Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112924.D
Acq On : 7 Mar 2019 16:35
Operator : JU/SJ
Sample : K1760-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : Z2-11

Quant Time: Mar 08 00:56:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	199940	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	765288	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	381409	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	817269	20.00	ng	0.00
76) Chrysene-d12	13.86	240	742470	20.00	ng	-0.01
87) Perylene-d12	15.27	264	646824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1185495	92.23	ng	0.00
7) Phenol-d6	6.37	99	1376408	85.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	1065727	83.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	576196	142.30	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1995301	87.30	ng	0.00
79) Terphenyl-d14	12.82	244	2376521	62.05	ng	0.00
Target Compounds						Qvalue

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

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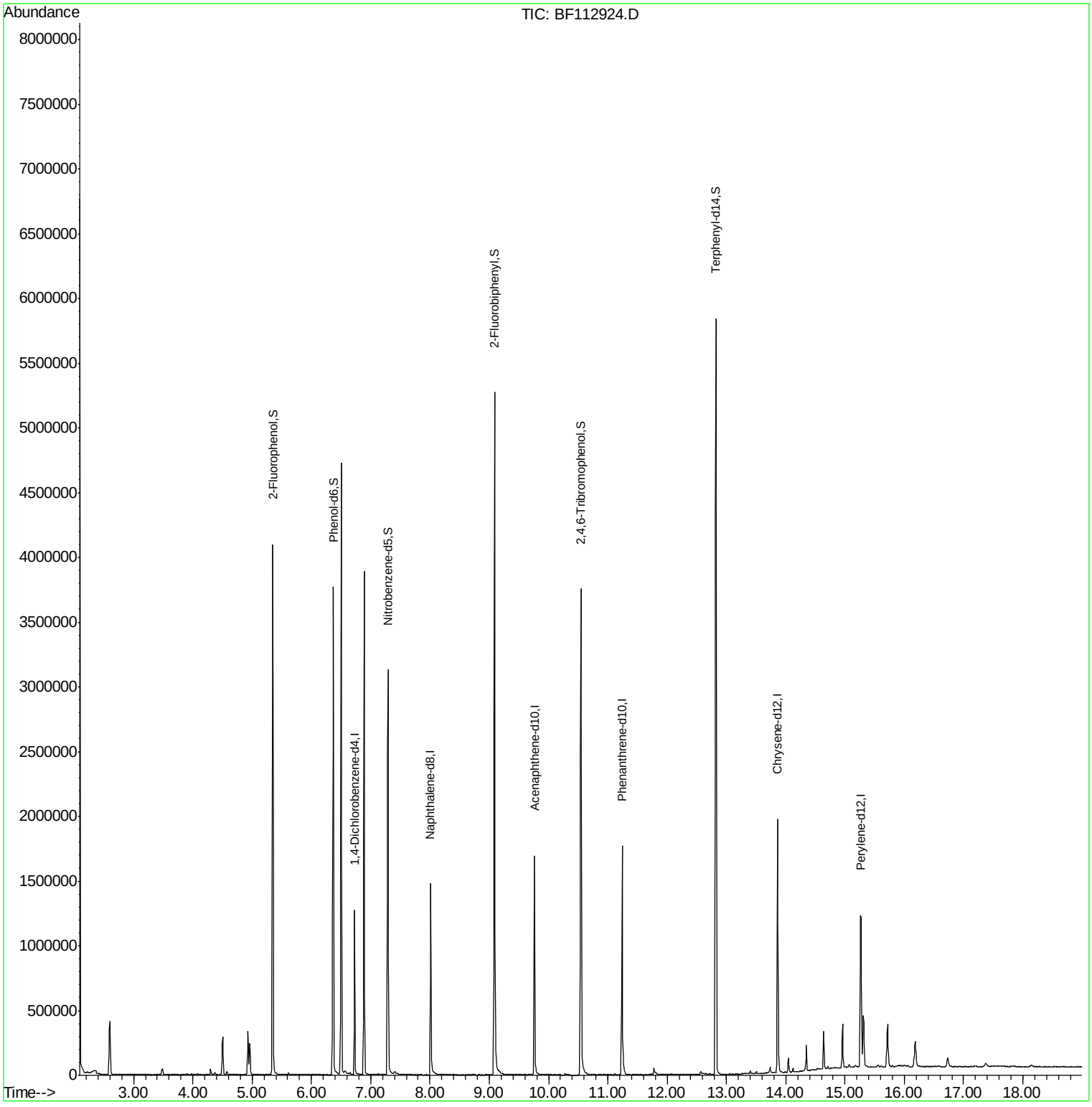
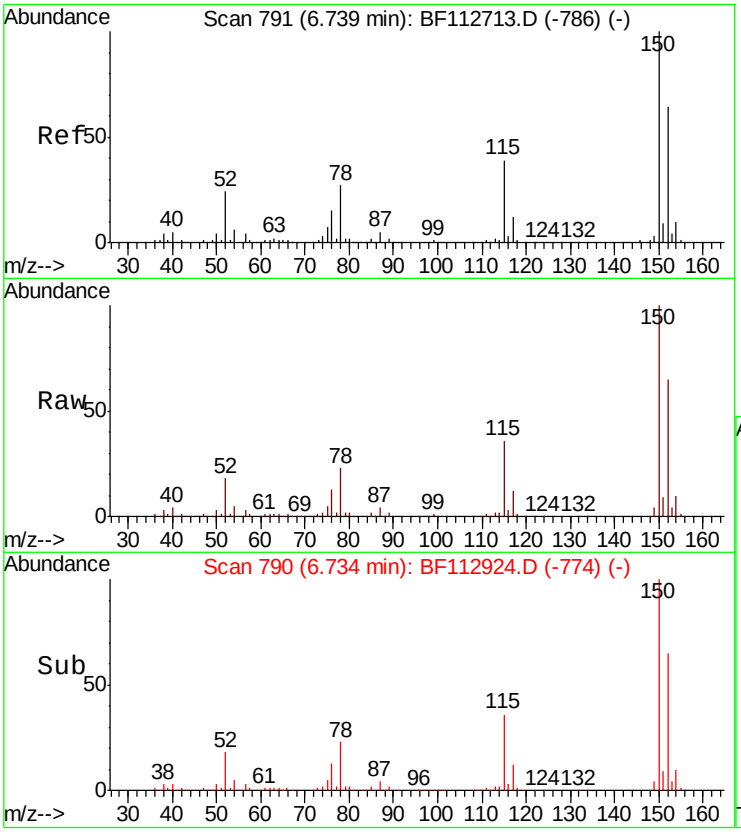


