Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114127.D
Acq On : 10 May 2019 18:22
Operator : JU/SJ
Sample : K2762-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P021-SS002-0612-01

Quant Time: May 11 04:17:00 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	6.85	152	262368	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1016928	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	541419	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1010345	20.00	ng	0.00
76) Chrysene-d12	14.00	240	655383	20.00	ng	-0.02
87) Perylene-d12	15.49	264	693993	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2146320	131.65	ng	0.00
7) Phenol-d6	6.49	99	2023644	104.95	ng	0.00
23) Nitrobenzene-d5	7.41	82	1248554	68.90	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	558177	99.72	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2391115	66.81	ng	0.00
79) Terphenyl-d14	12.95	244	1910526	60.09	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.60	163	468568	11.789	ng	99

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

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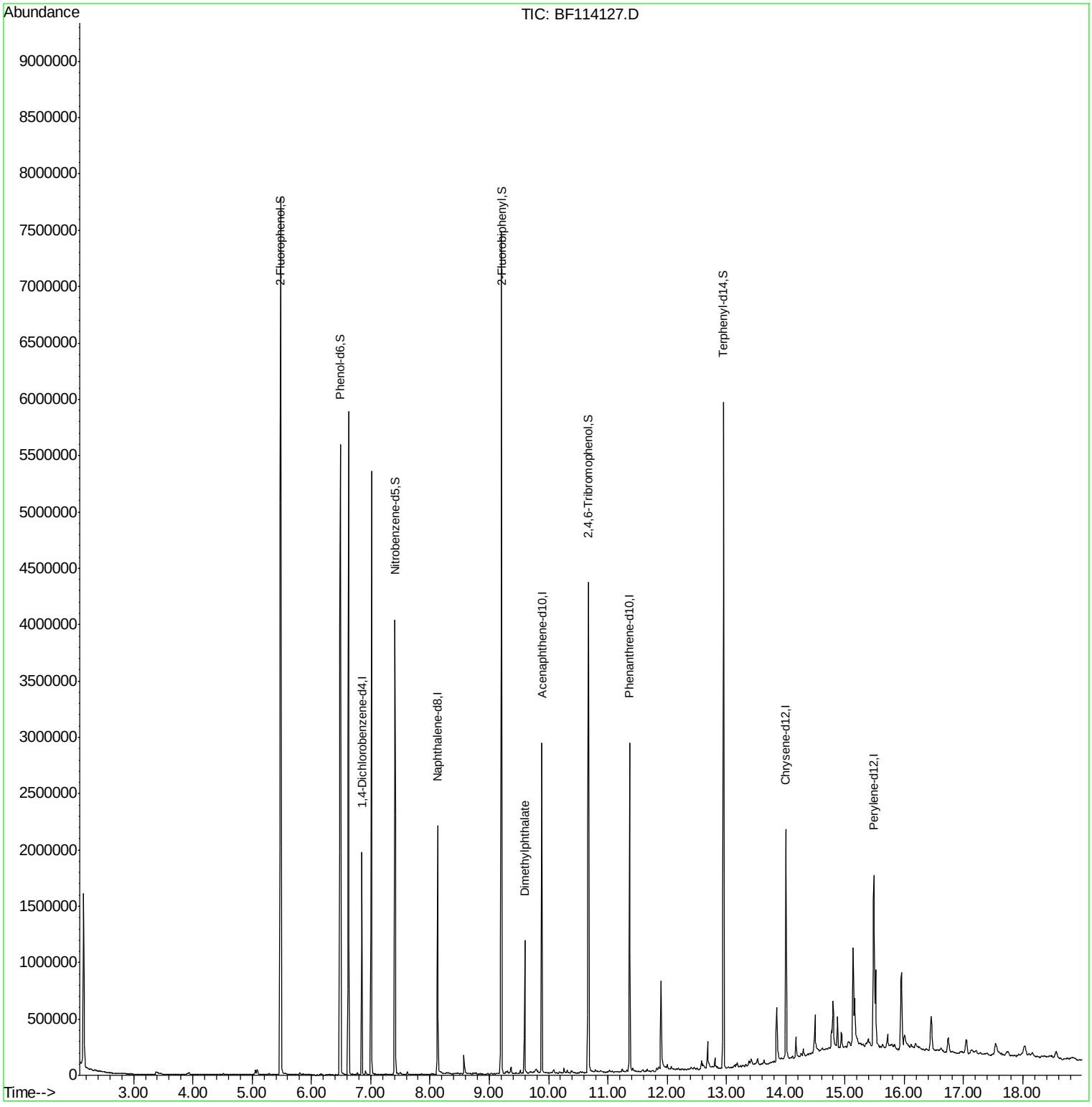
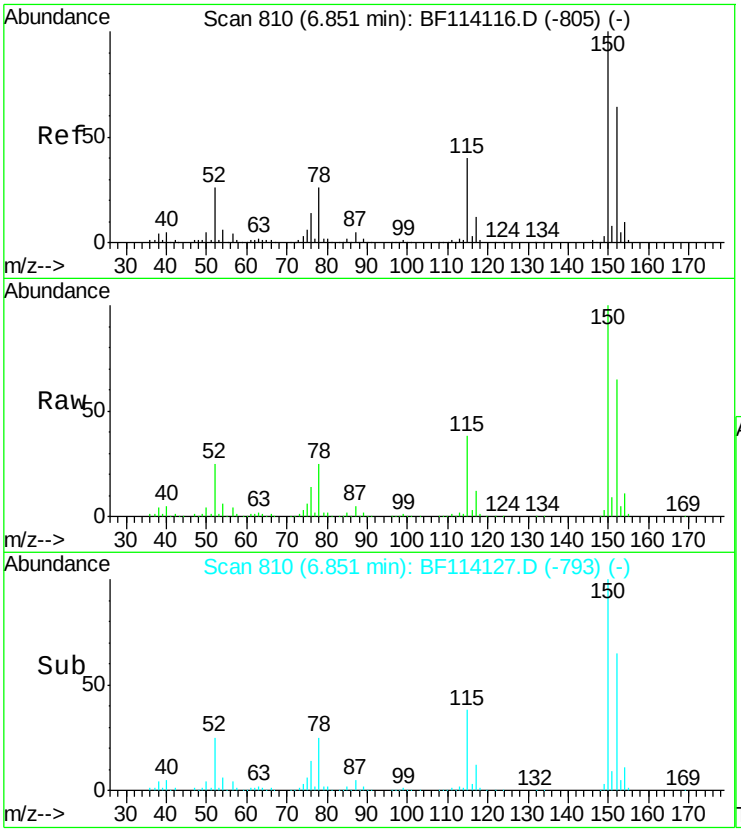


