Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114411.D
Acq On : 19 May 2019 1:26
Operator : JU/SJ
Sample : K2869-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CINDER-BLOCK-SHED

Quant Time: May 20 08:10:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	236078	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	877960	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	369462	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	599199	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	425229	20.00	ng	-0.03
87) Perylene-d12	15.46	264	475674	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	721504	49.18	ng	-0.01
7) Phenol-d6	6.48	99	1075604	61.99	ng	-0.01
23) Nitrobenzene-d5	7.40	82	669883	42.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	112212	29.38	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1125685	46.09	ng	-0.02
79) Terphenyl-d14	12.93	244	859899	41.69	ng	-0.03
Target Compounds						Qvalue
50) Dimethylphthalate	9.58	163	179856	6.631	ng	99

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

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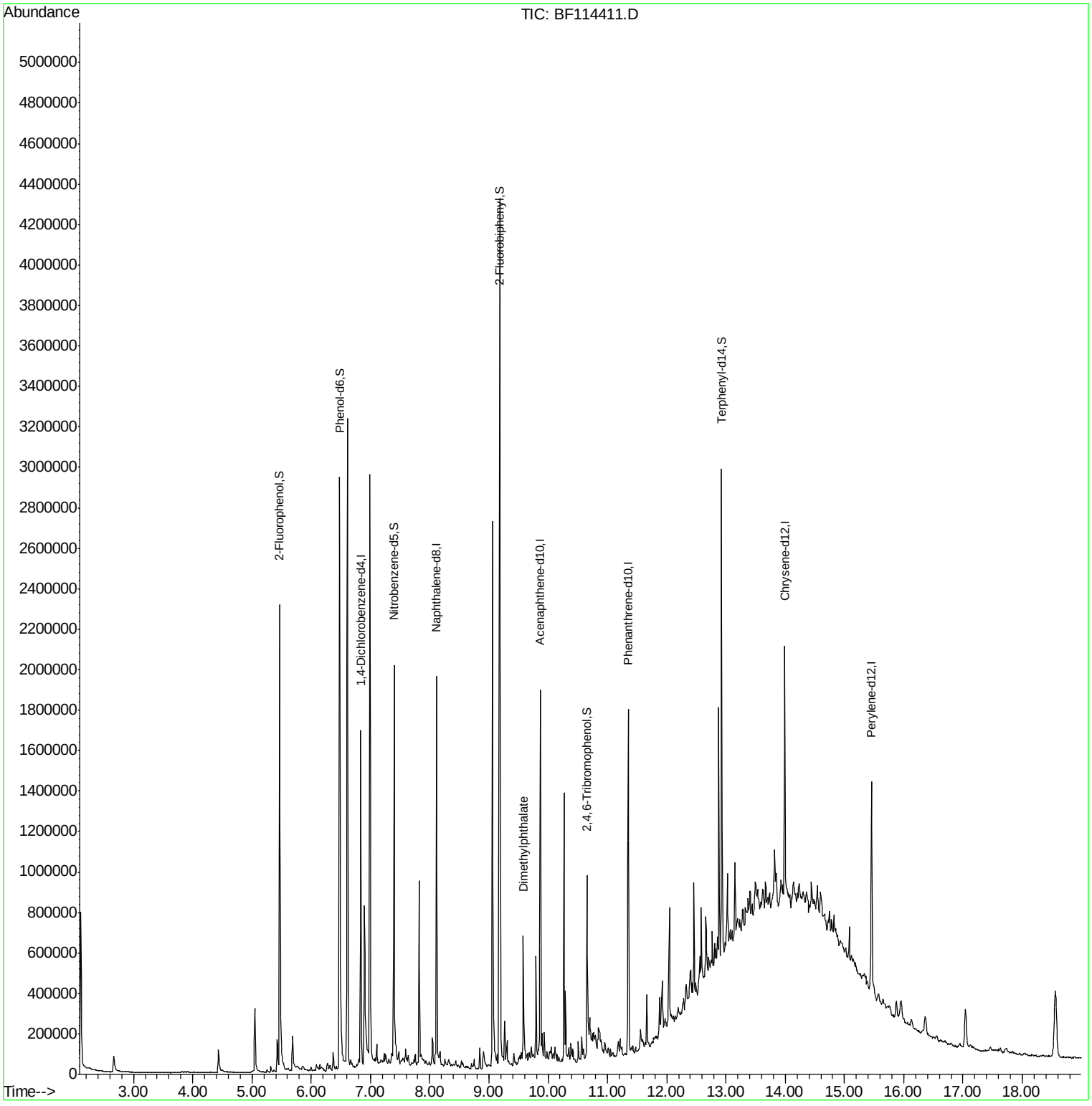
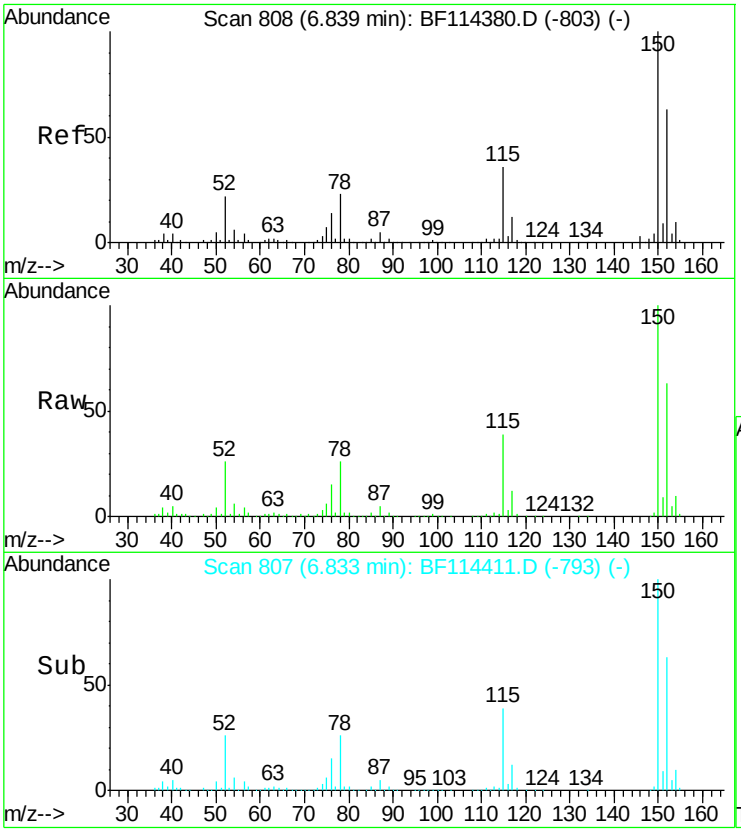