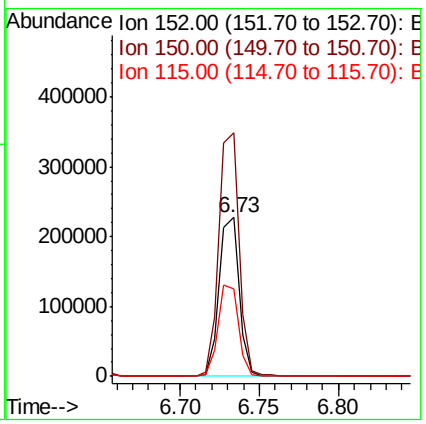


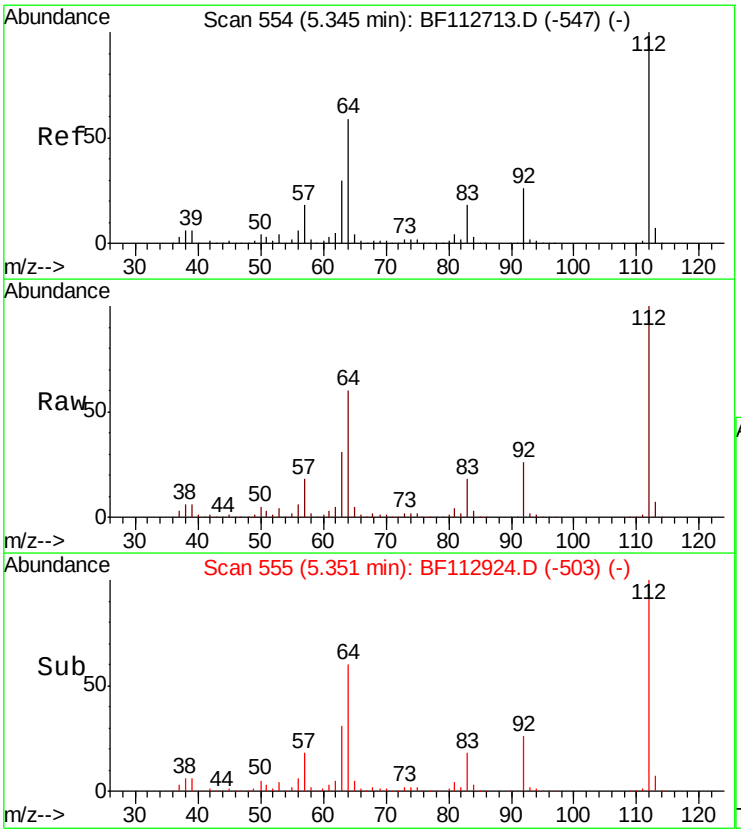
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
Z2-11

