Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
Data File : BF095510.D
Acq On : 27 May 2017 22:20
Operator : SJ/MA
Sample : I3306-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSK-MW-6

Quant Time: May 29 02:45:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	92799	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	376677	20.00	ng	0.01
38) Acenaphthene-d10	12.60	164	179448	20.00	ng	0.00
63) Phenanthrene-d10	15.01	188	326489	20.00	ng	0.00
75) Chrysene-d12	18.68	240	258555	20.00	ng	0.00
86) Perylene-d12	20.36	264	163803	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	361076	64.87	ng	0.01
7) Phenol-d6	7.31	99	266968	39.97	ng	0.02
23) Nitrobenzene-d5	8.64	82	568490	95.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.89	330	213104	145.01	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1134786	91.02	ng	0.00
78) Terphenyl-d14	17.32	244	1002955	85.44	ng	0.00
Target Compounds						Qvalue

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

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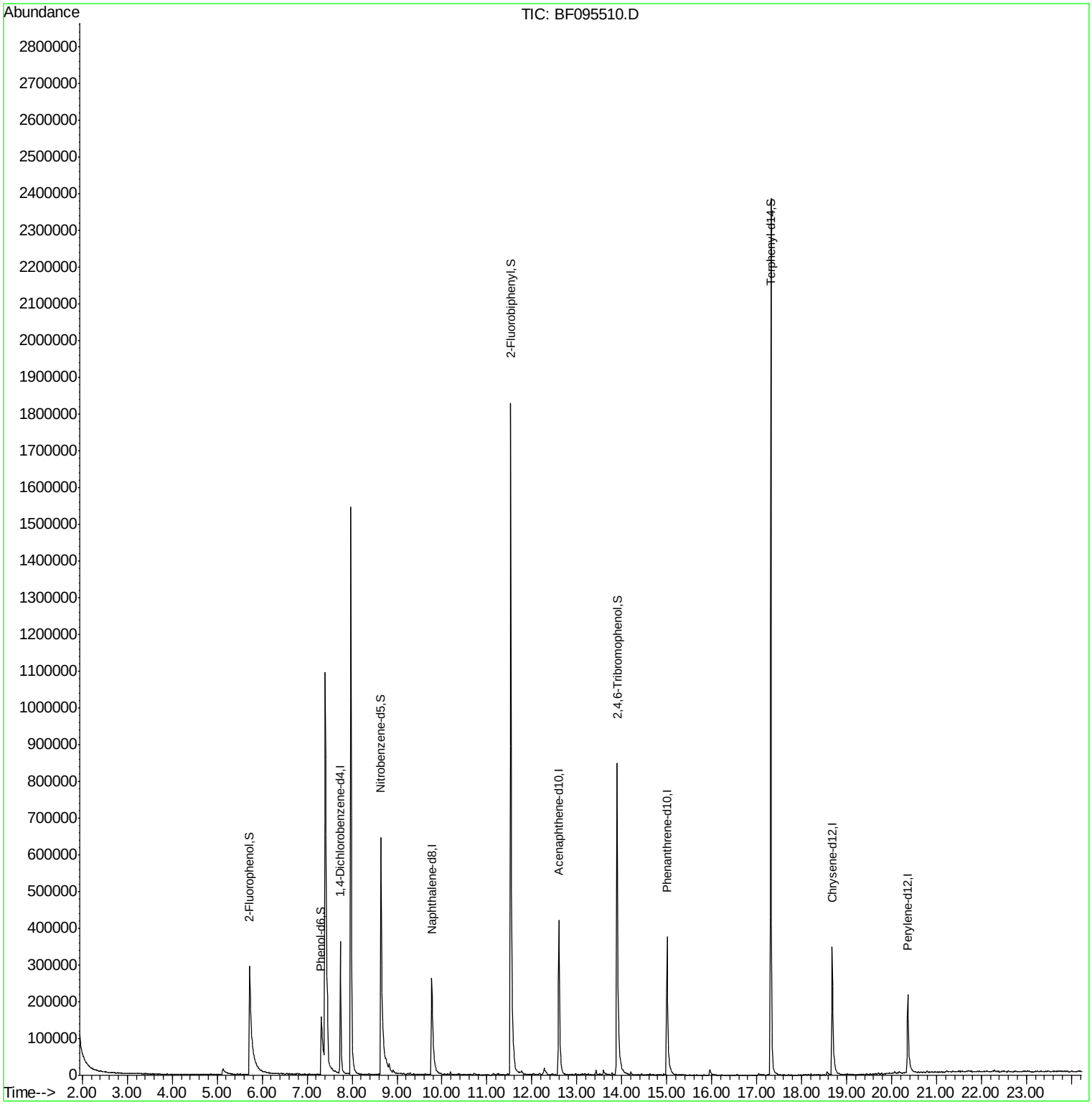
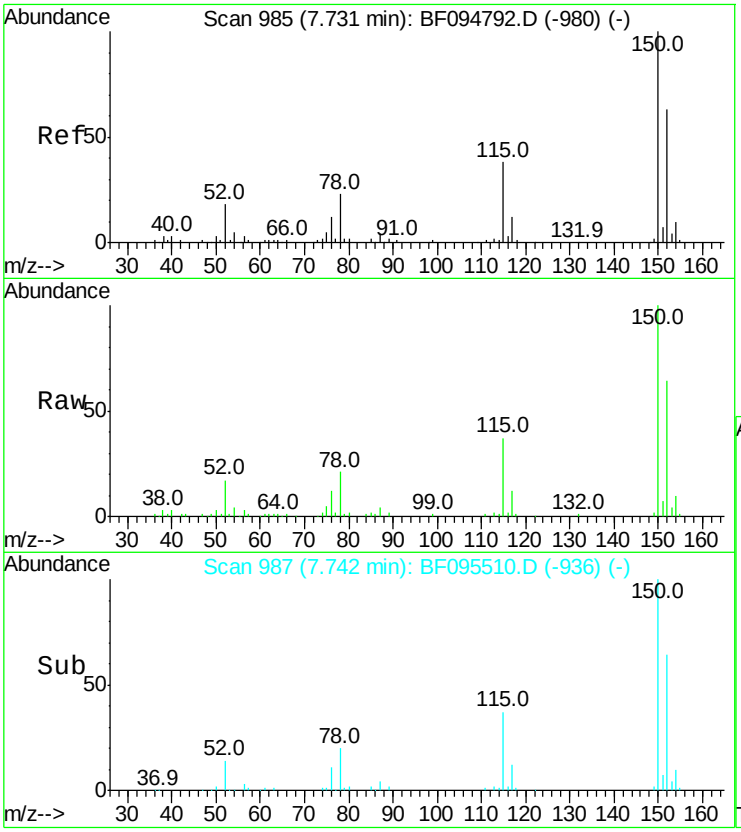