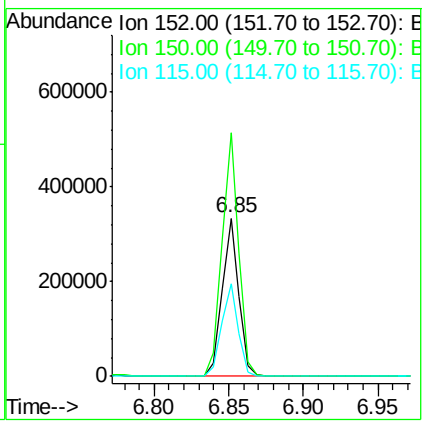


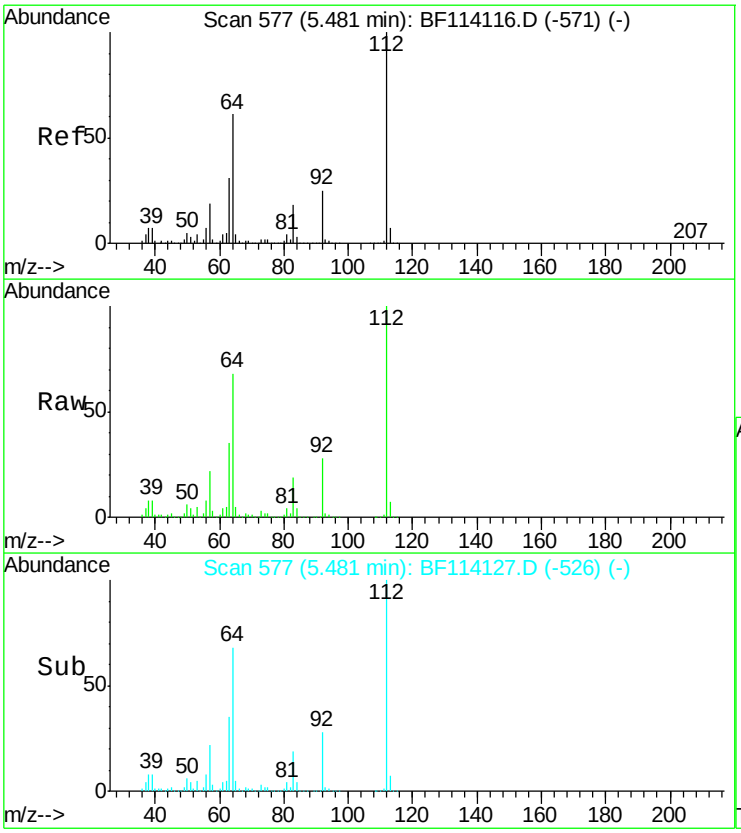
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tgt Ion:152 Resp: 262368

