Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116135.D
Acq On : 10 Aug 2019 1:42
Operator : HP/JU
Sample : K4092-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-080719-C

Quant Time: Aug 10 06:55:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122672	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	453575	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	221437	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	339632	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	268088	20.00	ng	0.00
87) Perylene-d12	15.47	264	299143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	808591	110.35	ng	0.00
7) Phenol-d6	6.48	99	912608	98.71	ng	0.00
23) Nitrobenzene-d5	7.40	82	748491	95.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	262246	122.15	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1268843	107.33	ng	-0.01
79) Terphenyl-d14	12.94	244	1131979	88.97	ng	-0.01
Target Compounds						Qvalue

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

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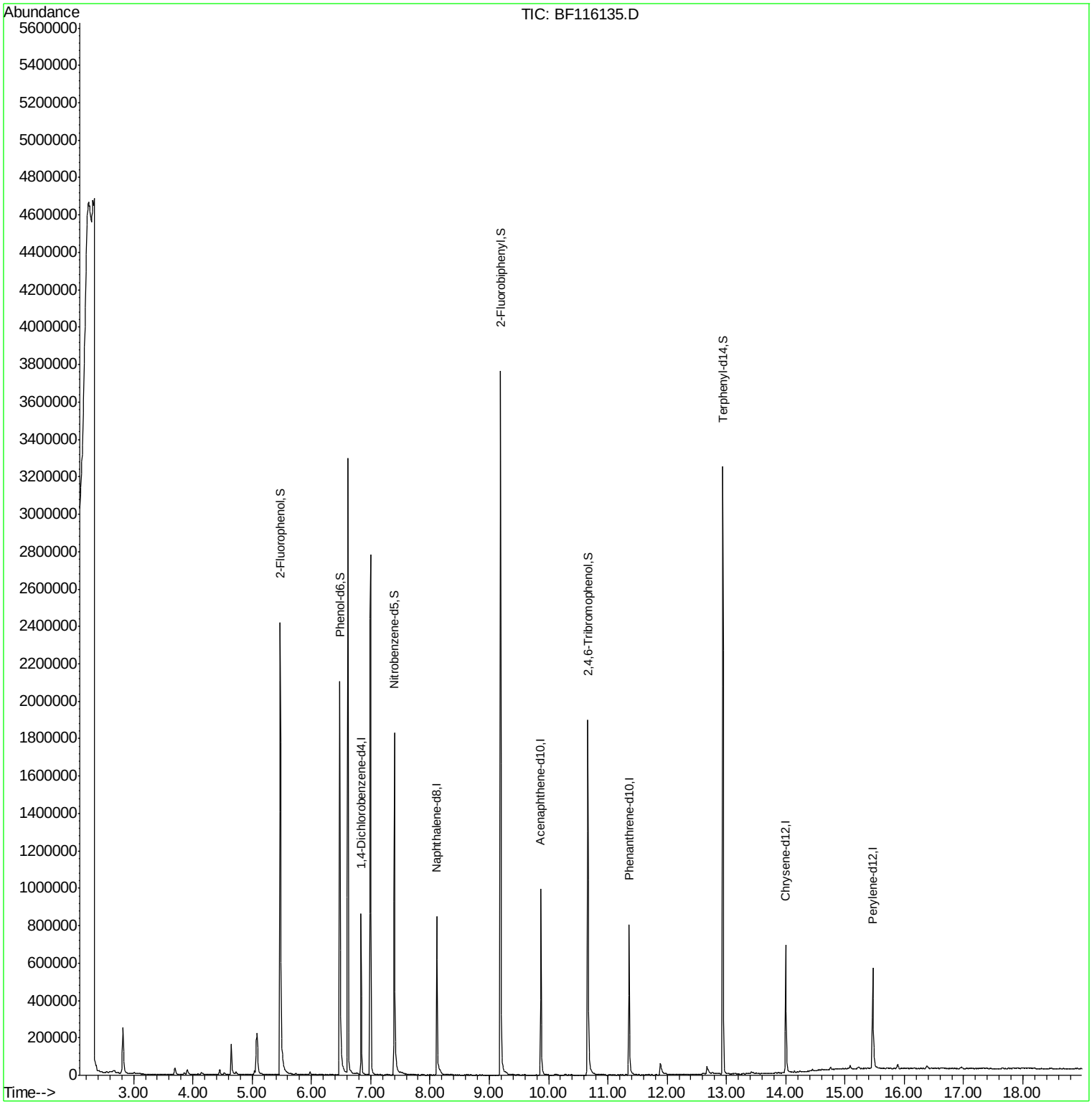
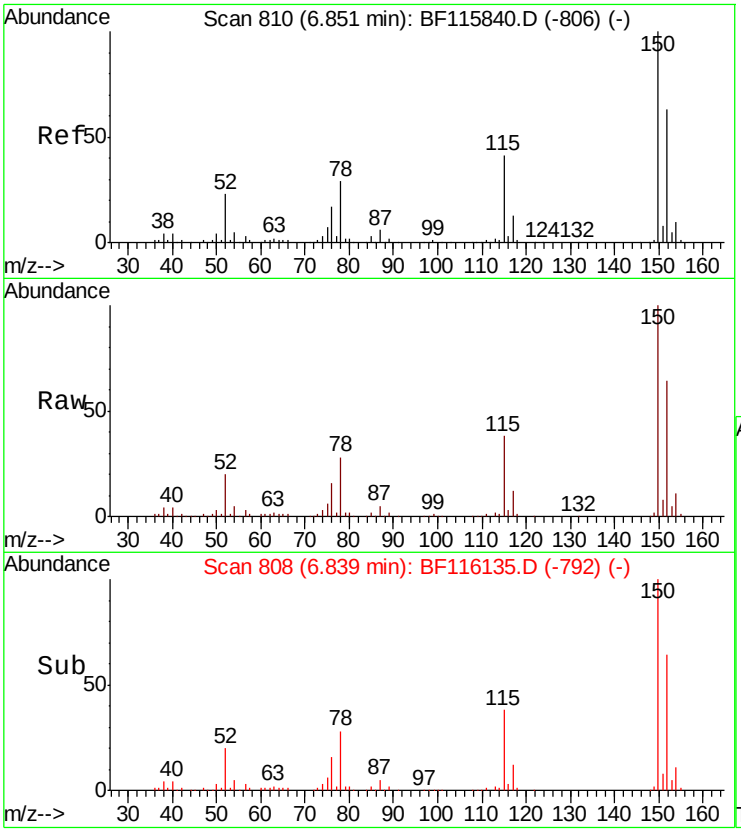


