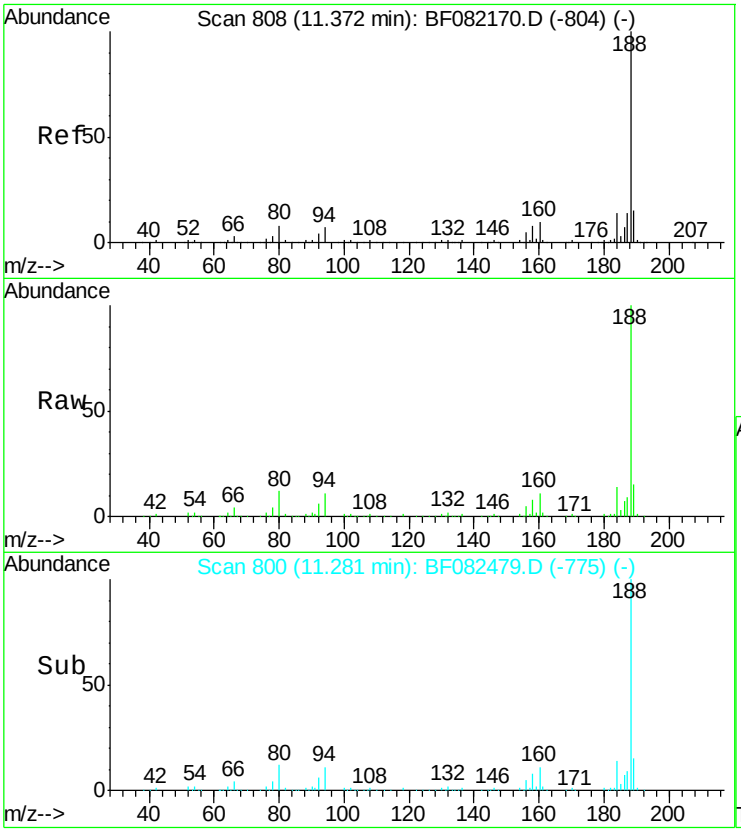


#44
2-Fluorobiphenyl
Concen: 68.31 ng
RT: 9.12 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:172 Resp: 866357

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	24.3	19.7	29.5

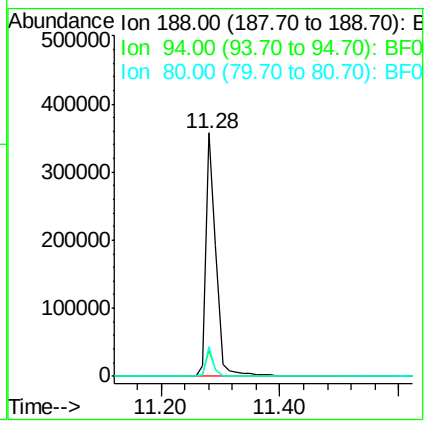




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:188 Resp: 428860

Ion	Ratio	Lower	Upper
188	100		
94	10.5	5.8	8.6#
80	12.0	6.4	9.6#



Instrument :
BNA_F
ClientSampleId :
PB86215BL

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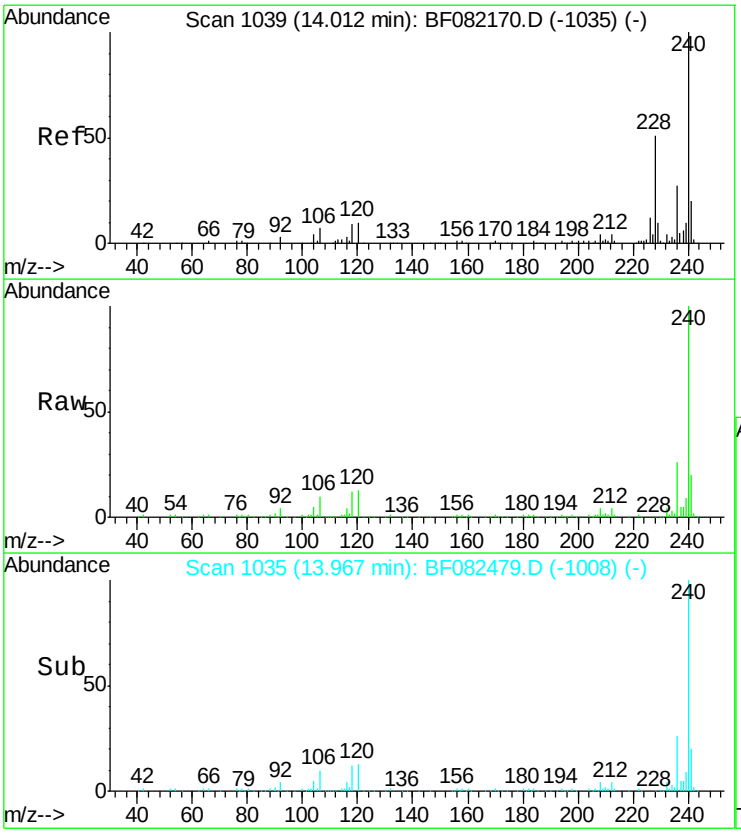
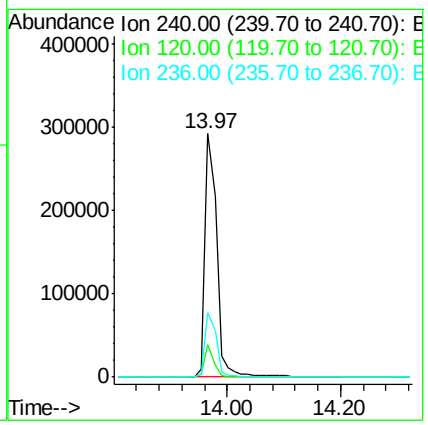
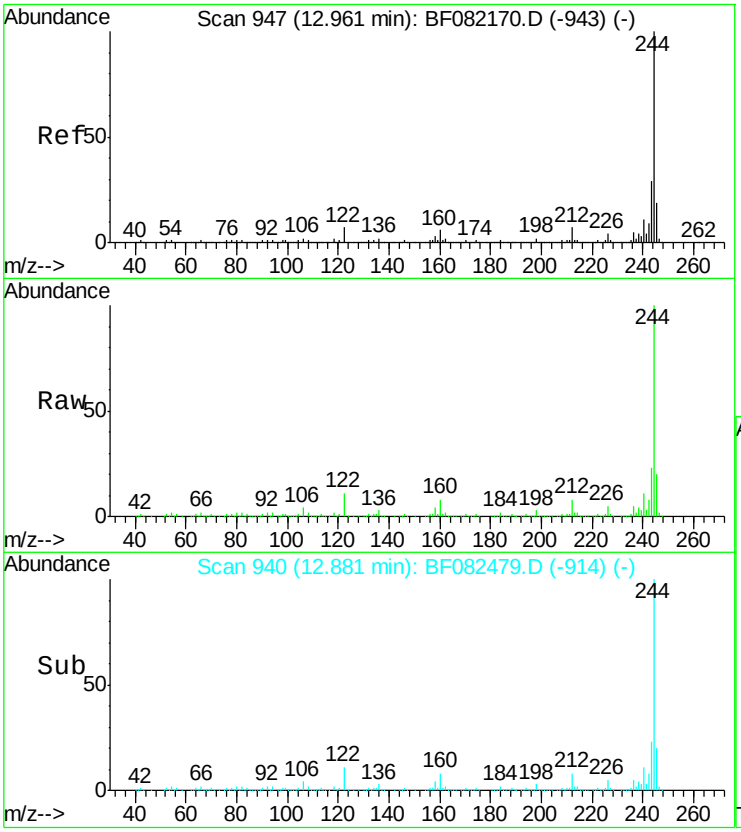