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.3	186.5
115	58.4	49.1	73.7

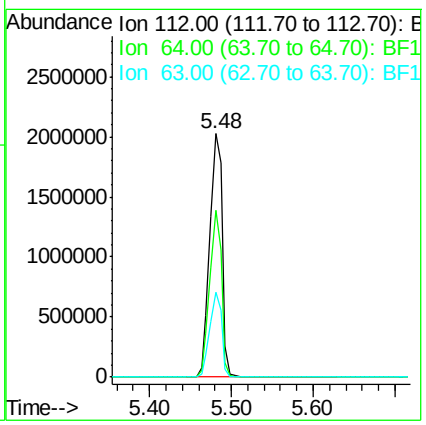


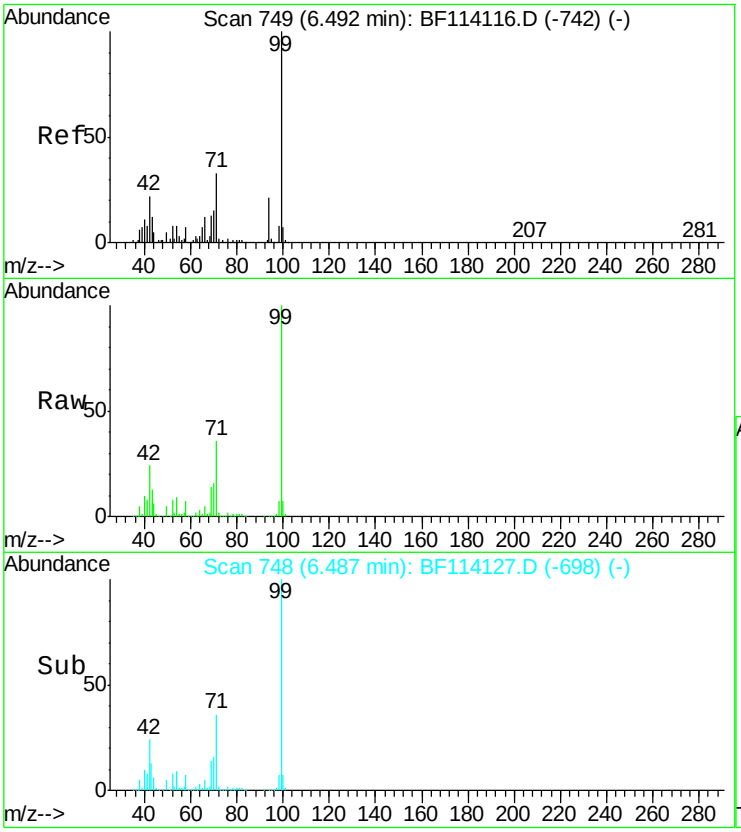


#5
2-Fluorophenol
Concen: 131.647 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Tgt Ion:112 Resp: 2146320

Ion	Ratio	Lower	Upper
112	100		
64	68.3	49.0	73.6
63	35.0	24.6	37.0



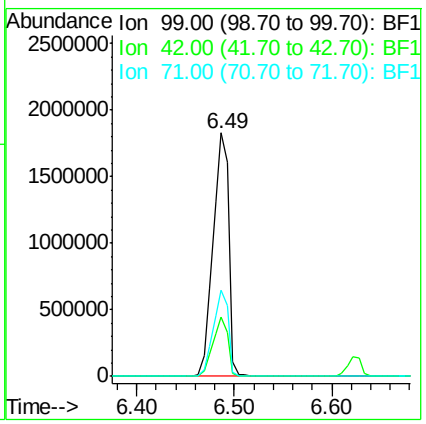


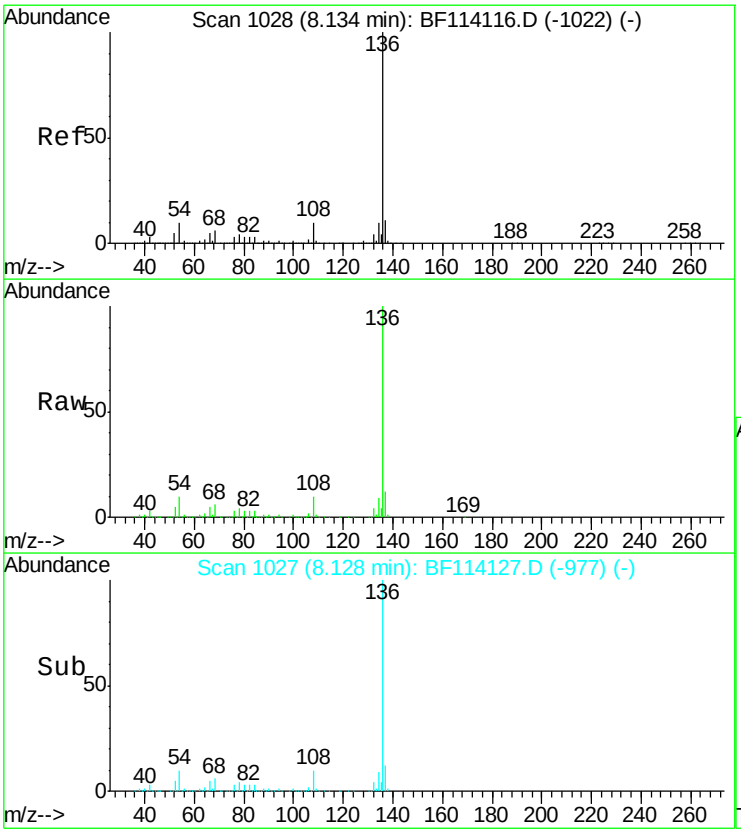
#7
Phenol-d6
Concen: 104.945 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tgt Ion: 99 Resp: 2023644