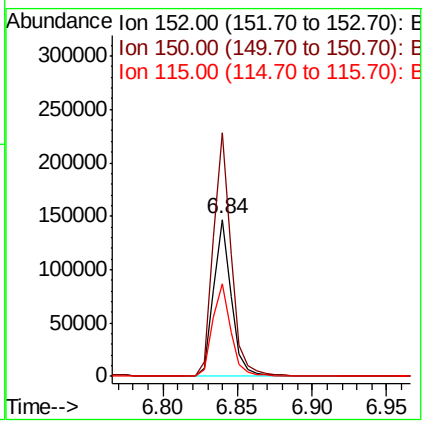


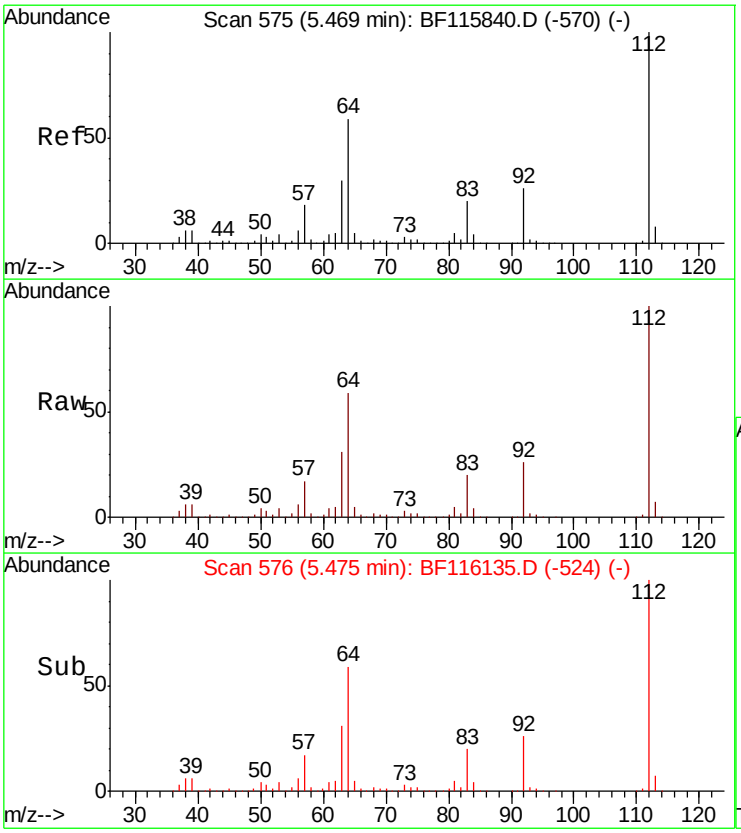
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tgt Ion:152 Resp: 122672

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	59.3	49.9	74.9

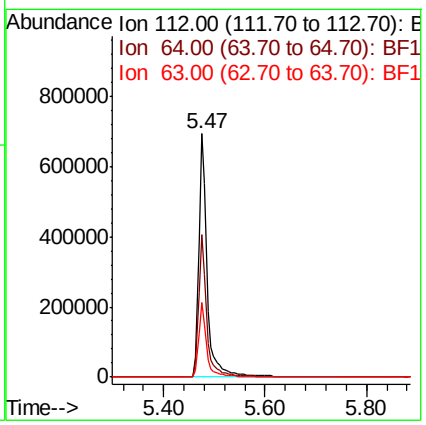


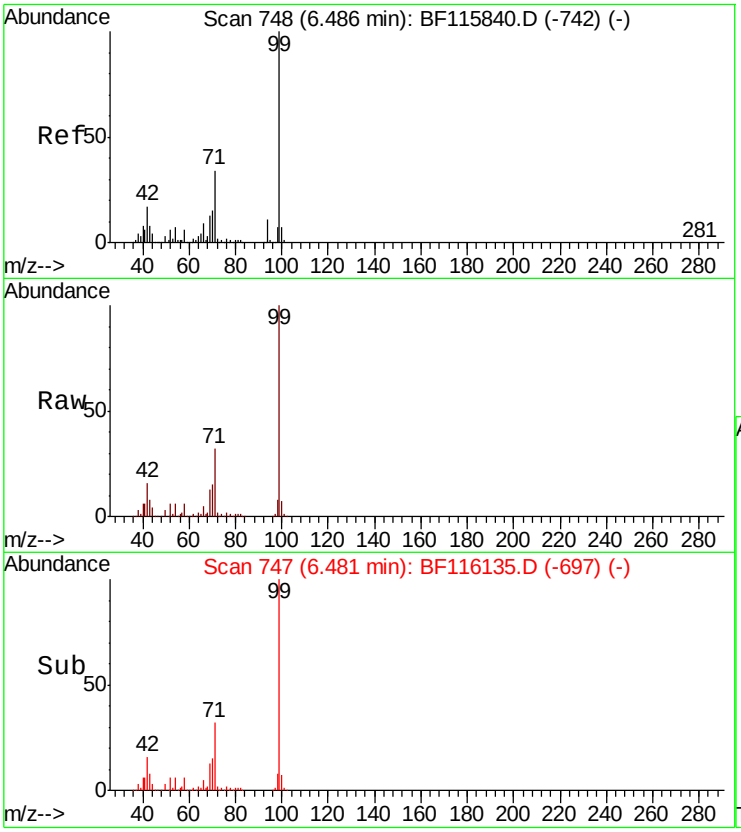


#5
2-Fluorophenol
Concen: 110.346 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Tgt Ion:112 Resp: 808591