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:240 Resp: 402414

Ion	Ratio	Lower	Upper
240	100		
120	13.5	8.1	12.1#
236	26.2	21.3	31.9

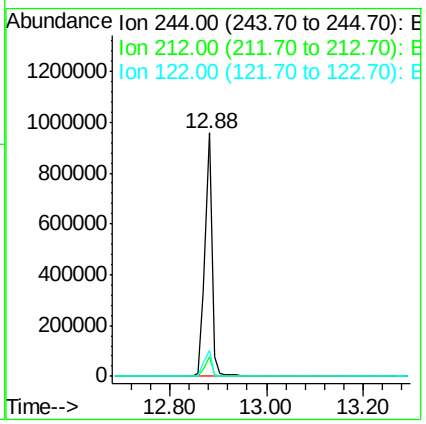




#78
Terphenyl-d14
Concen: 64.81 ng
RT: 12.88 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:244 Resp: 984260

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.6
122	10.8	5.9	8.9#



Instrument :
BNA_F
ClientSampleId :
PB86215BL

Manual Integrations APPROVED
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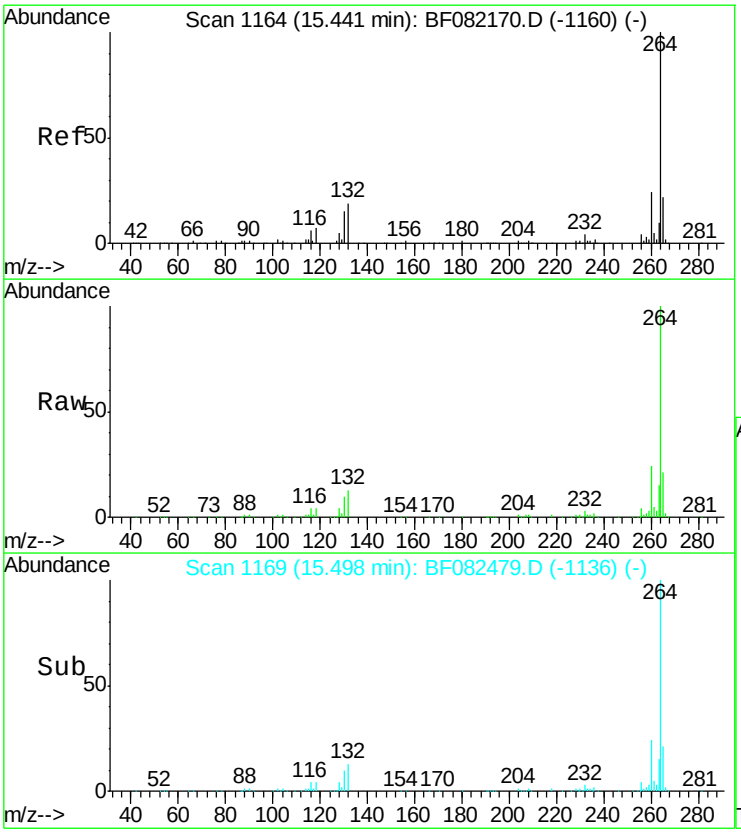

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. 0.08 min
Lab File: BF082479.D
Acq: 23 Oct 2015 21:50

Tgt Ion:264 Resp: 324754

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.4	17.3	25.9