Ion	Ratio	Lower	Upper
99	100		
42	24.2	17.9	26.9
71	35.6	26.2	39.2

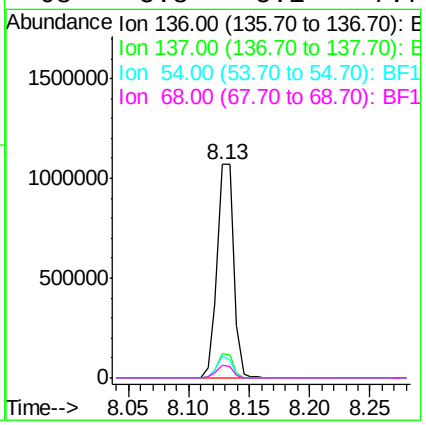


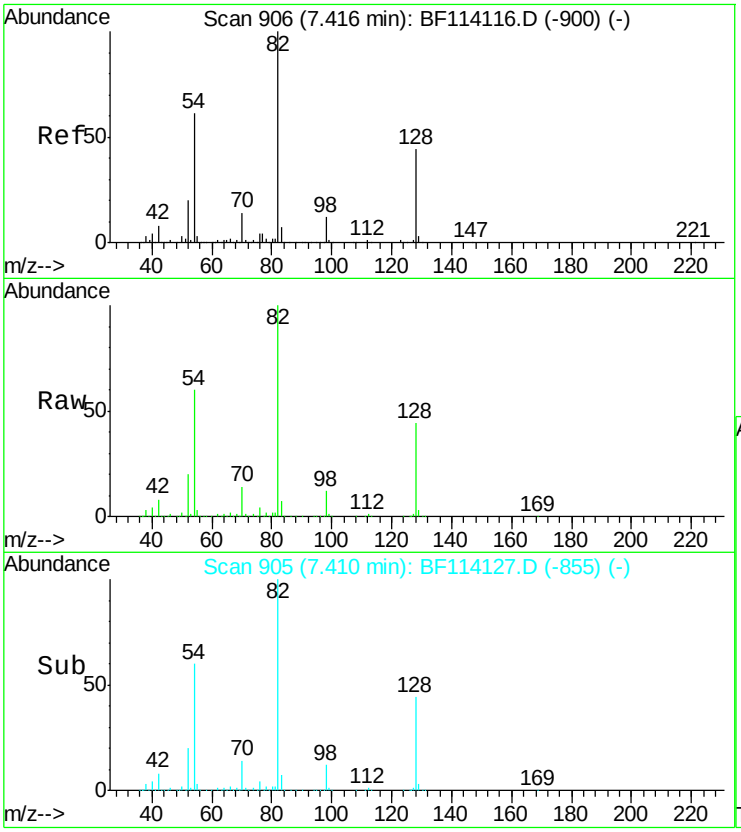


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Tgt Ion:136 Resp: 1016928

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.5	7.8	11.8
68	5.8	5.1	7.7



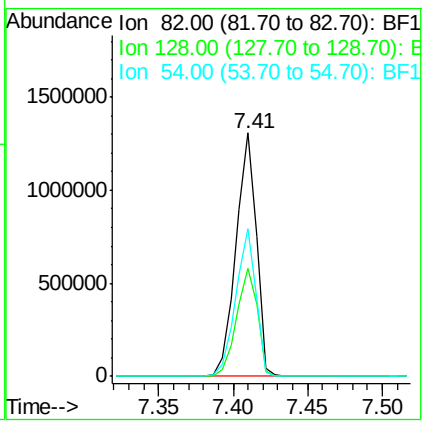


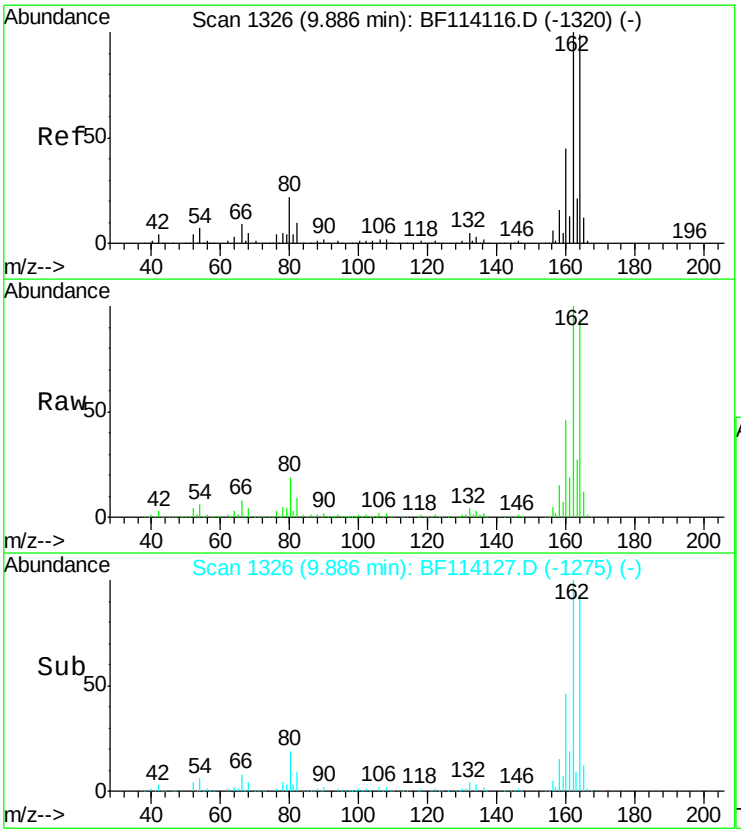
#23
Nitrobenzene-d5
Concen: 68.903 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tgt Ion: 82 Resp: 1248554

Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.5	53.3
54	60.5	48.5	72.7

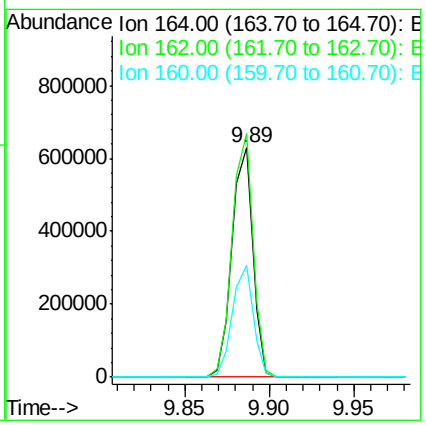


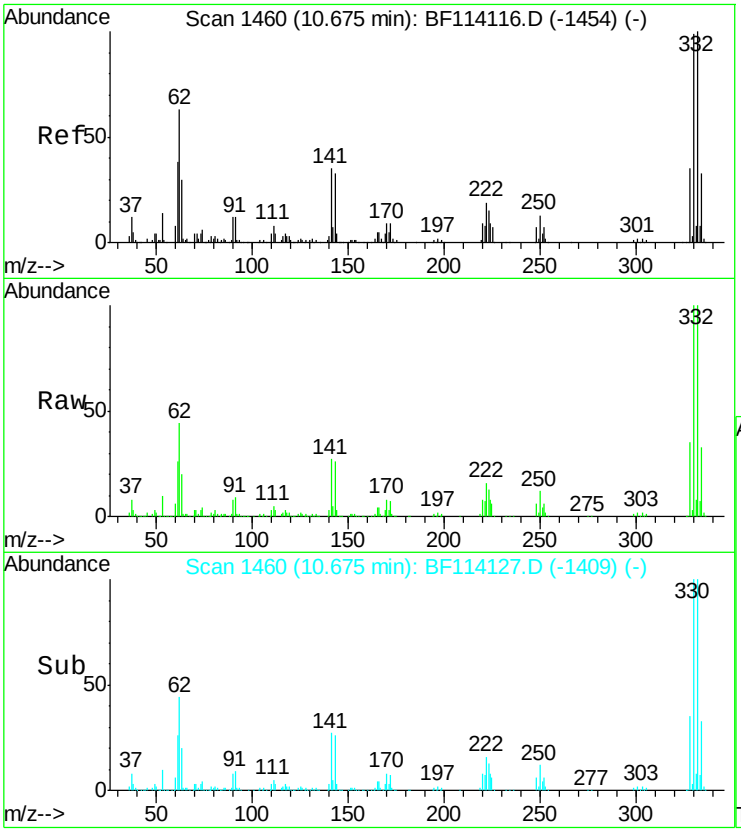


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Tgt Ion:164 Resp: 541419

Ion	Ratio	Lower	Upper
164	100		
162	106.2	80.6	120.8
160	48.7	36.5	54.7



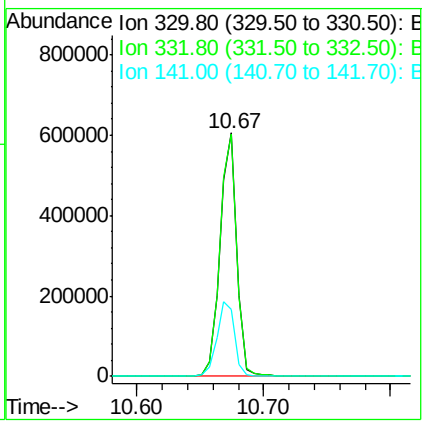


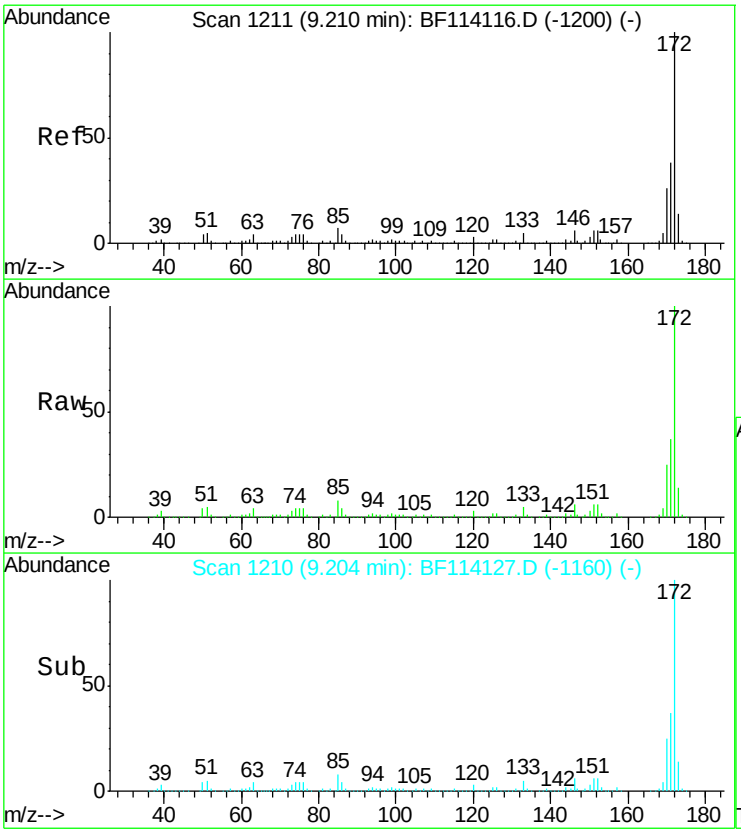
#42
2,4,6-Tribromophenol
Concen: 99.721 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tgt Ion:330 Resp: 558177

