Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085070.D
Acq On : 13 Feb 2016 6:44
Operator : SJ/IZ
Sample : H1409-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B004(10-12)

Quant Time: Feb 15 00:56:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 13 00:11:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	120765	20.00	ng	0.01
21) Naphthalene-d8	7.79	136	572520	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	287305	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	540493	20.00	ng	0.00
75) Chrysene-d12	17.18	240	391044	20.00	ng	0.00
86) Perylene-d12	18.80	264	283983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.15	112	661856	95.83	ng	-0.01
7) Phenol-d6	5.44	99	999343	108.57	ng	0.00
23) Nitrobenzene-d5	6.72	82	669549	69.06	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	305592	102.98	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1385150	68.92	ng	0.00
78) Terphenyl-d14	15.62	244	1241836	65.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.72	88	76392	26.85	ng	# 15
11) bis(2-Chloroethyl)ether	5.55	93	471	Below Cal		# 1
15) Benzyl Alcohol	6.08	79	11911	2.12	ng	# 48
49) Dimethylphthalate	10.23	163	171346	7.95	ng	# 99

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

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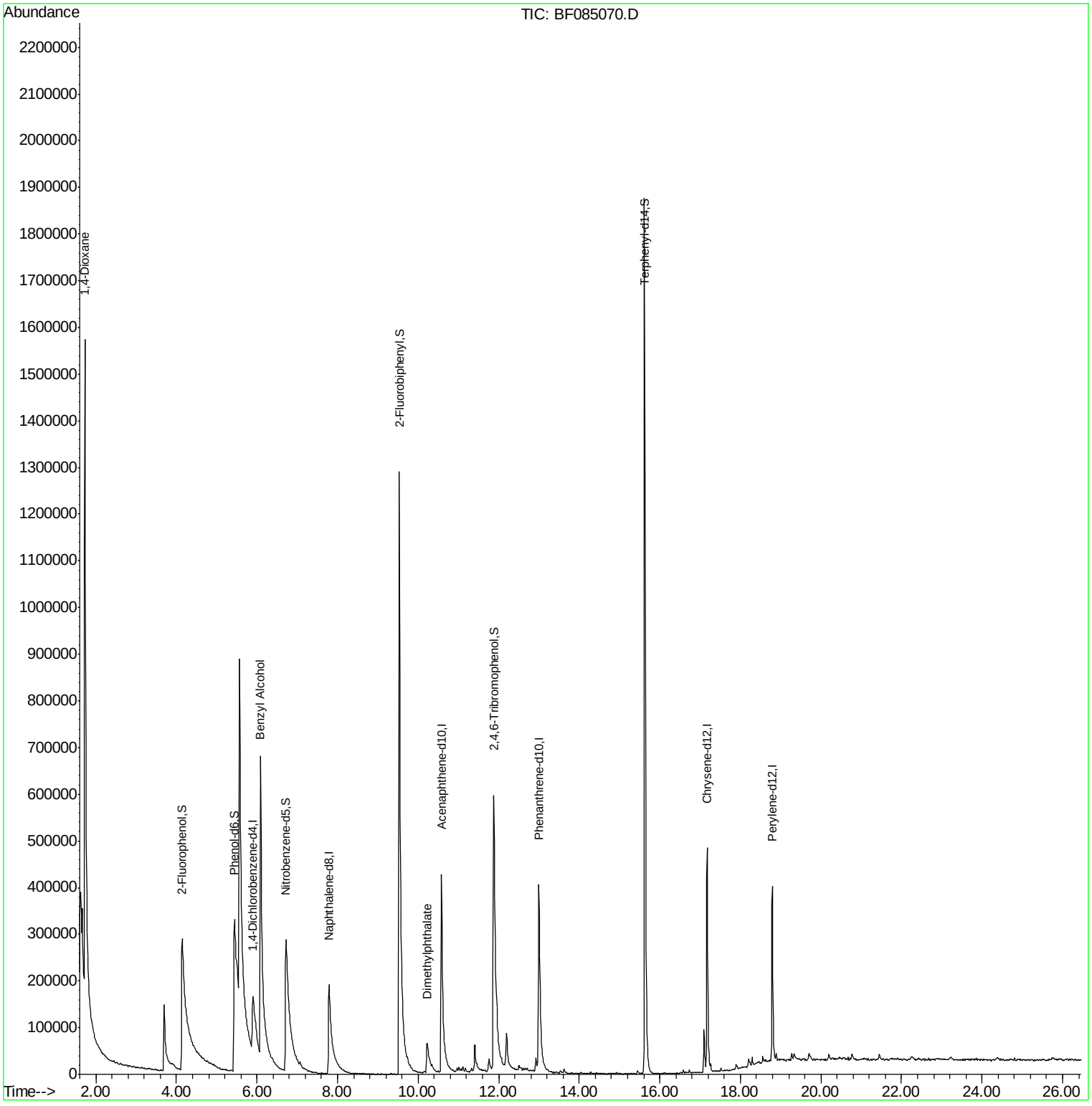
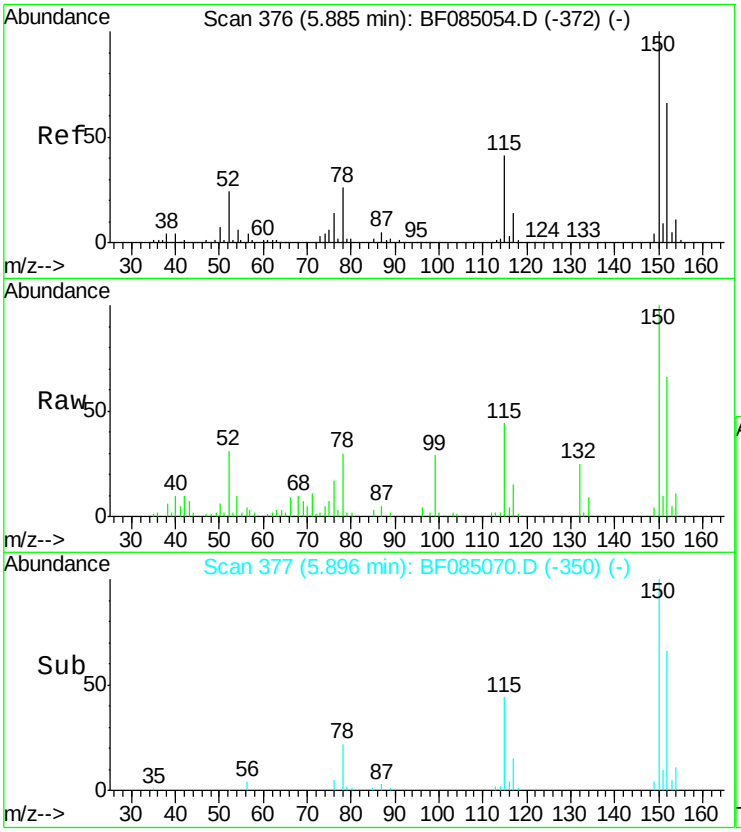