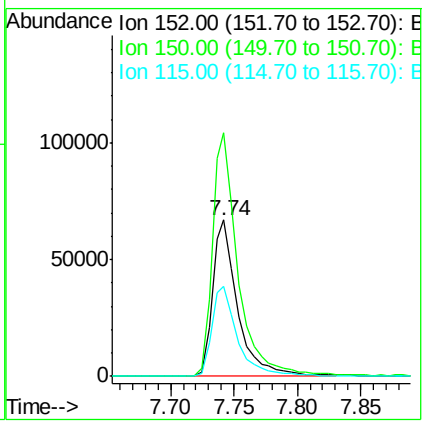


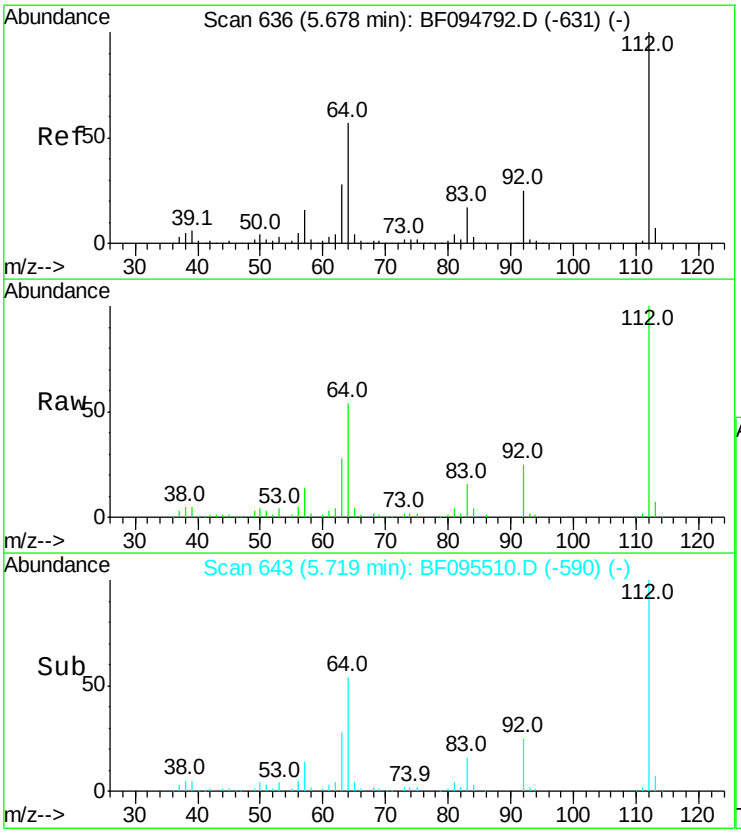
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Instrument :
BNA_F
ClientSampleId :
DSK-MW-6