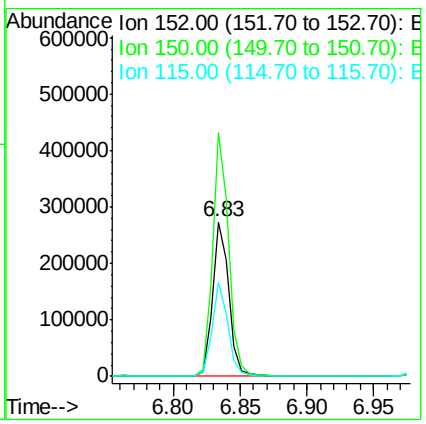


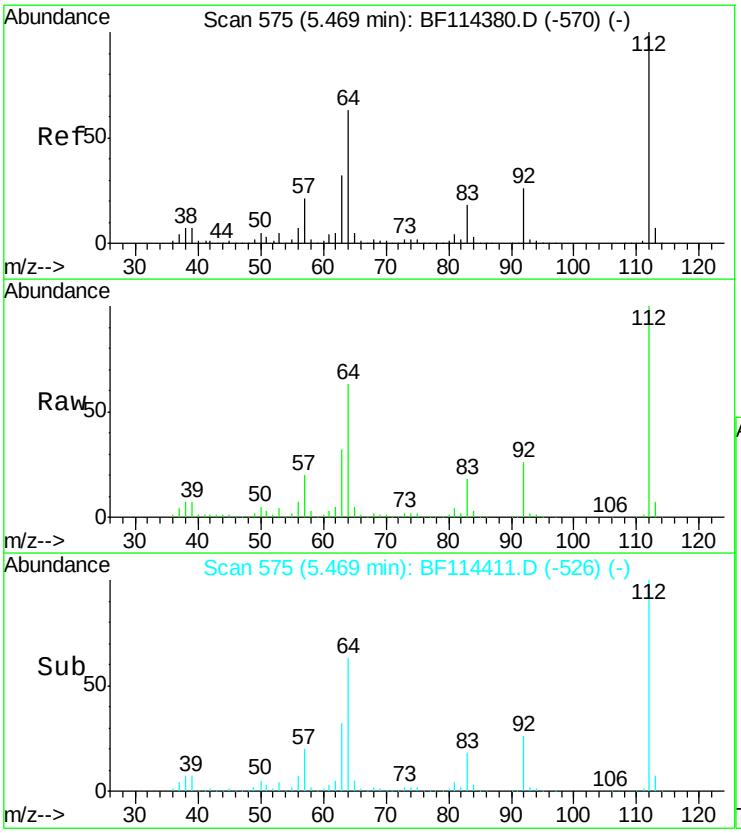
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
CINDER-BLOCK-SHED