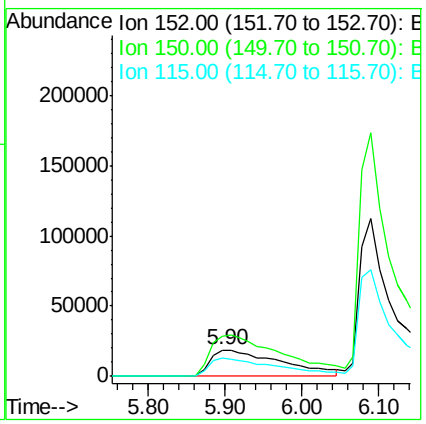


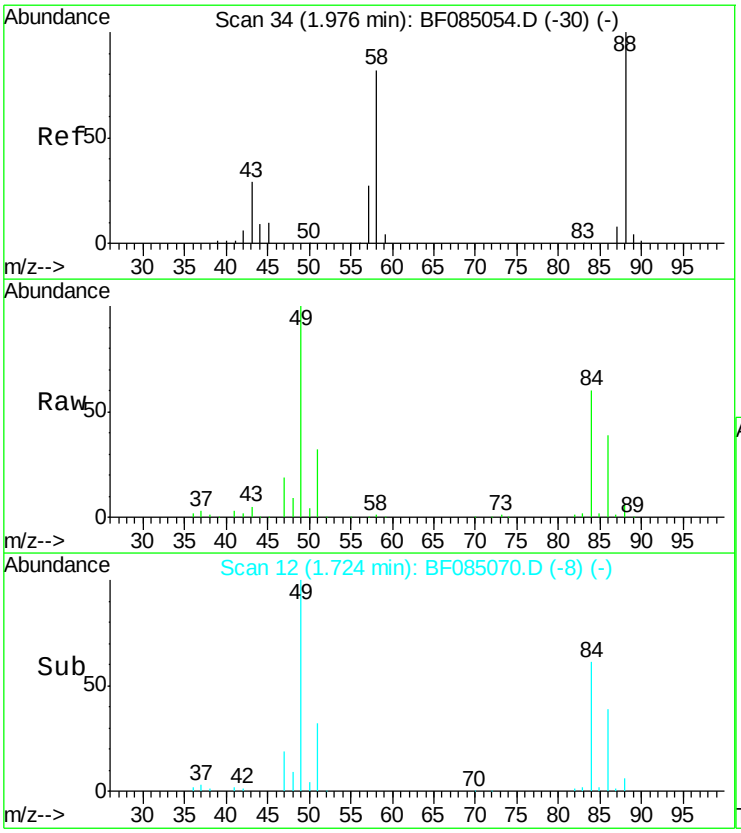
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion:152 Resp: 120765