Tgt Ion:152 Resp: 199940

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	55.2	48.2	72.4

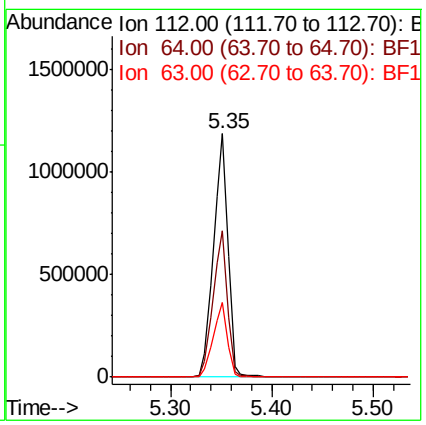


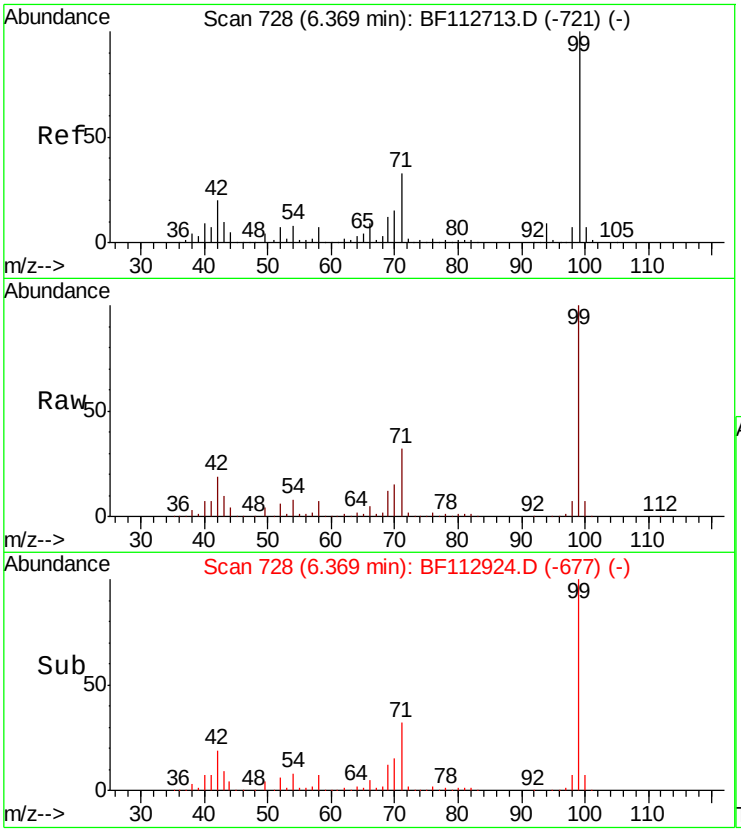


#5
2-Fluorophenol
Concen: 92.232 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Tgt Ion:112 Resp: 1185495

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.6	71.4
63	30.6	24.4	36.6



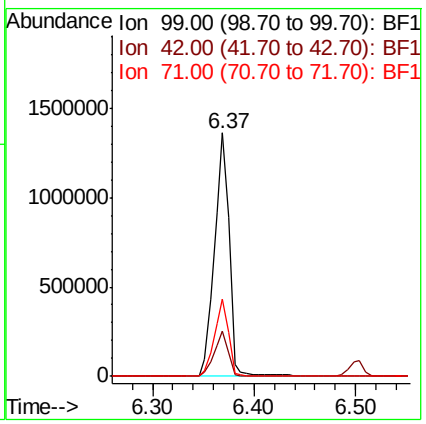


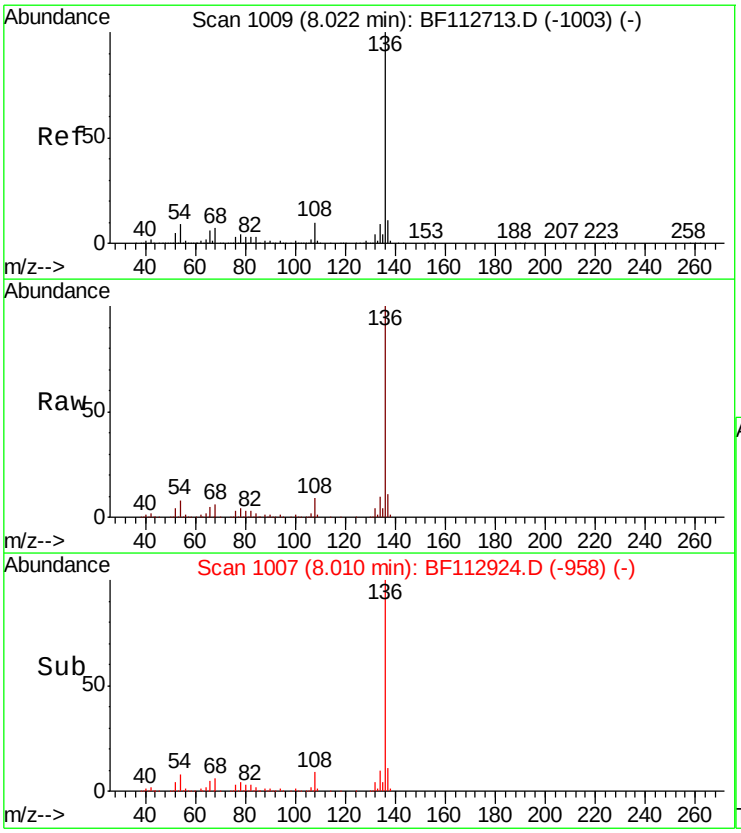
#7
Phenol-d6
Concen: 85.248 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
Z2-11