Tgt Ion:152 Resp: 236078

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	61.0	49.1	73.7

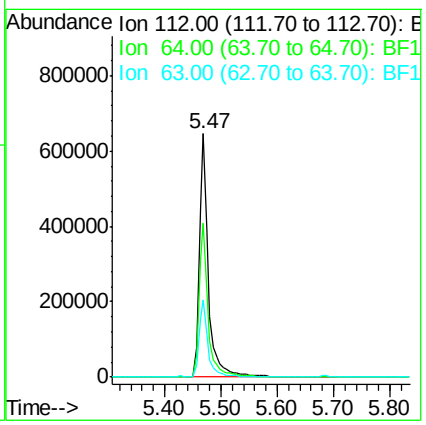


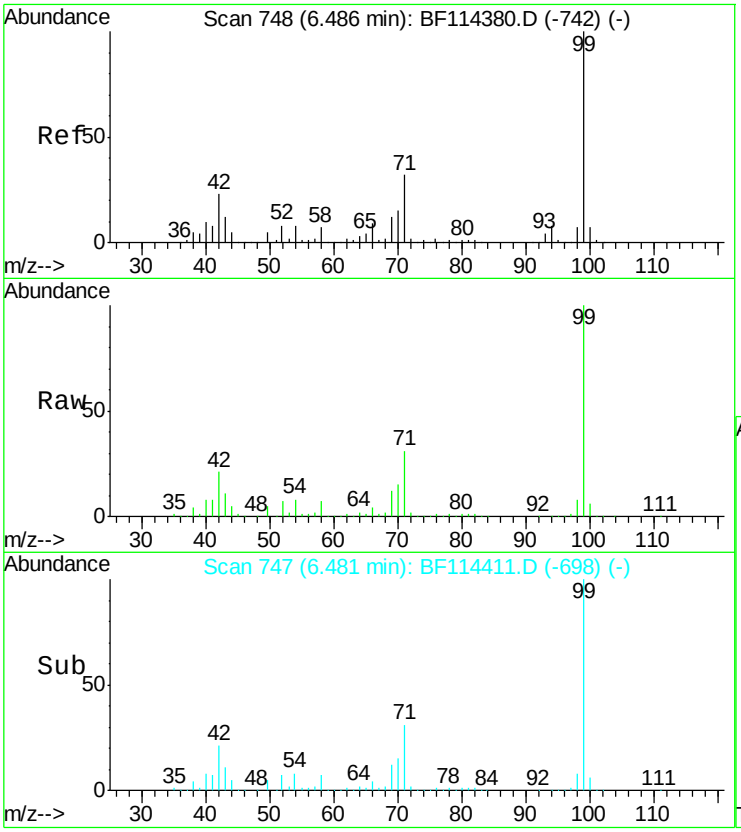


#5
2-Fluorophenol
Concen: 49.182 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Tgt Ion:112 Resp: 721504

Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.0	73.6
63	31.9	24.6	37.0



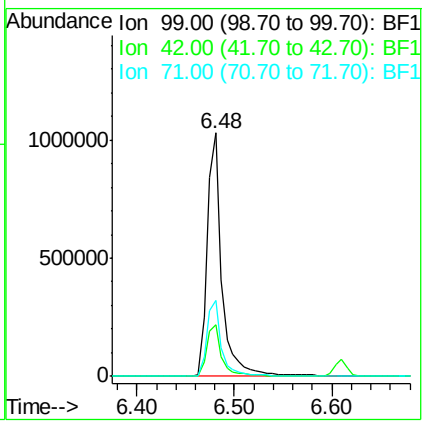


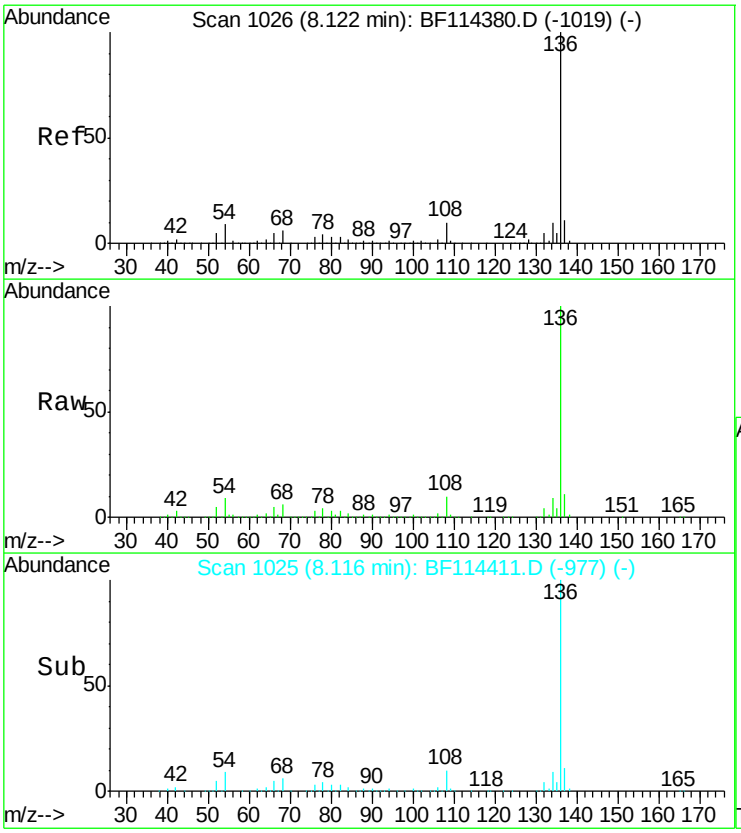
#7
Phenol-d6
Concen: 61.992 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
CINDER-BLOCK-SHED