Ion	Ratio	Lower	Upper
152	100		
150	151.4	127.4	191.2
115	67.2	50.5	75.7

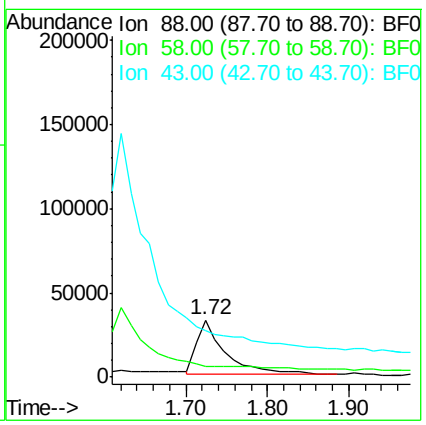


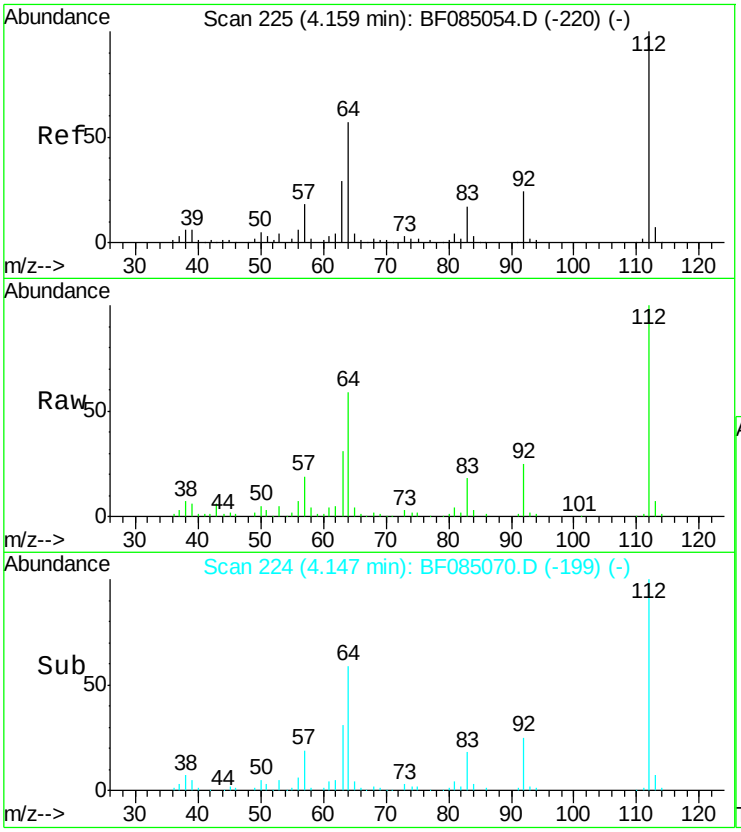


#2
1,4-Dioxane
Concen: 26.85 ng
RT: 1.72 min Scan# 12
Delta R.T. -0.25 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion: 88 Resp: 76392

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.9	106.3#
43	0.0	25.9	38.9#



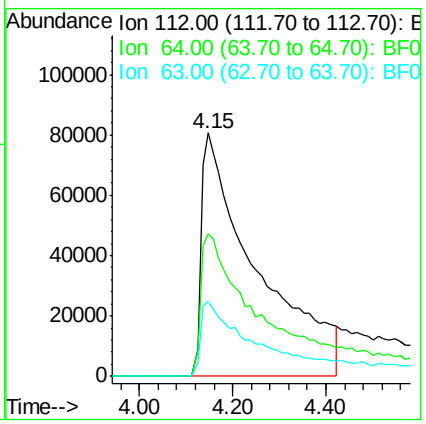


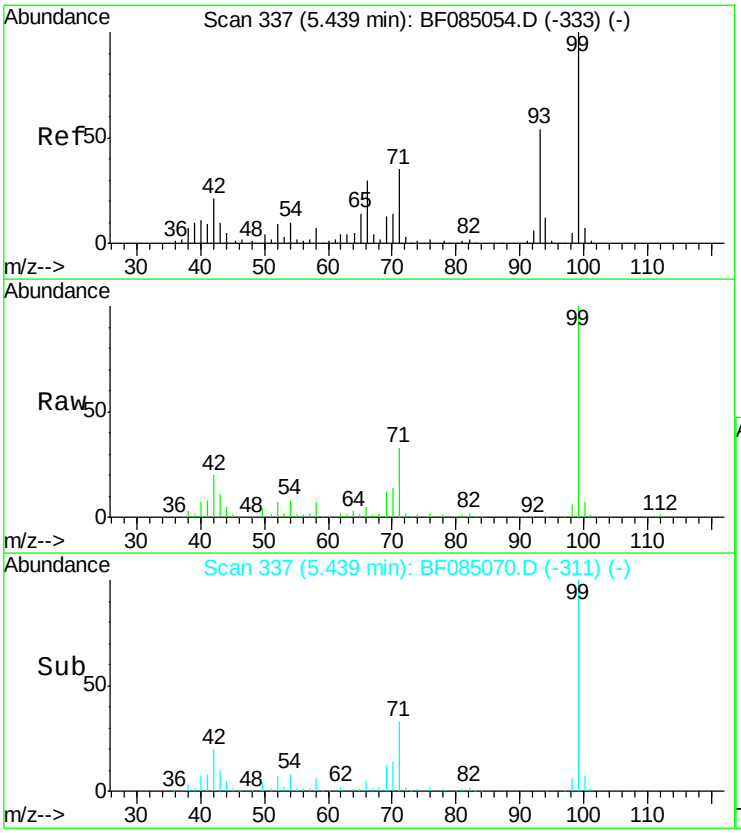
#5
2-Fluorophenol
Concen: 95.83 ng
RT: 4.15 min Scan# 224
Delta R.T. -0.01 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion:112 Resp: 661856

Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.4	68.2
63	30.6	23.2	34.8

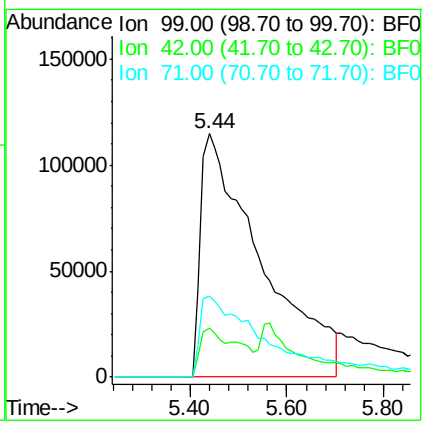


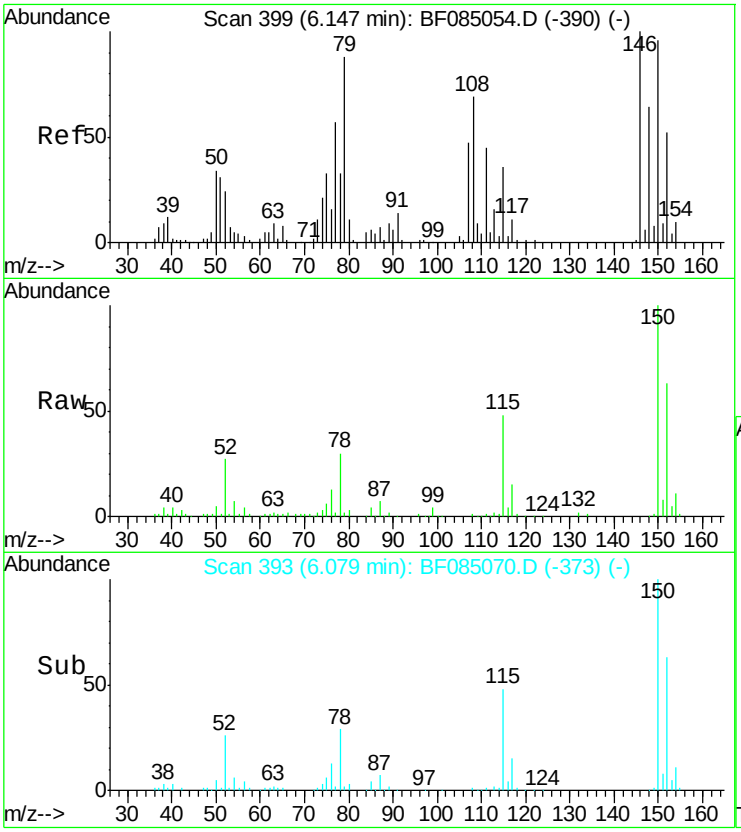


#7
Phenol-d6
Concen: 108.57 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion: 99 Resp: 999343