Ion	Ratio	Lower	Upper
330	100		
332	100.5	81.4	122.2
141	32.6	26.6	40.0

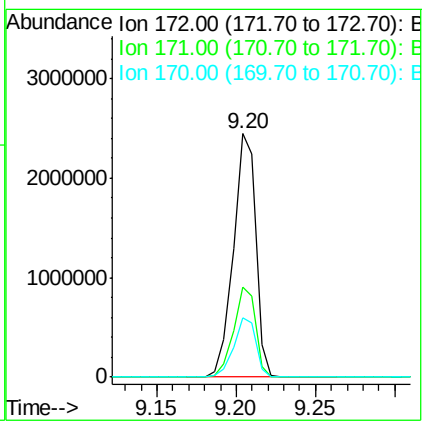


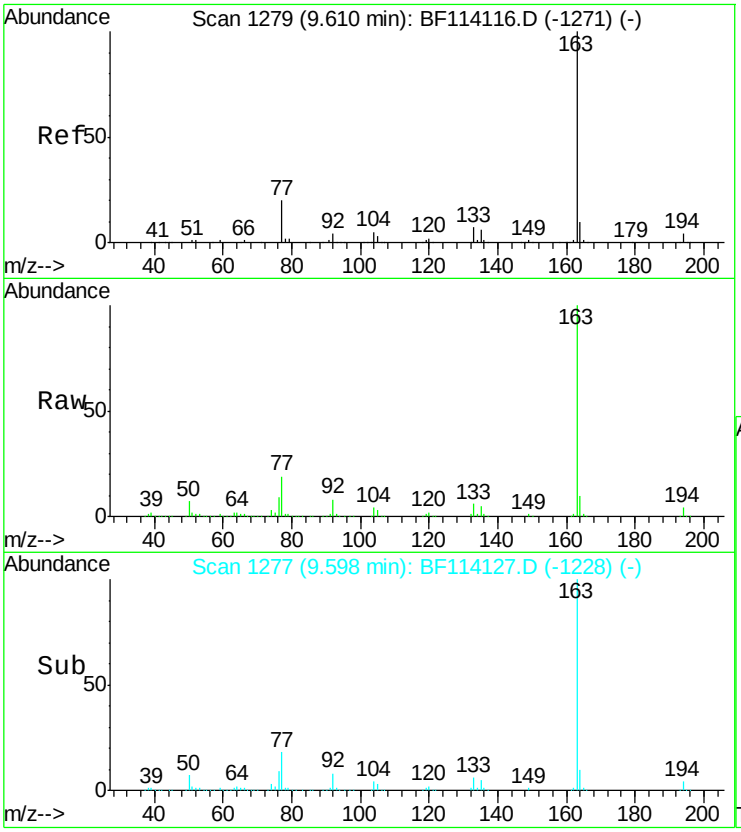


#45
2-Fluorobiphenyl
Concen: 66.805 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Tgt Ion:172 Resp: 2391115