Tgt Ion: 99 Resp: 1075604

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.9	26.9
71	31.4	26.2	39.2

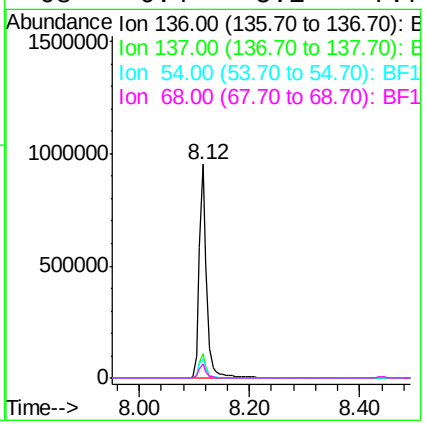


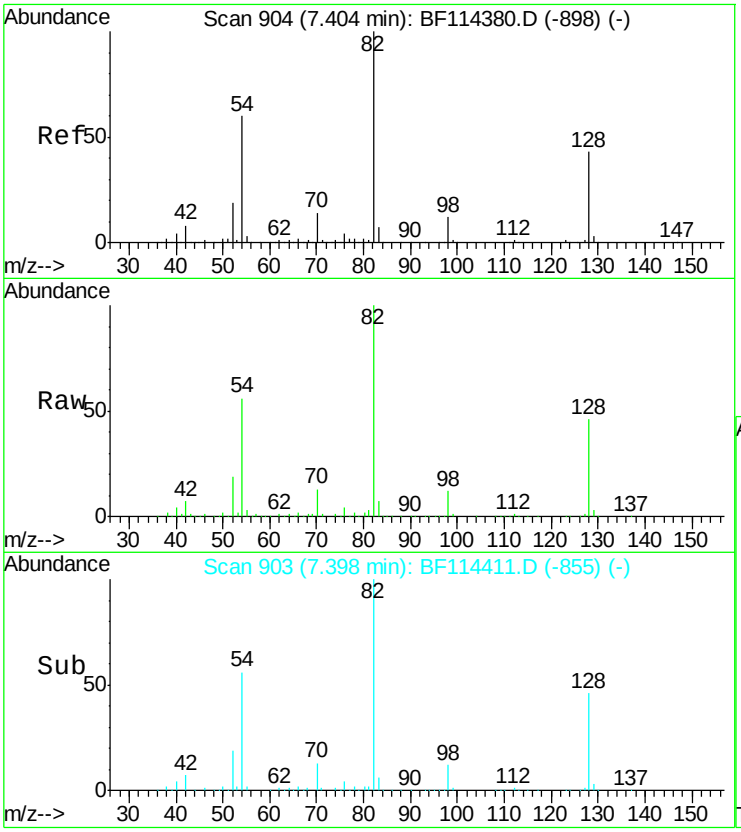


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Tgt Ion:136 Resp: 877960

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.2	7.8	11.8
68	6.4	5.1	7.7



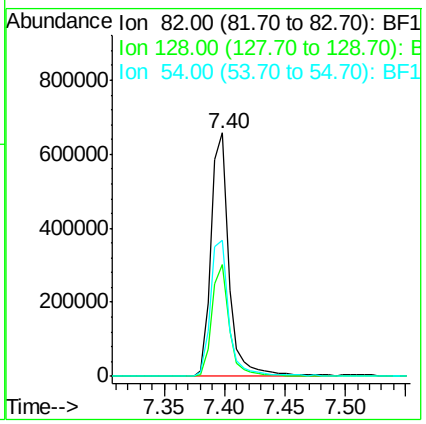


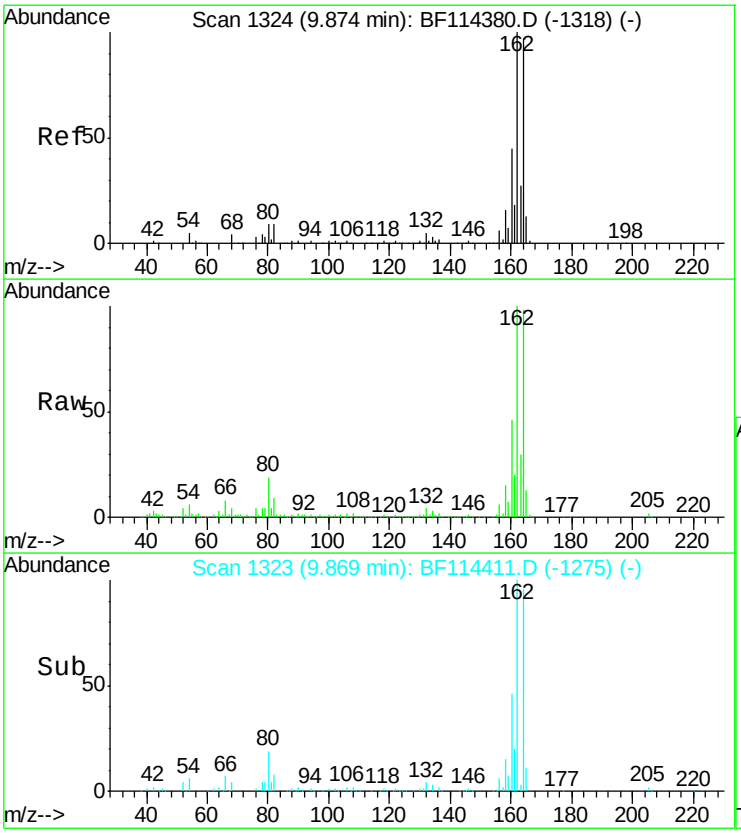
#23
Nitrobenzene-d5
Concen: 42.820 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
CINDER-BLOCK-SHED