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.4
71	33.4	28.3	42.5



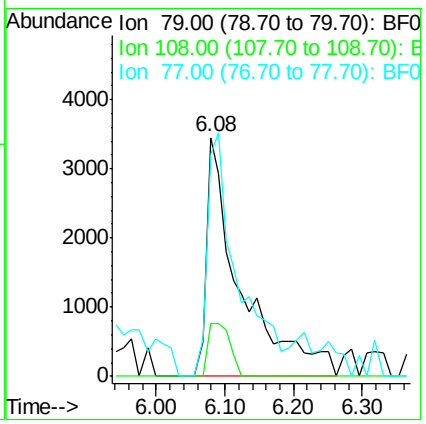


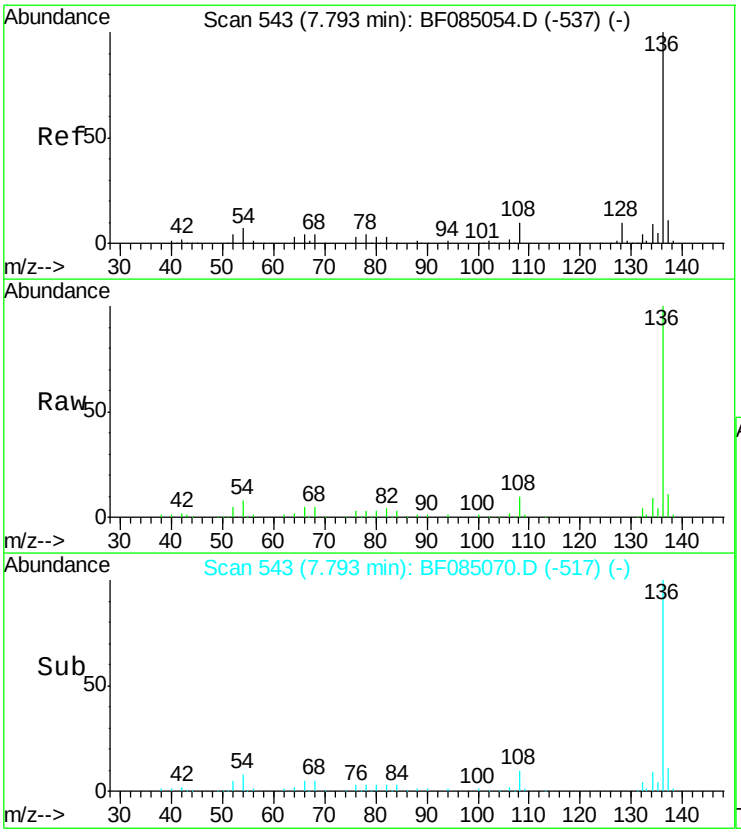
#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.08 min Scan# 393
Delta R.T. -0.07 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion: 79 Resp: 11911