Tgt Ion:152 Resp: 92799

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	57.4	52.2	78.2

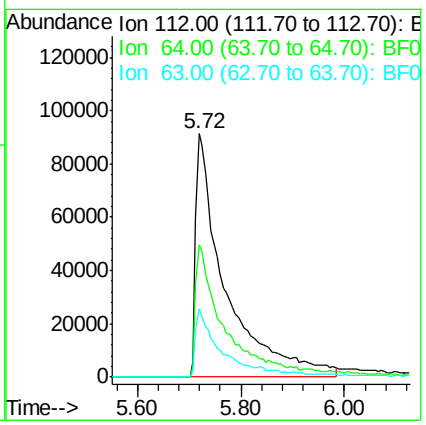


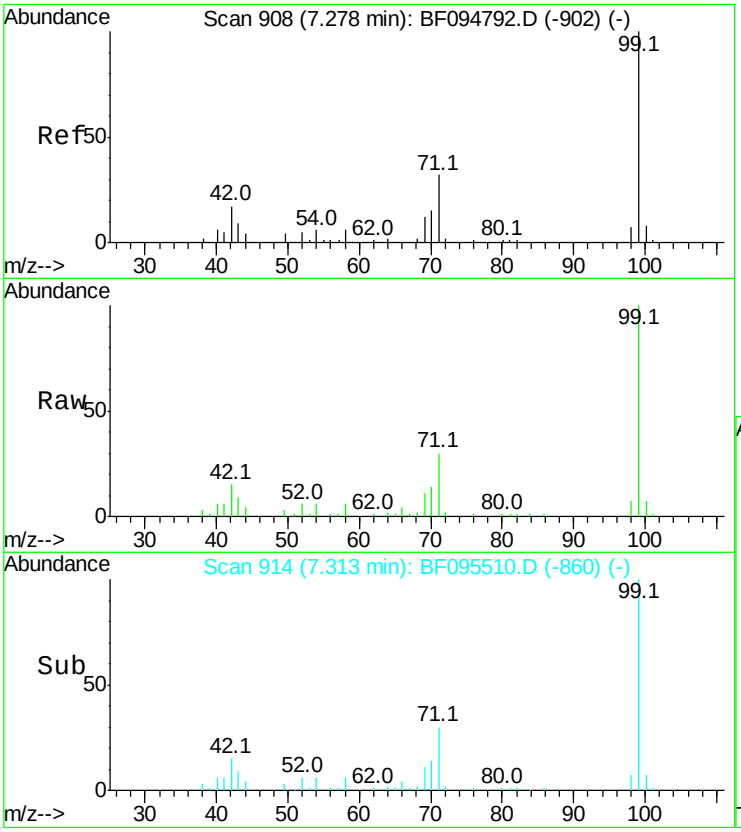


#5
2-Fluorophenol
Concen: 64.87 ng
RT: 5.72 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion:112 Resp: 361076

Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	27.9	23.4	35.0



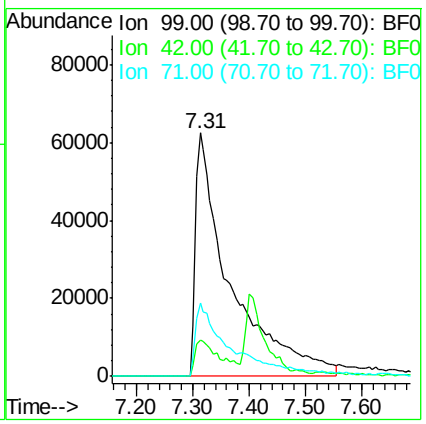


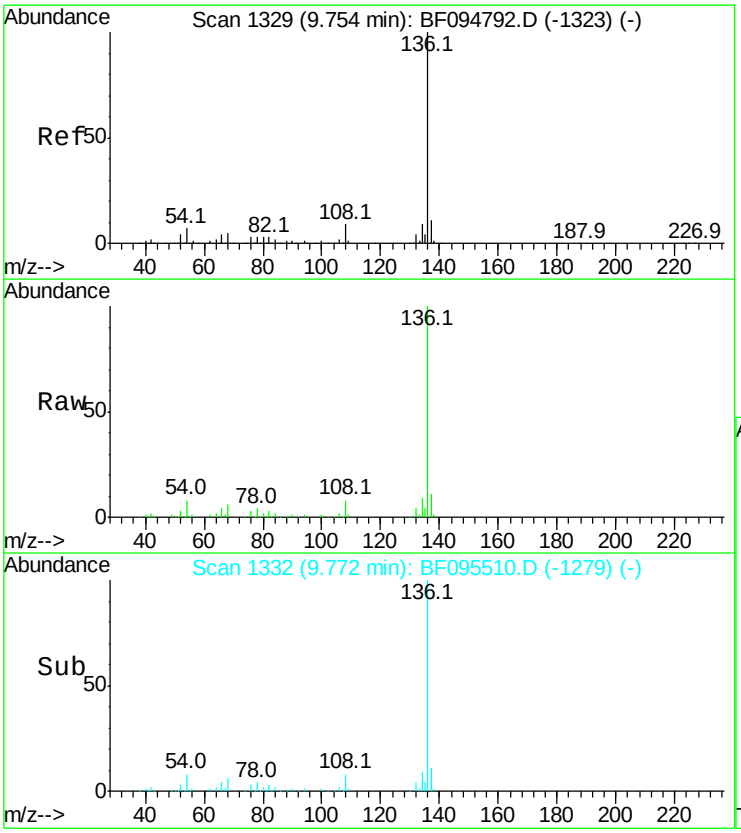
#7
Phenol-d6
Concen: 39.97 ng
RT: 7.31 min Scan# 914
Delta R.T. 0.02 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Instrument :
BNA_F
ClientSampleId :
DSK-MW-6