Tgt Ion: 82 Resp: 669883

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	55.8	48.5	72.7

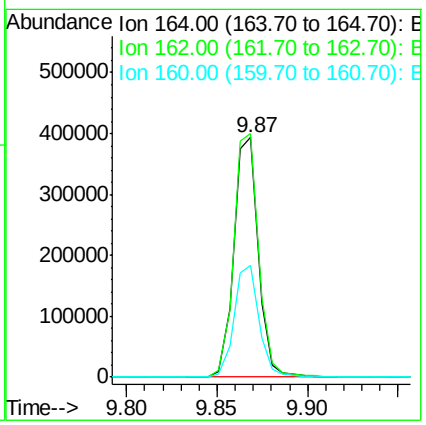


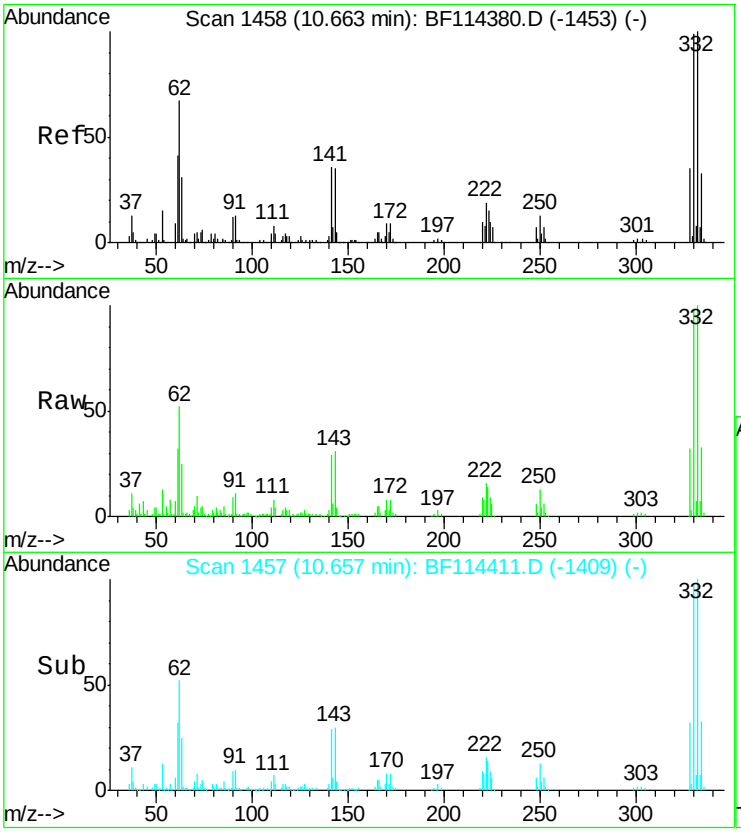


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Tgt Ion:164 Resp: 369462

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	46.7	36.5	54.7



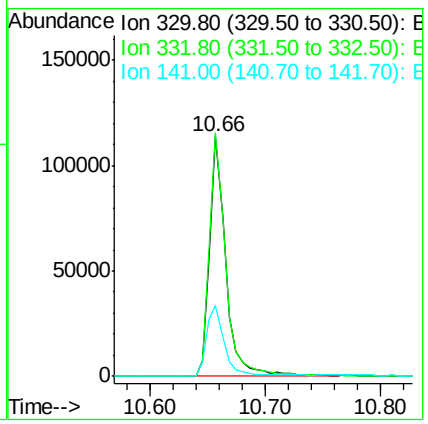


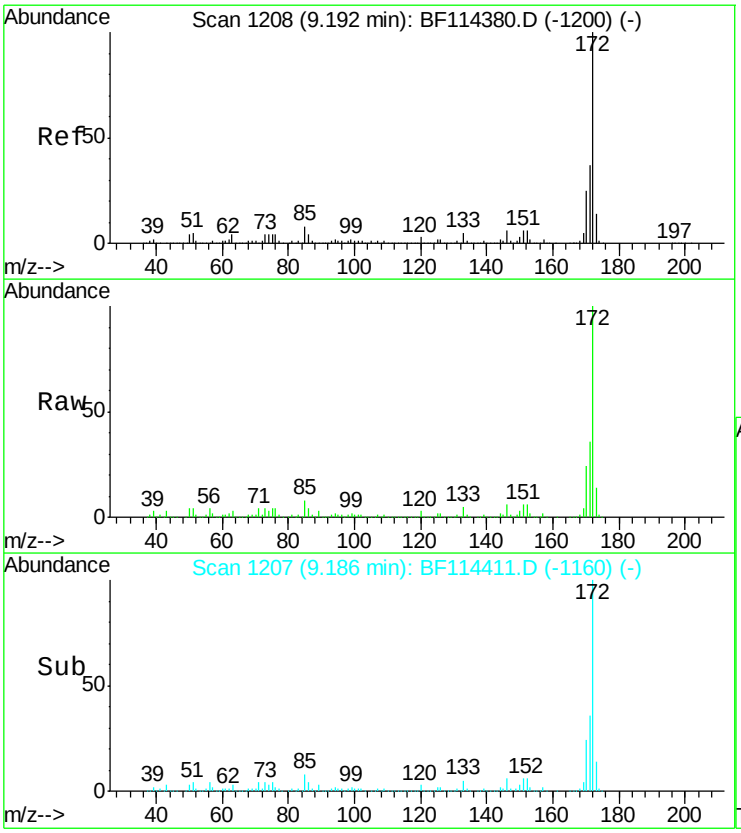
#42
2,4,6-Tribromophenol
Concen: 29.378 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
CINDER-BLOCK-SHED