Tgt Ion: 99 Resp: 1376408

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	31.7	26.2	39.4

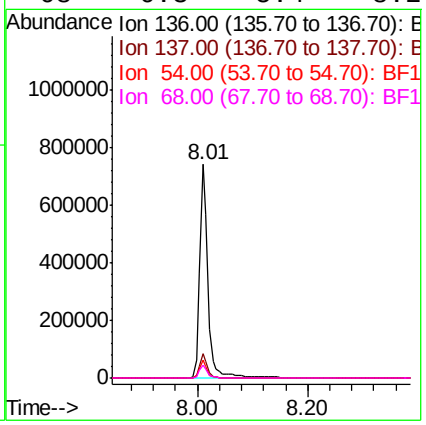


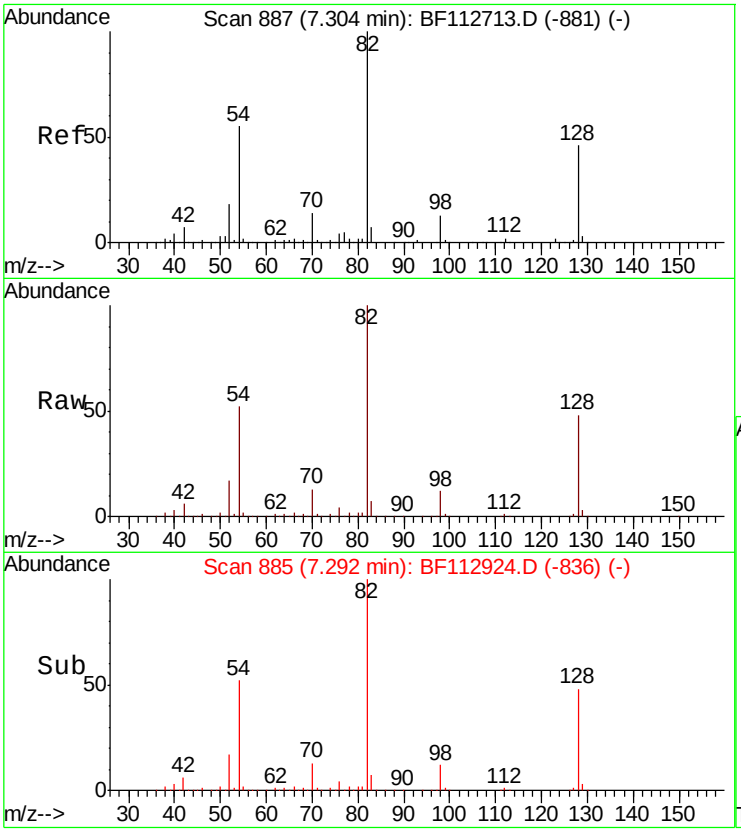


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Tgt Ion:136 Resp: 765288

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.5	7.3	10.9
68	6.3	5.4	8.2



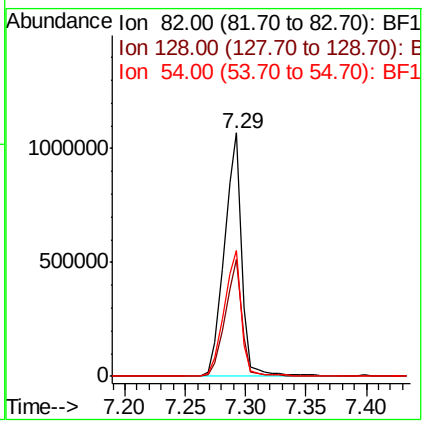


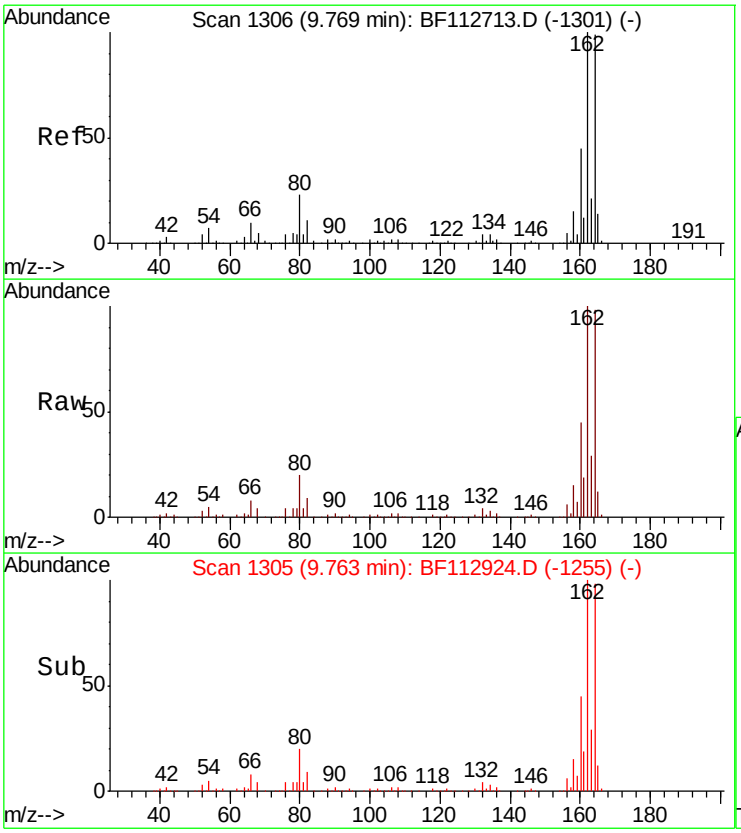
#23
Nitrobenzene-d5
Concen: 83.329 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
Z2-11