Tgt Ion: 99 Resp: 266968

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.5	20.3
71	30.3	24.5	36.7

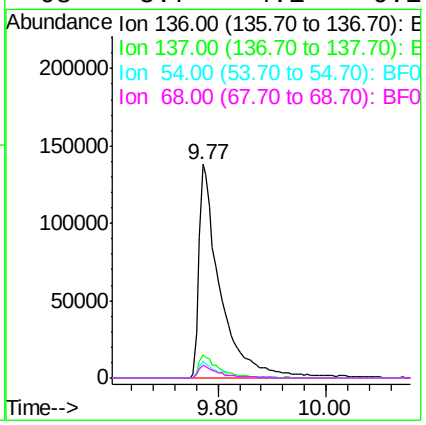


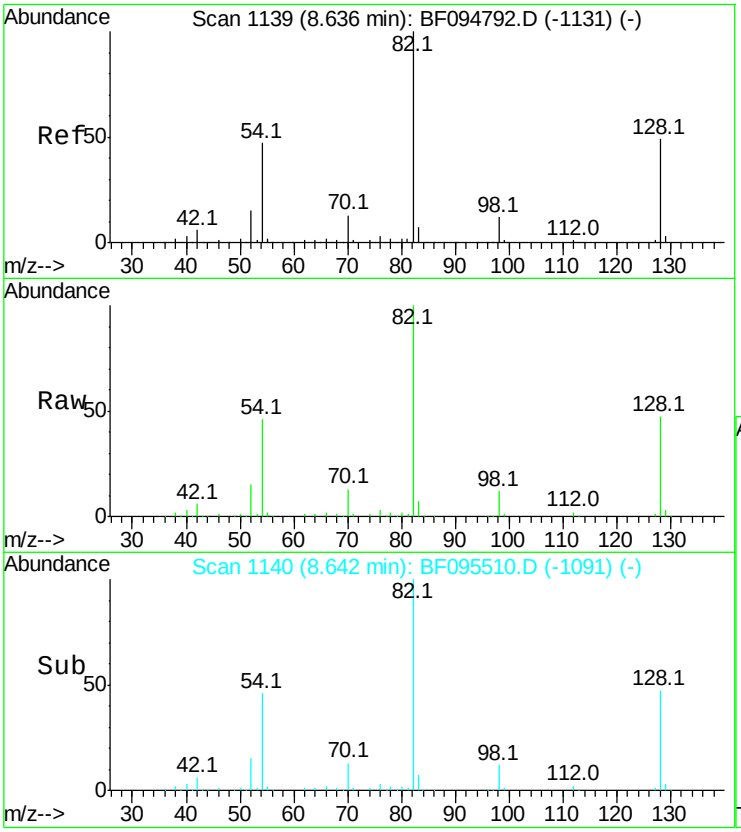


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion:136 Resp: 376677

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.6	4.9	7.3#
68	5.7	4.1	6.1



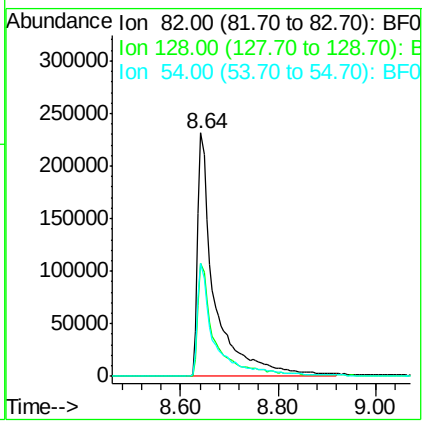


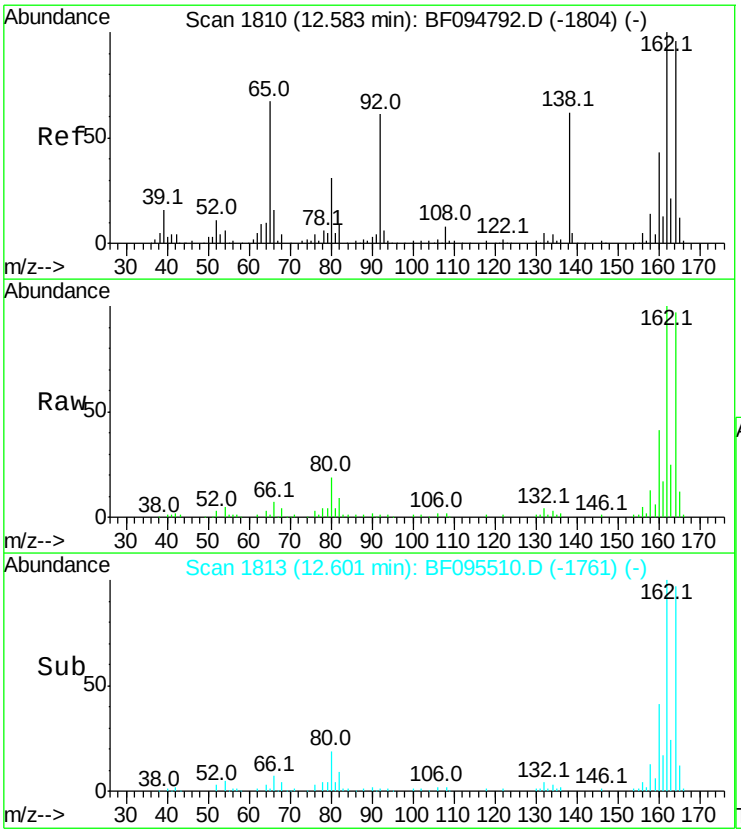
#23
Nitrobenzene-d5
Concen: 95.17 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Instrument :
BNA_F
ClientSampleId :
DSK-MW-6