Ion	Ratio	Lower	Upper
79	100		
108	22.4	63.4	95.0#
77	93.3	51.8	77.6#

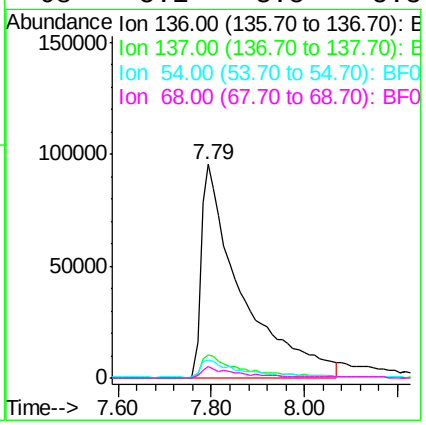


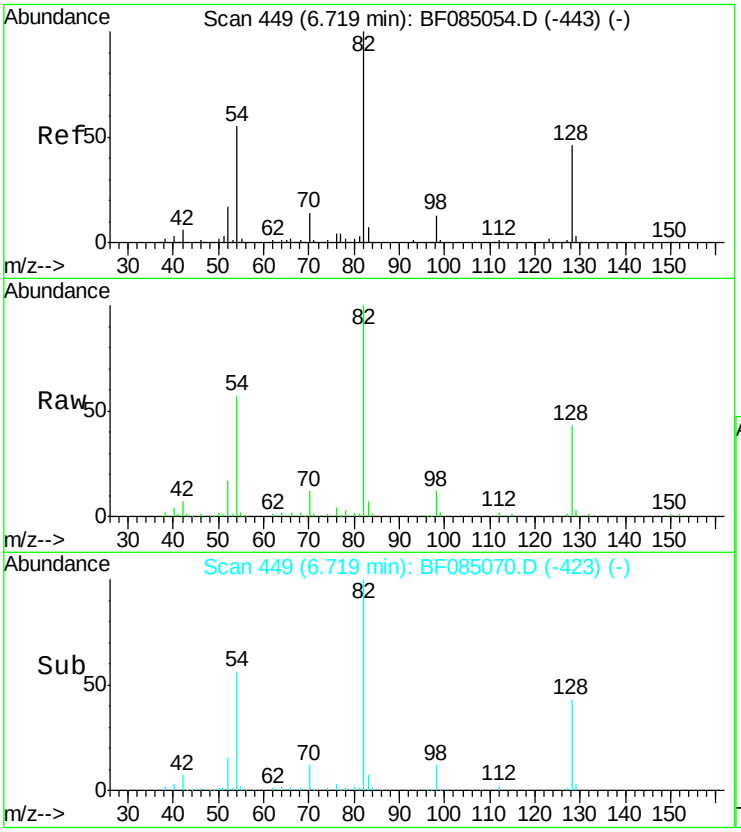


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion:136 Resp: 572520

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.2	6.1	9.1
68	5.1	3.5	5.3



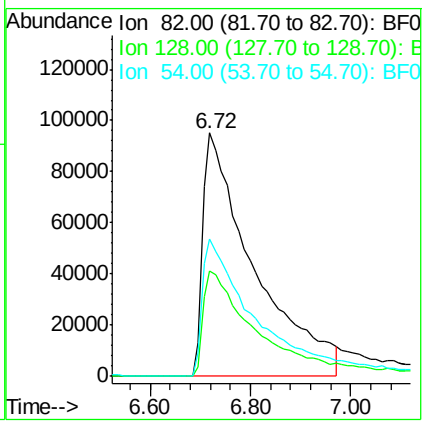


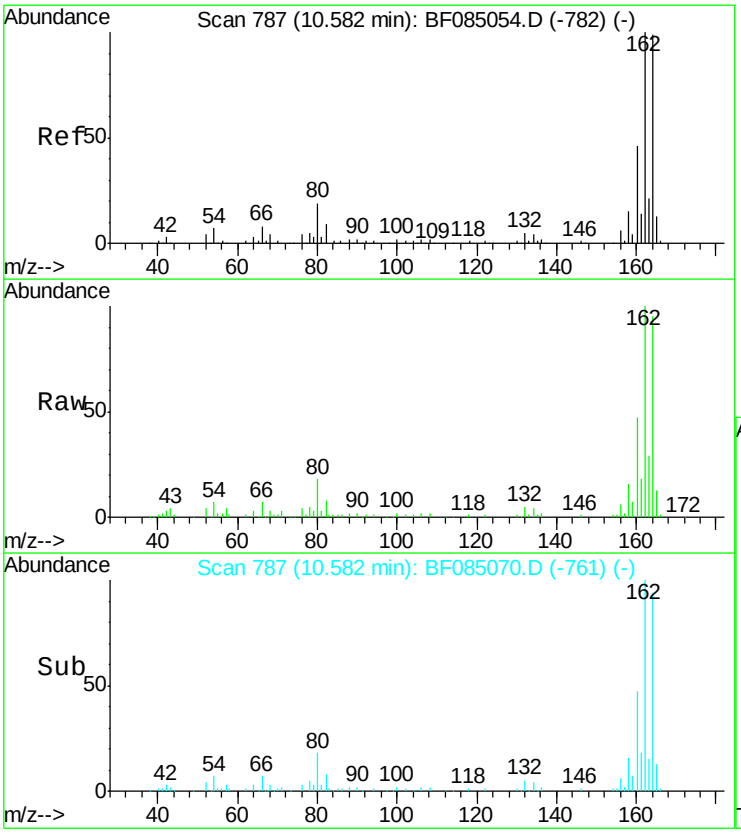
#23
Nitrobenzene-d5
Concen: 69.06 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion: 82 Resp: 669549

Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.8	55.2
54	56.6	44.4	66.6

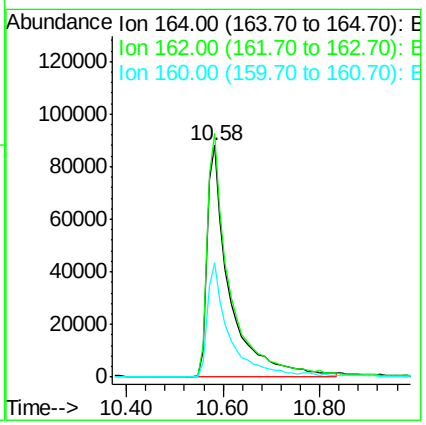


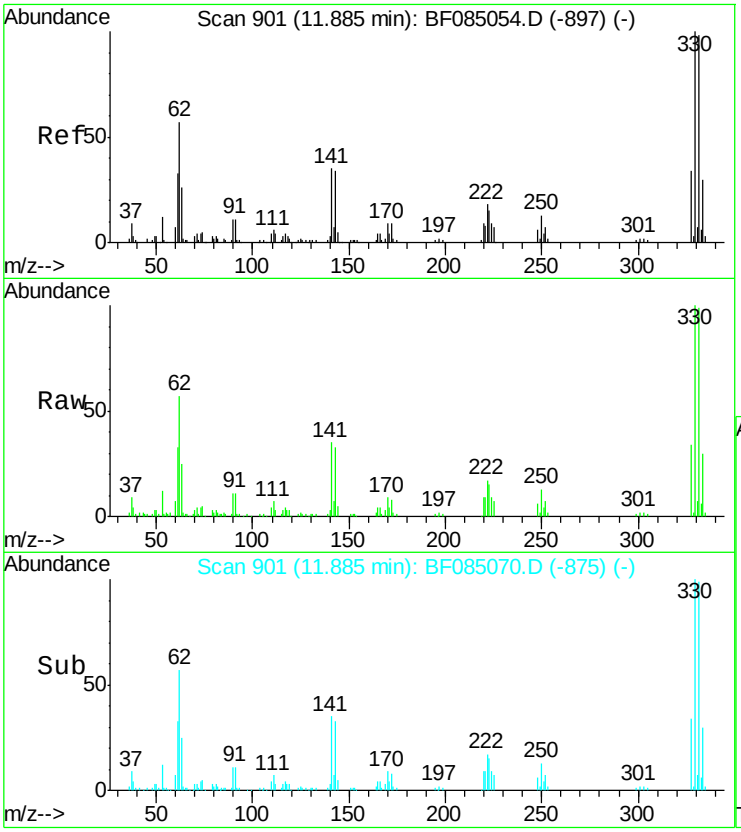


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion:164 Resp: 287305

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.1	121.7
160	49.6	37.4	56.0



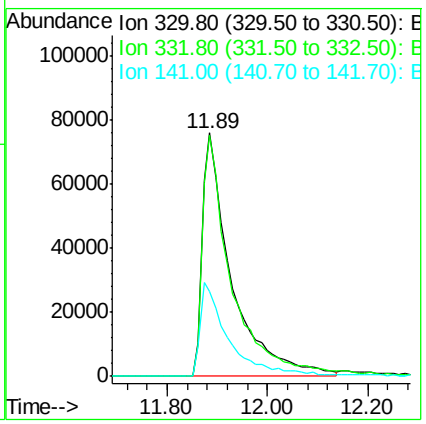


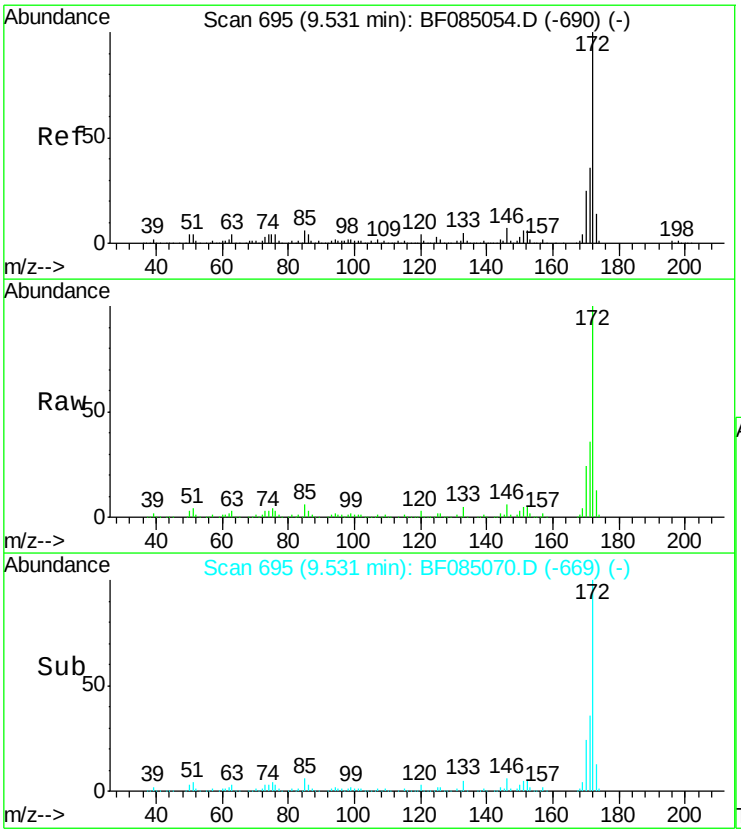
#41
2,4,6-Tribromophenol
Concen: 102.98 ng
RT: 11.89 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion:330 Resp: 305592

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.5	117.7
141	37.5	28.6	42.8

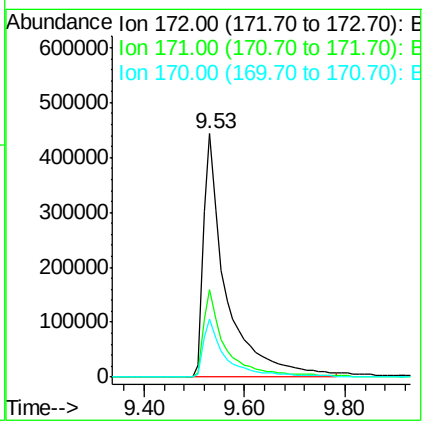


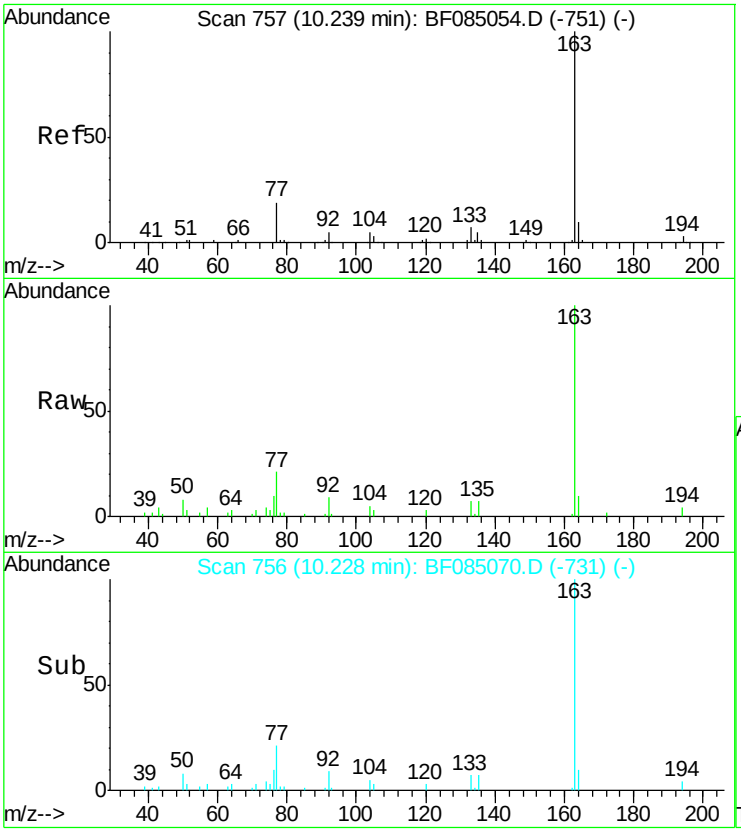


#44
2-Fluorobiphenyl
Concen: 68.92 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion:172 Resp: 1385150