Tgt Ion: 82 Resp: 1065727

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.3	54.5
54	51.7	43.7	65.5

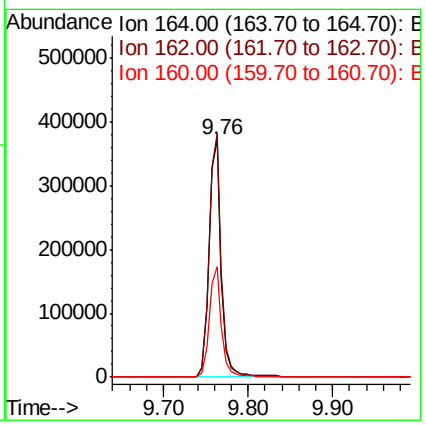


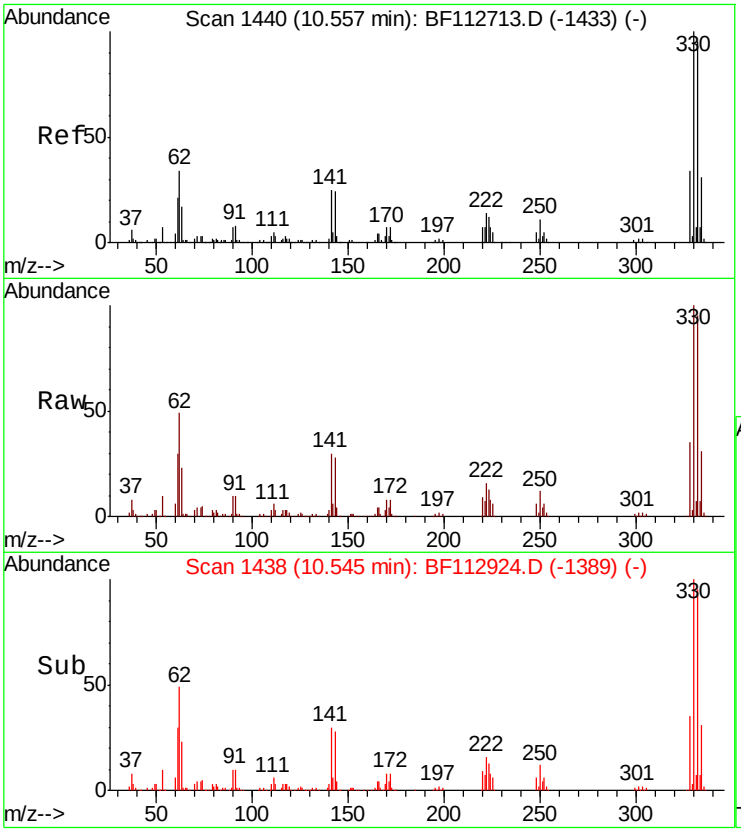


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Tgt Ion:164 Resp: 381409

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	46.5	36.0	54.0



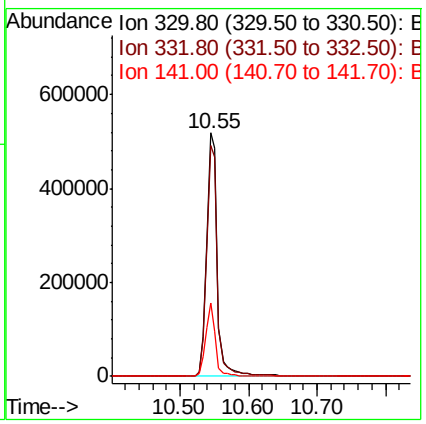


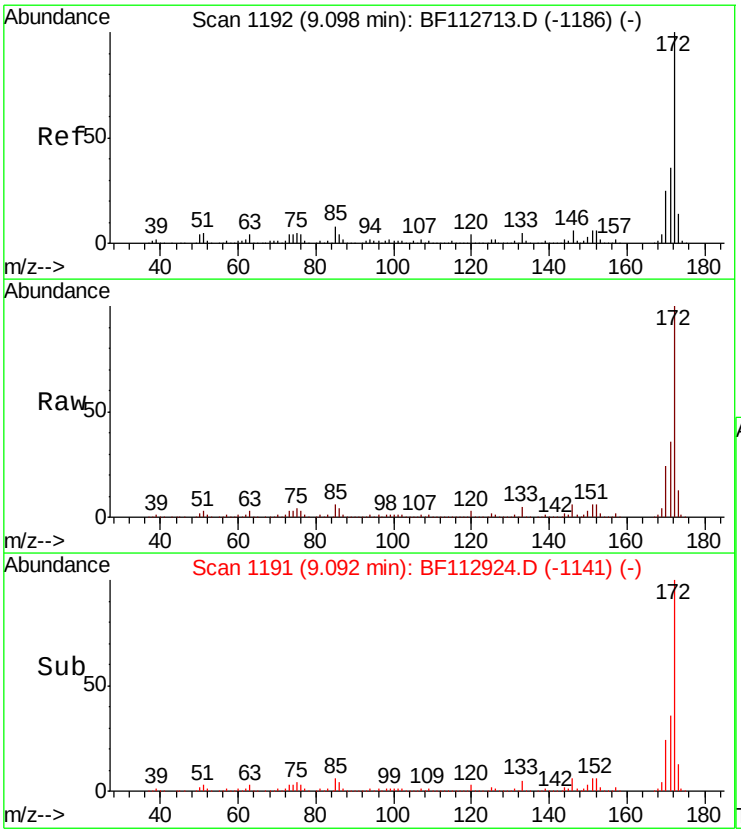
#42
2,4,6-Tribromophenol
Concen: 142.301 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
Z2-11