Tgt Ion: 82 Resp: 568490

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	46.3	42.2	63.2

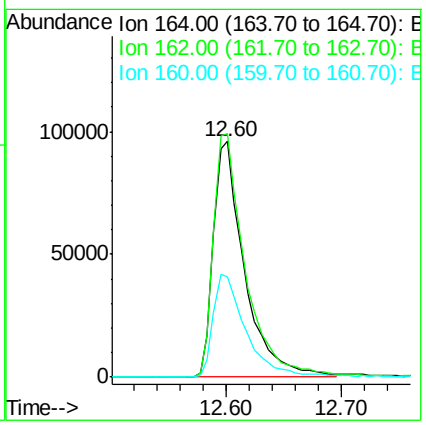


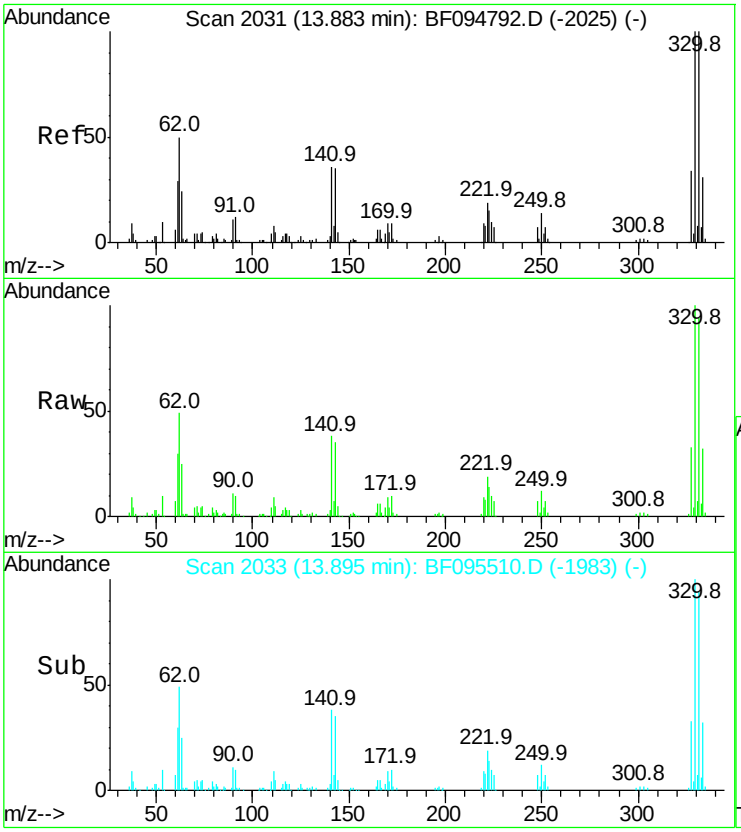


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion:164 Resp: 179448

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	42.8	36.2	54.2



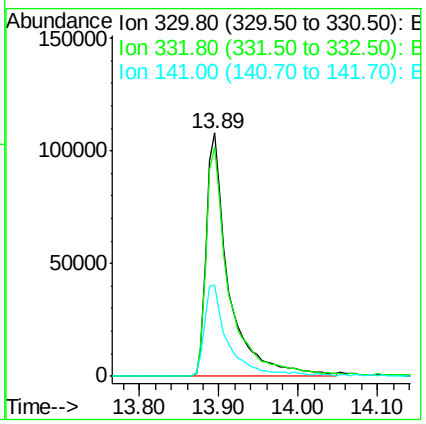


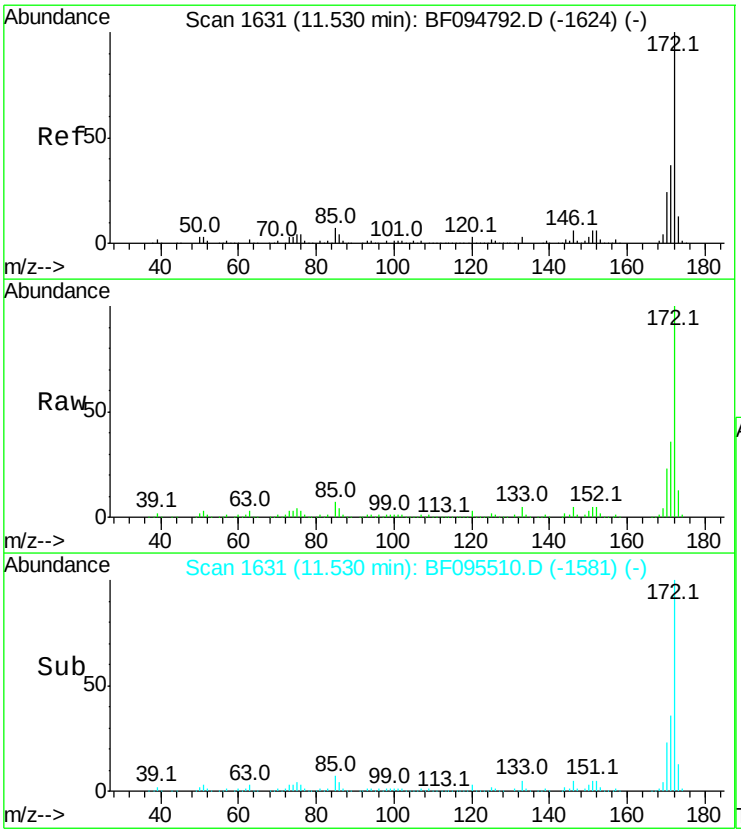
#41
2,4,6-Tribromophenol
Concen: 145.01 ng
RT: 13.89 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Instrument :
BNA_F
ClientSampleId :
DSK-MW-6