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.1	43.7
170	23.6	19.6	29.4



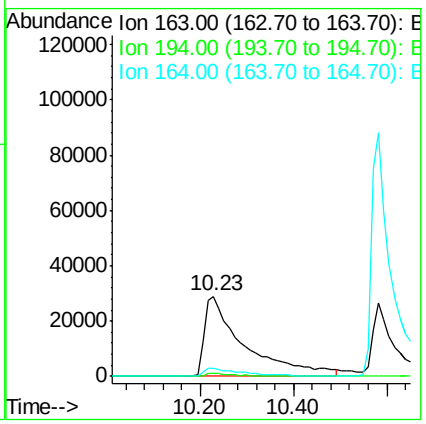


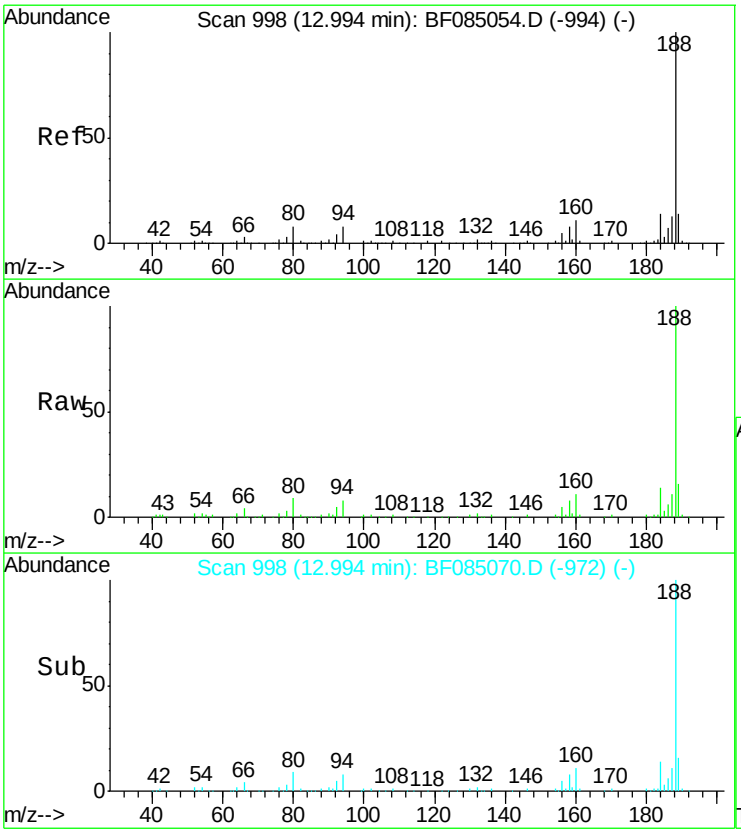
#49
Dimethylphthalate
Concen: 7.95 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion:163 Resp: 171346