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.7	46.1
170	24.6	20.5	30.7



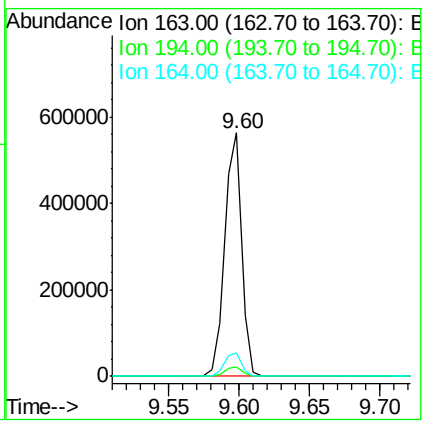


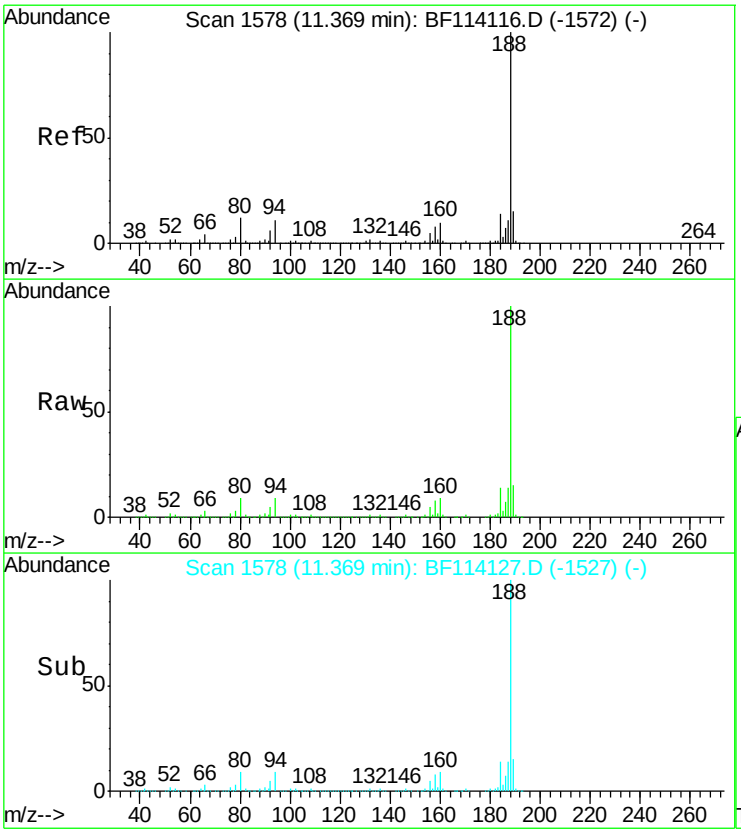
#50
Dimethylphthalate
Concen: 11.789 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tgt Ion:163 Resp: 468568