Tgt Ion:330 Resp: 213104

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	39.4	31.4	47.2

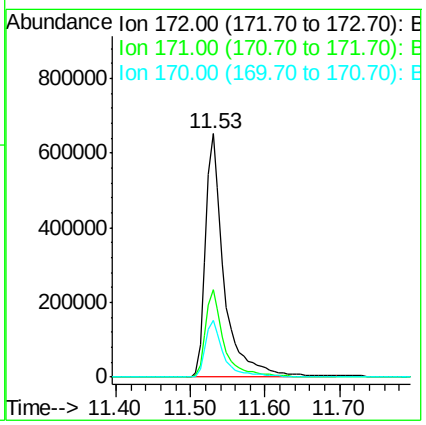


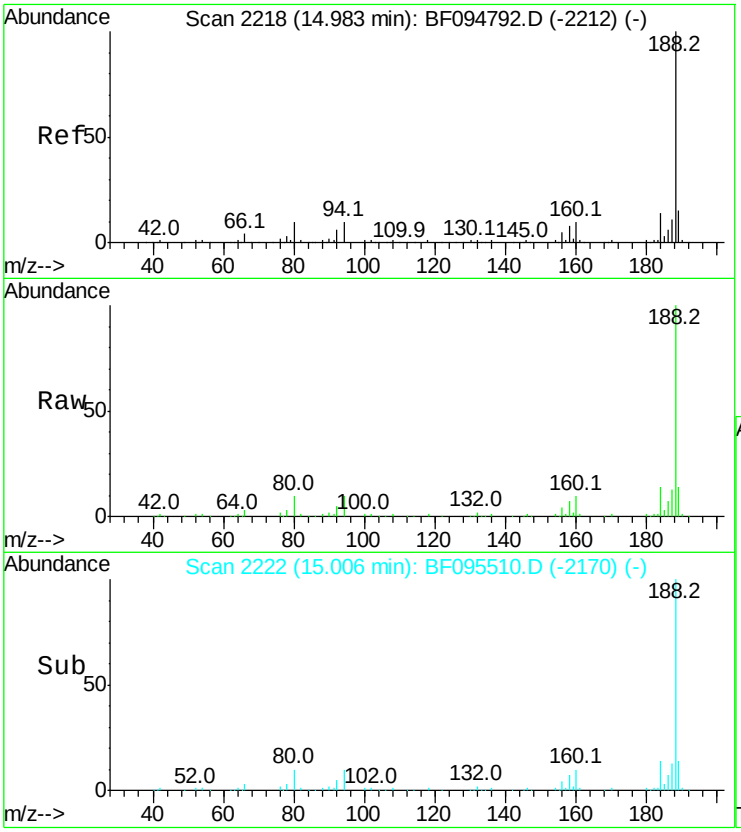


#44
2-Fluorobiphenyl
Concen: 91.02 ng
RT: 11.53 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion:172 Resp: 1134786

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.2	19.8	29.8



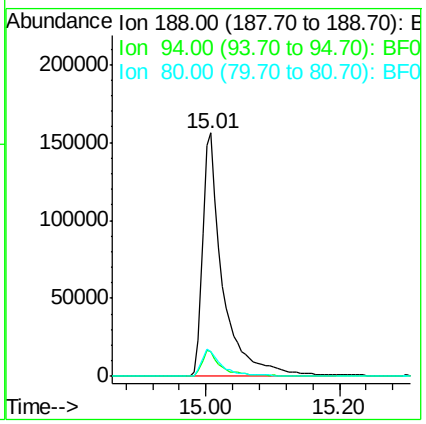


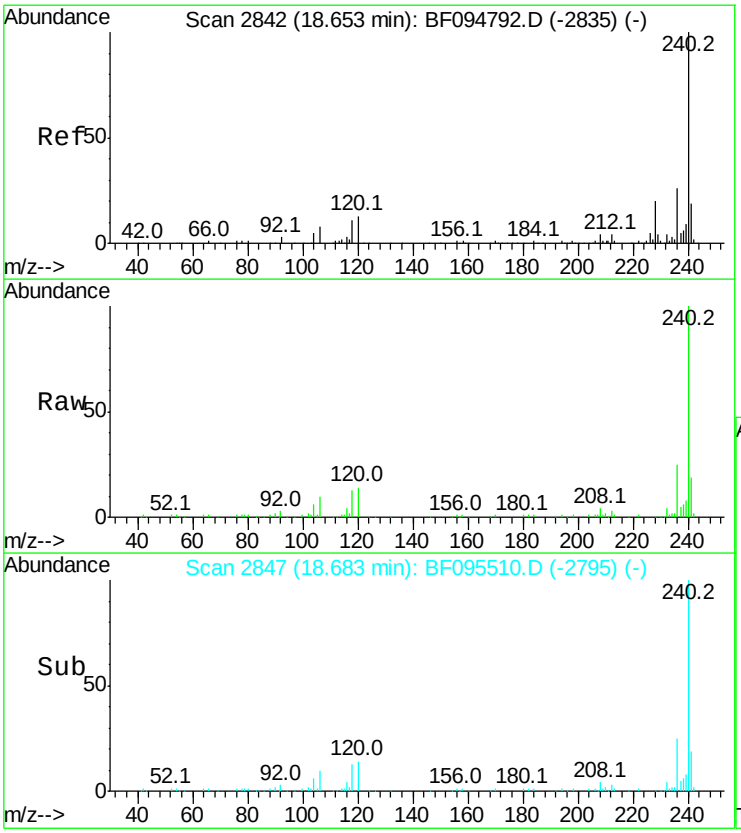
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Instrument :
BNA_F
ClientSampleId :
DSK-MW-6