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.5	3.7#
164	10.2	7.8	11.8

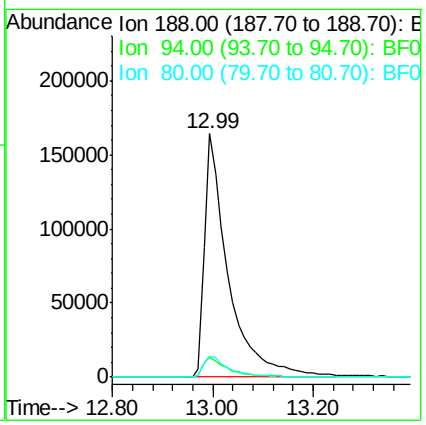


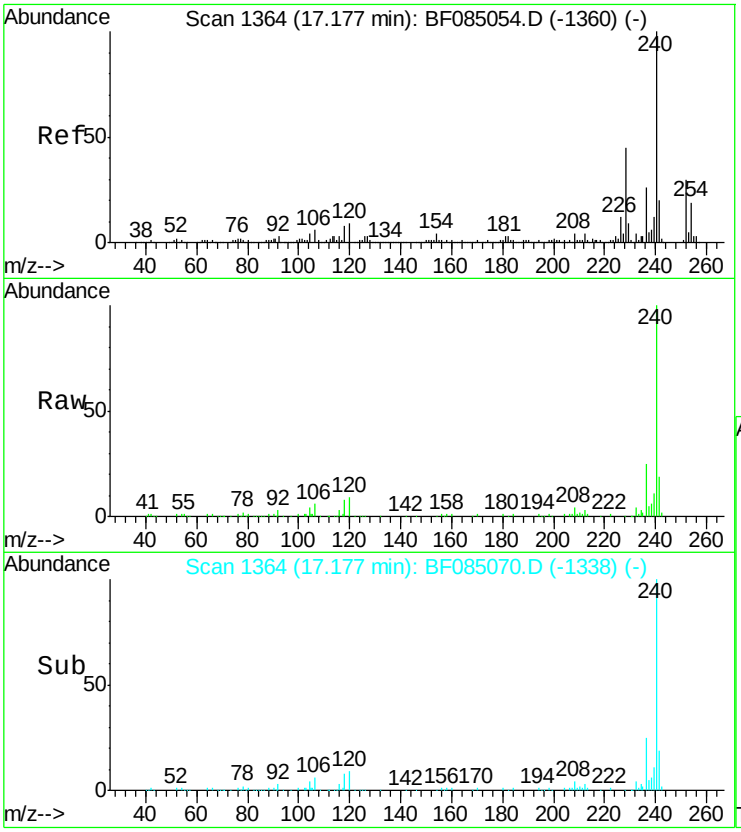


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion:188 Resp: 540493

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.2
80	8.6	6.6	9.8



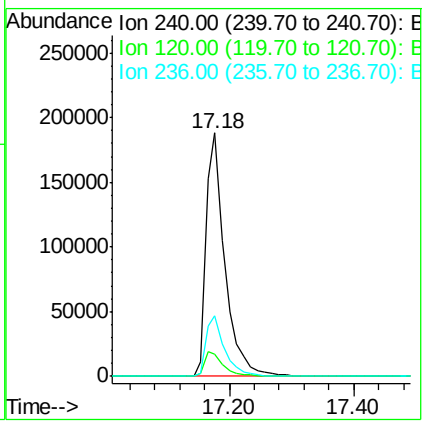


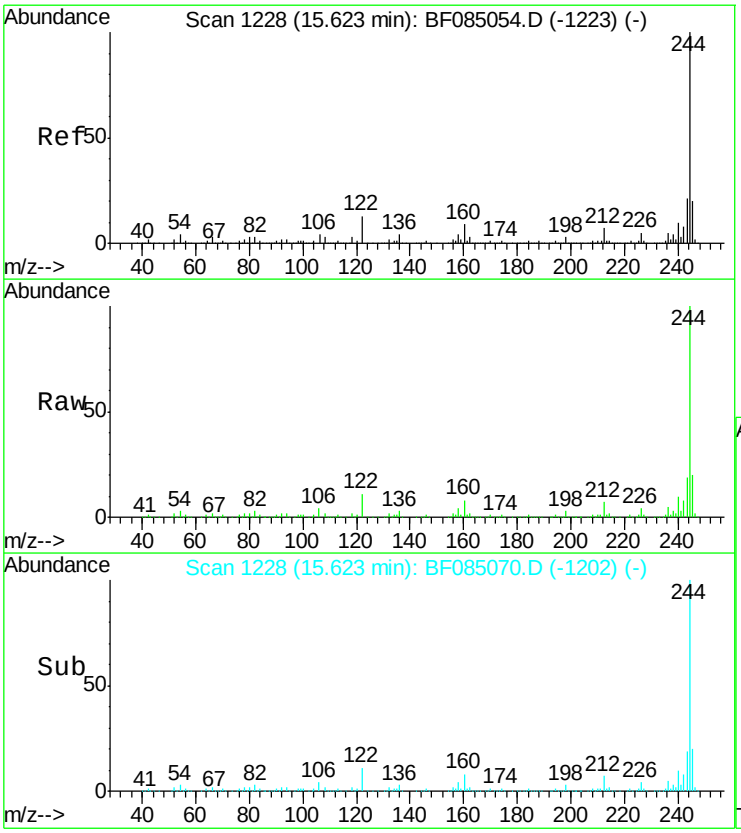
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.18 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion:240 Resp: 391044

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.0	10.6
236	25.0	20.5	30.7

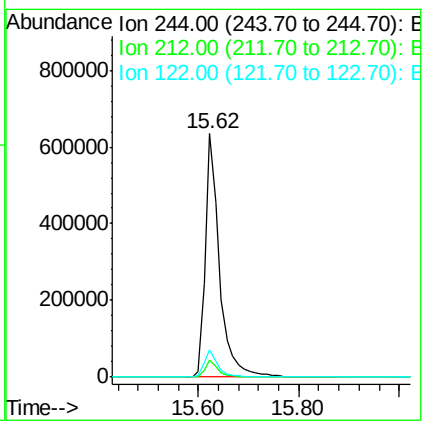


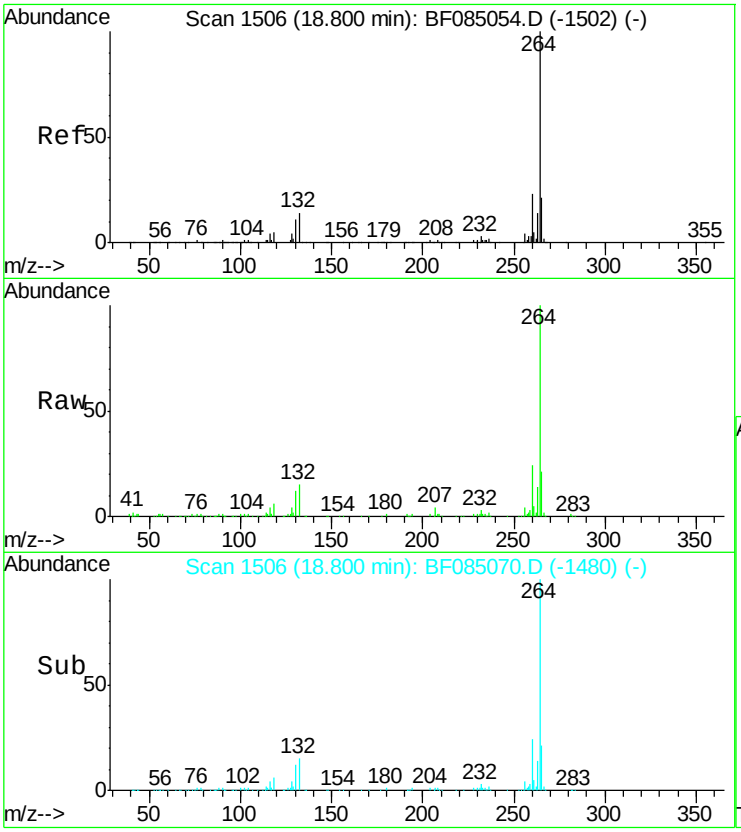


#78
Terphenyl-d14
Concen: 65.36 ng
RT: 15.62 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Tgt Ion:244 Resp: 1241836

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.4	10.1	15.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.80 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF085070.D
Acq: 13 Feb 2016 6:44

Instrument :
BNA_F
ClientSampleId :
SUP-B004(10-12)

Tgt Ion:264 Resp: 283983

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	20.6	16.7	25.1