Tgt Ion:330 Resp: 112212

Ion	Ratio	Lower	Upper
330	100		
332	101.2	81.4	122.2
141	32.5	26.6	40.0

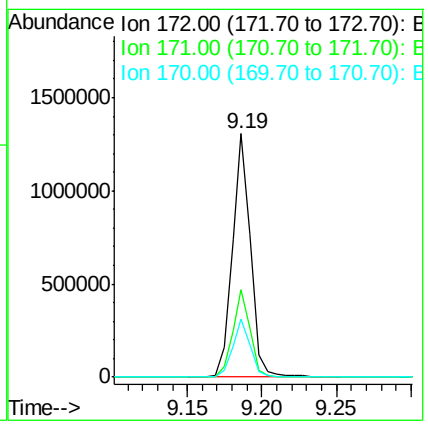


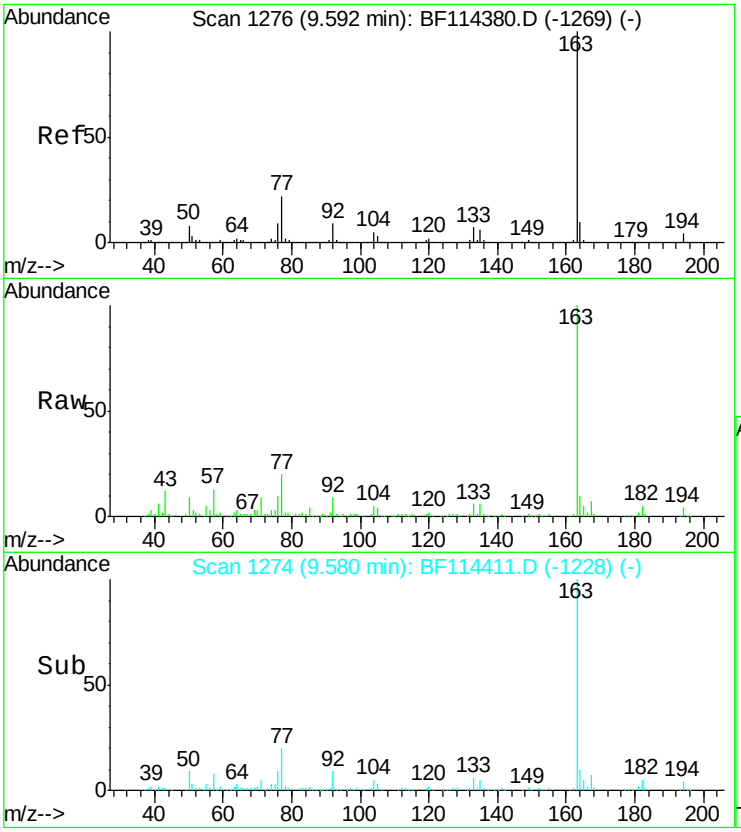


#45
2-Fluorobiphenyl
Concen: 46.088 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Tgt Ion:172 Resp: 1125685