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

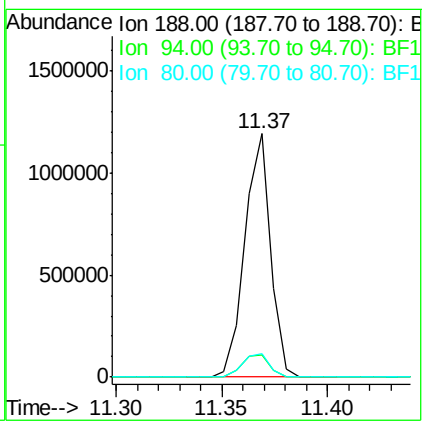


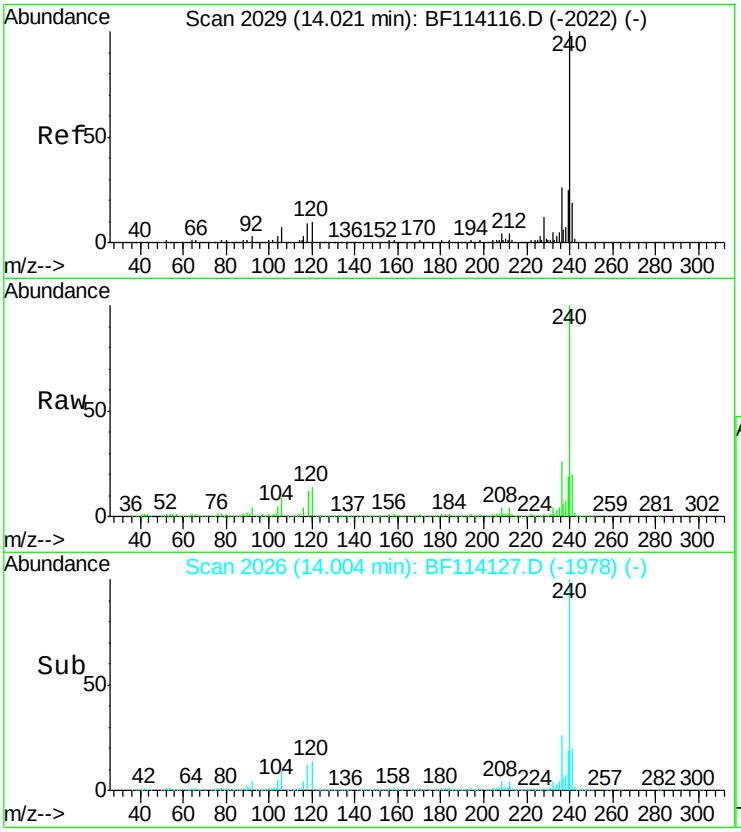


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Tgt Ion:188 Resp: 1010345

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.4	12.6
80	9.5	9.2	13.8



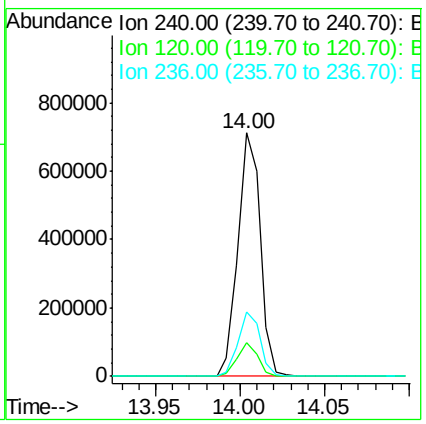


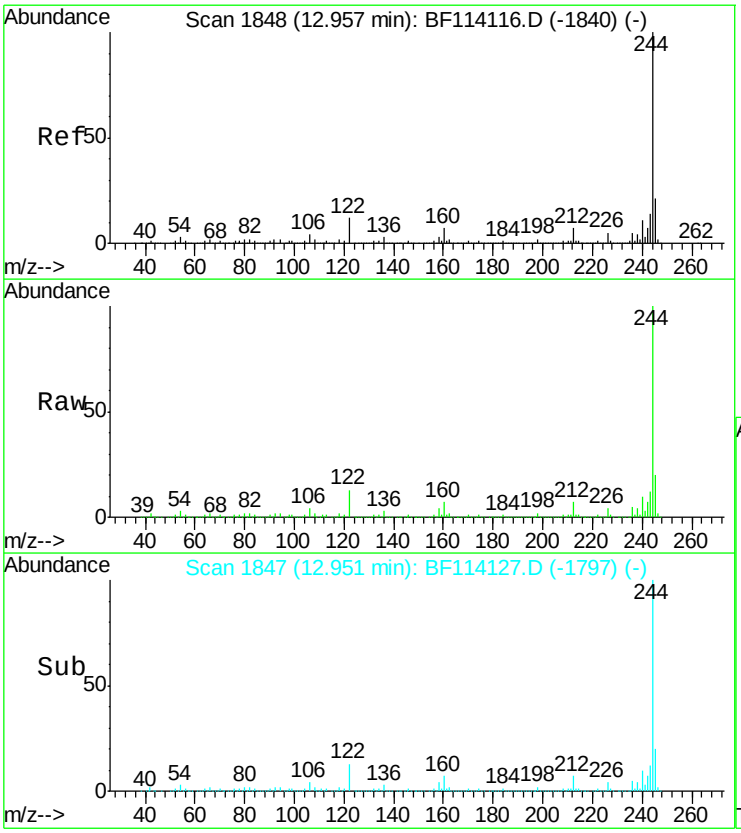
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tgt Ion:240 Resp: 655383

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	26.3	20.8	31.2

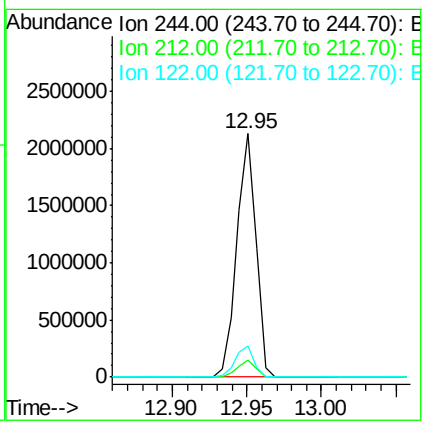


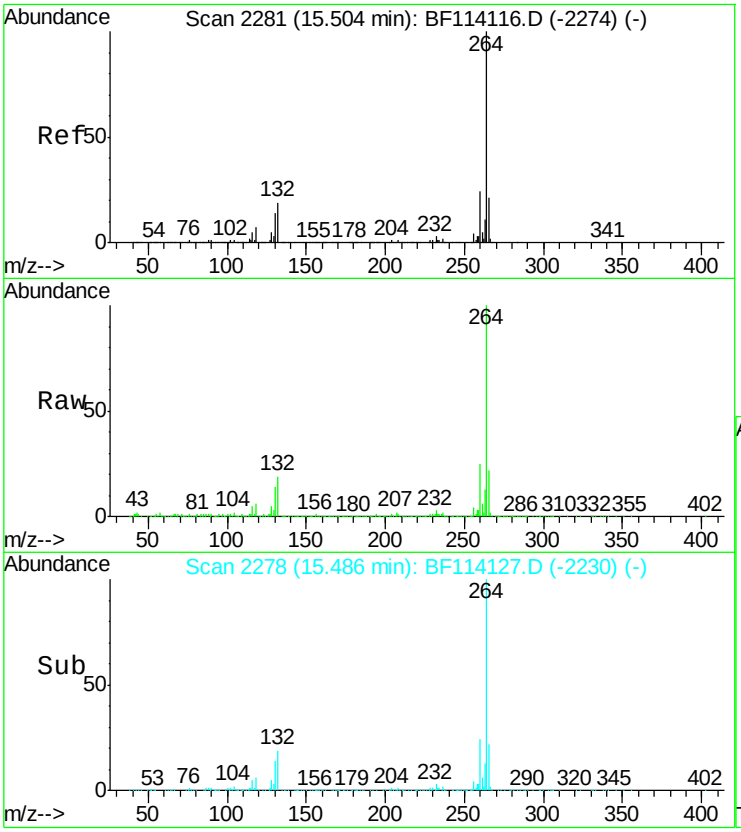


#79
Terphenyl-d14
Concen: 60.093 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Tgt Ion:244 Resp: 1910526

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.9	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF114127.D
Acq: 10 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
P021-SS002-0612-01

Tgt Ion:264 Resp: 693993

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.7	16.9	25.3