Tgt Ion:330 Resp: 576196

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	27.8	27.0	40.6

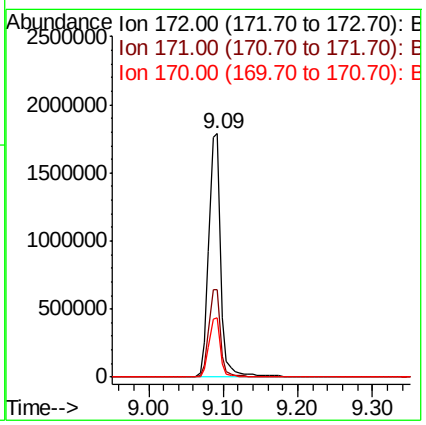


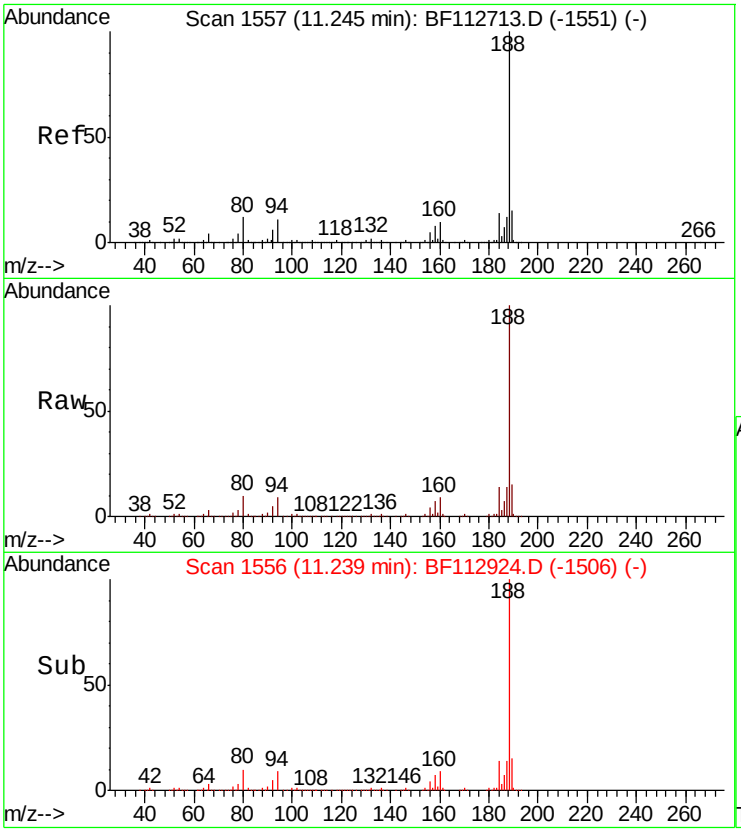


#45
2-Fluorobiphenyl
Concen: 87.302 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Tgt Ion:172 Resp: 1995301

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.5	20.0	30.0



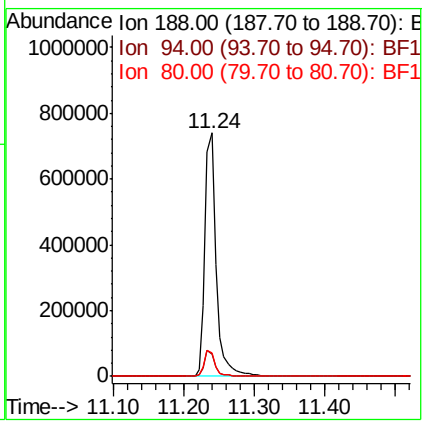


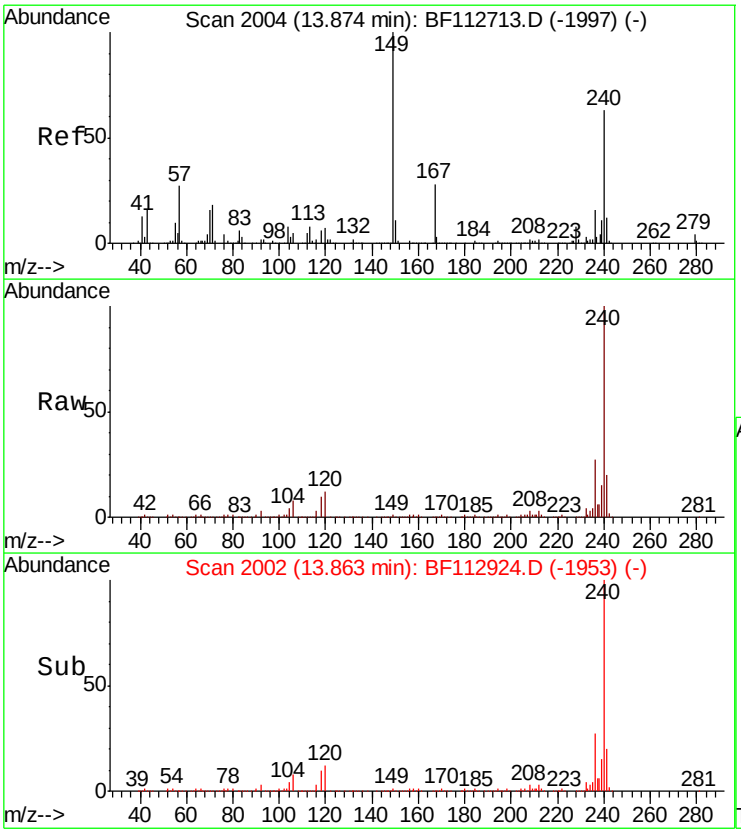
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
Z2-11