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	23.7	20.5	30.7



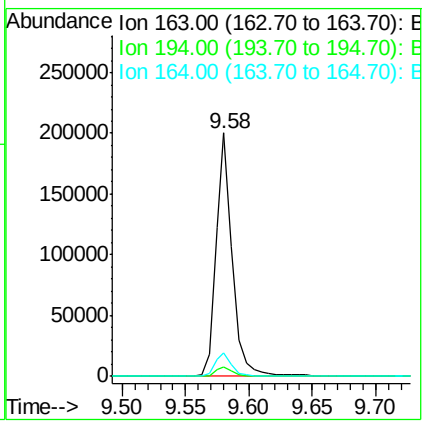


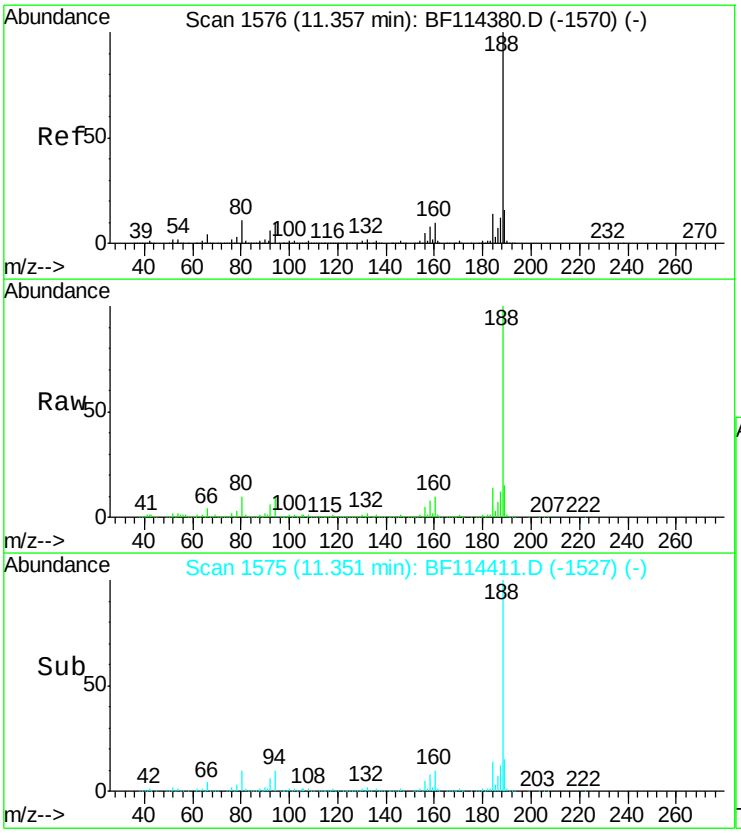
#50
Dimethylphthalate
Concen: 6.631 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
CINDER-BLOCK-SHED