Tgt Ion:188 Resp: 326489

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.3	10.2	15.2

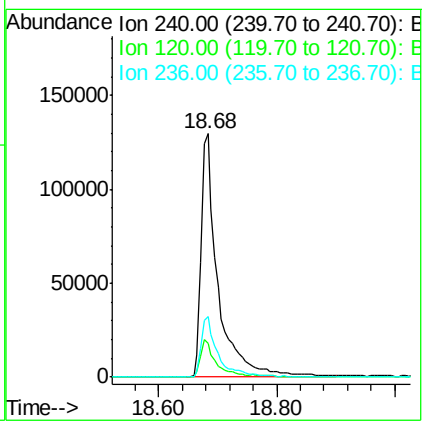


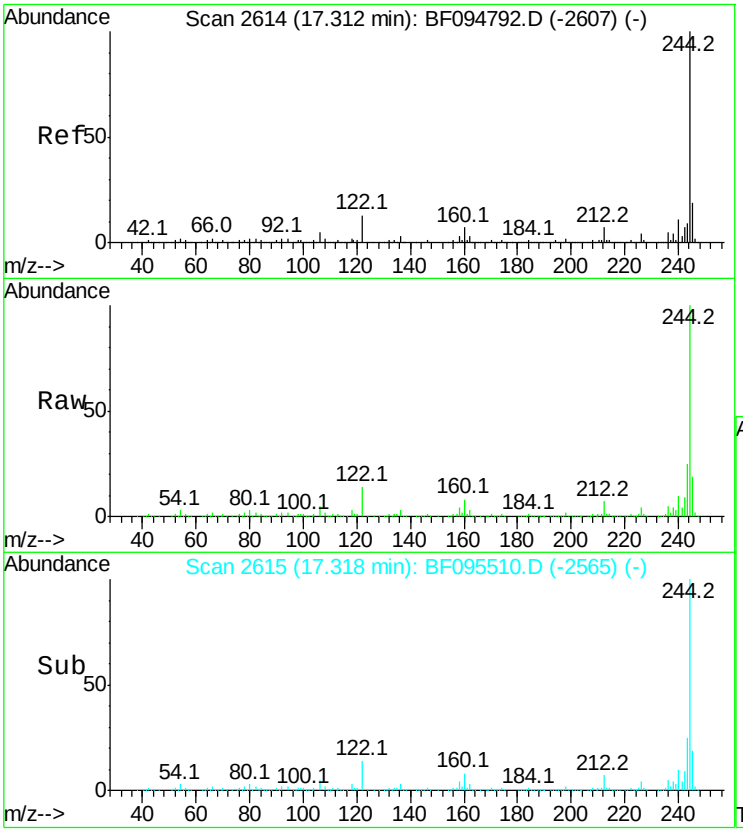


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion:240 Resp: 258555

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	24.9	20.5	30.7



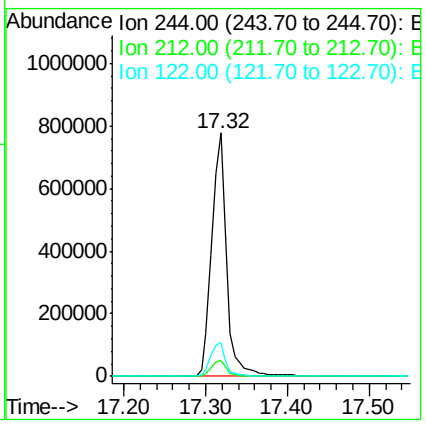


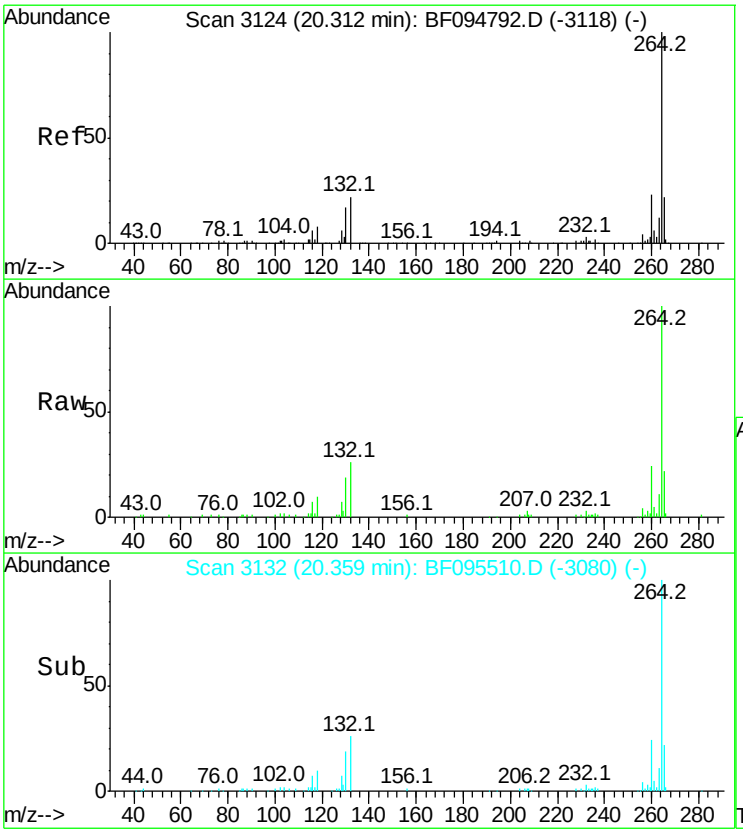
#78
Terphenyl-d14
Concen: 85.44 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Instrument :
BNA_F
ClientSampleId :
DSK-MW-6

Tgt Ion:244 Resp: 1002955

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.9	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BF095510.D
Acq: 27 May 2017 22:20

Tgt Ion:264 Resp: 163803

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.3	17.2	25.8