Tgt Ion:188 Resp: 817269

Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.6	9.2	13.8

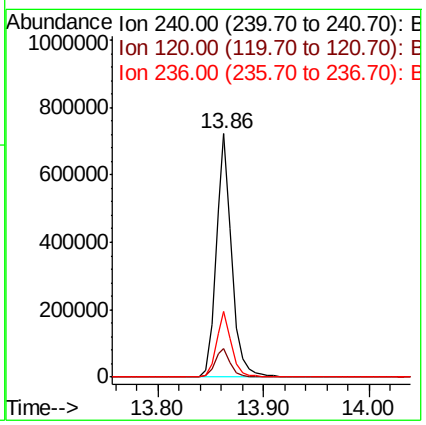


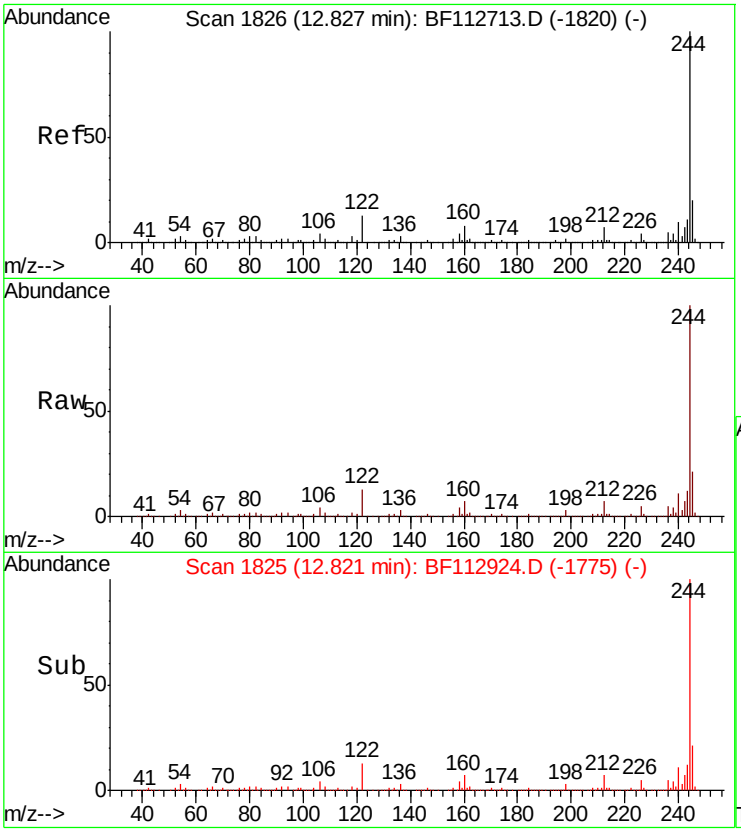


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Tgt Ion:240 Resp: 742470

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	26.9	20.7	31.1



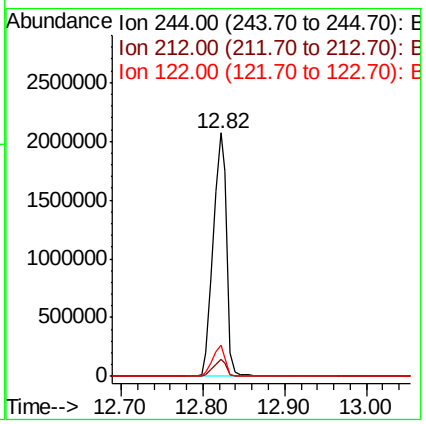


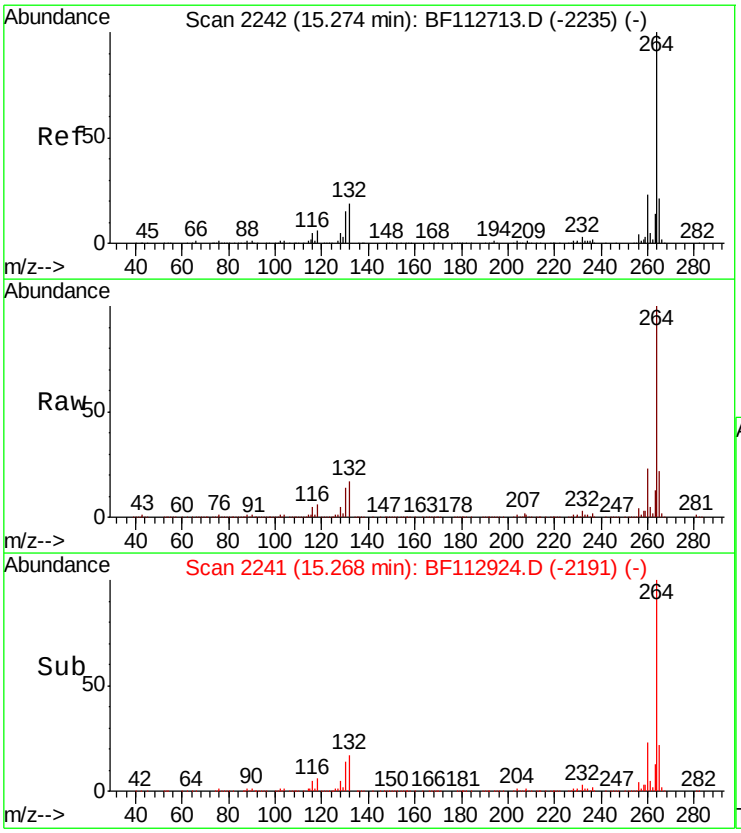
#79
Terphenyl-d14
Concen: 62.048 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Instrument :
BNA_F
ClientSampleId :
Z2-11

Tgt Ion:244 Resp: 2376521

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.6	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112924.D
Acq: 7 Mar 2019 16:35

Tgt Ion:264 Resp: 646824

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.7	17.2	25.8