Tgt Ion:163 Resp: 179856

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.8	8.2	12.2

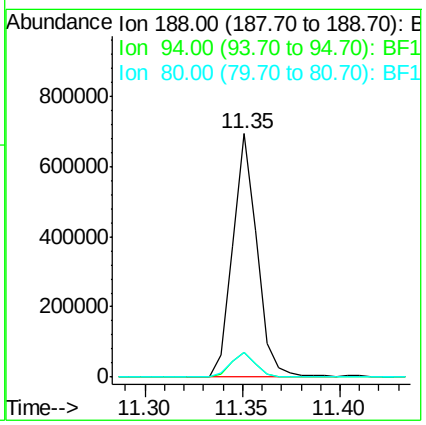


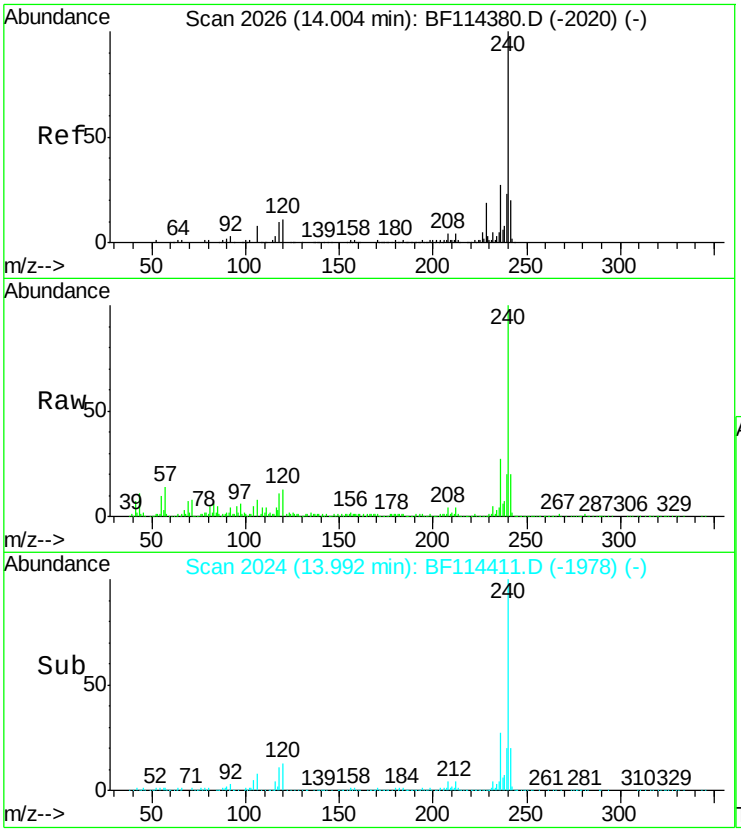


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Tgt Ion:188 Resp: 599199

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.0	9.2	13.8



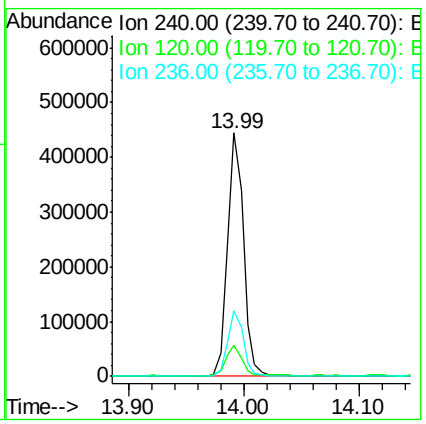


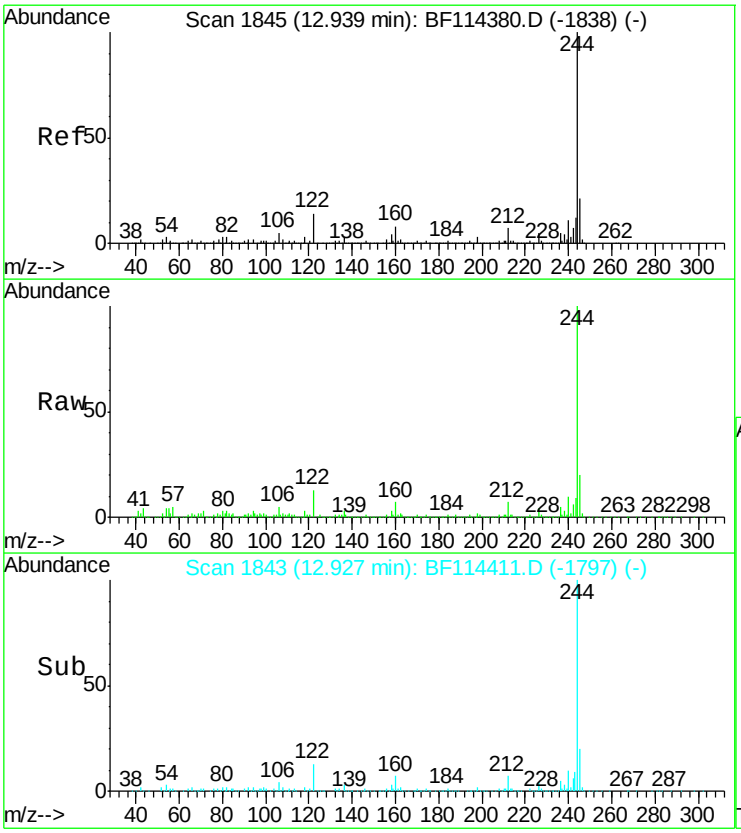
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
CINDER-BLOCK-SHED

Tgt Ion:240 Resp: 425229

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	26.8	20.8	31.2

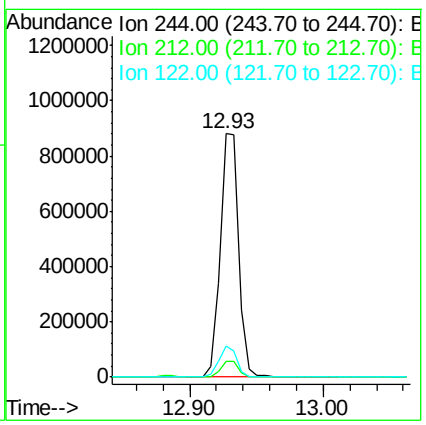


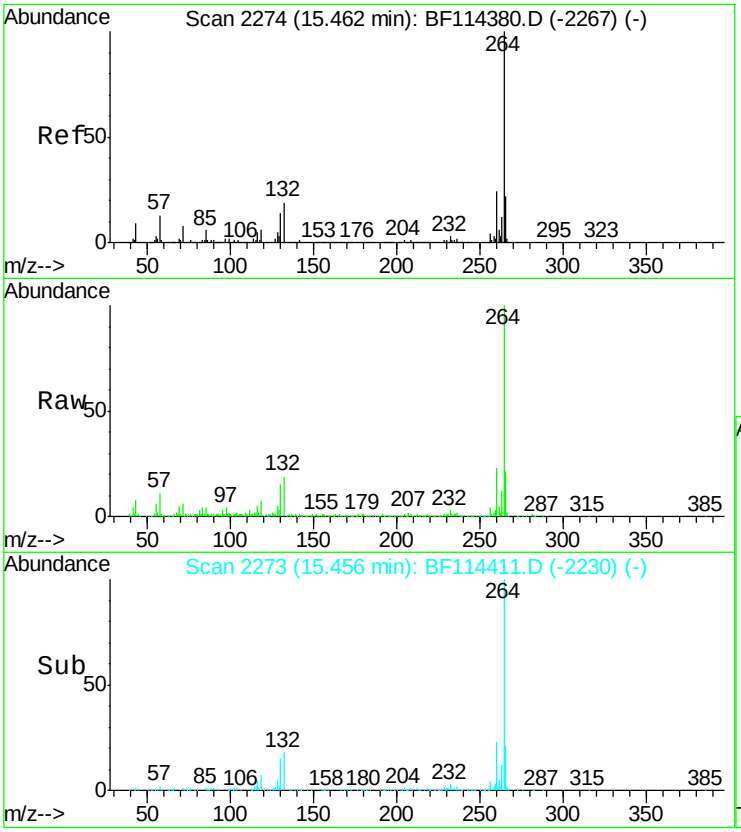


#79
Terphenyl-d14
Concen: 41.686 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Tgt Ion:244 Resp: 859899

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.9	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :
CINDER-BLOCK-SHED

Tgt Ion:264 Resp: 475674

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.3	16.9	25.3