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.4	68.2
63	30.8	23.7	35.5



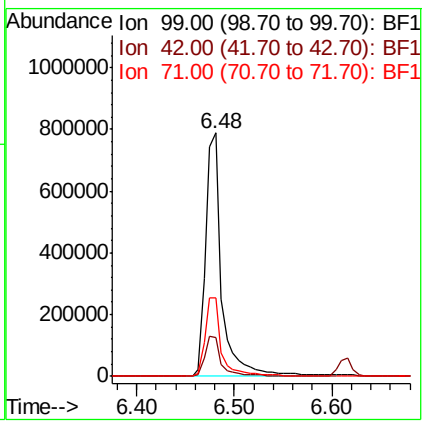


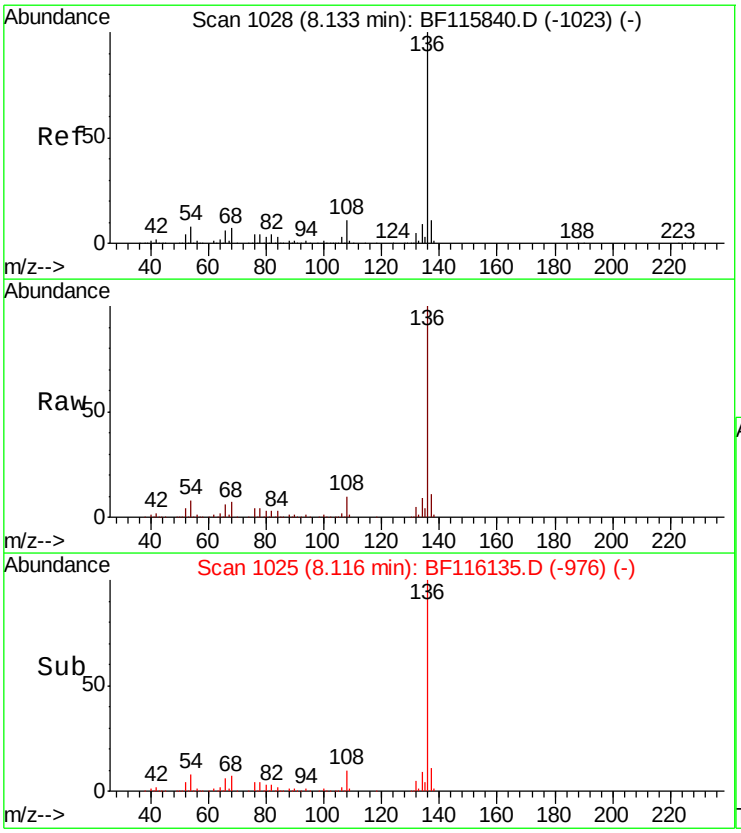
#7
Phenol-d6
Concen: 98.710 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tgt Ion: 99 Resp: 912608

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.8	20.8
71	32.1	27.3	40.9

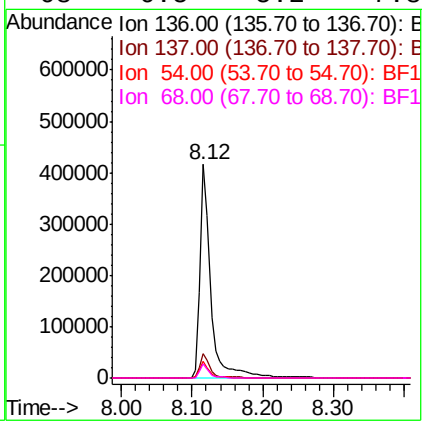


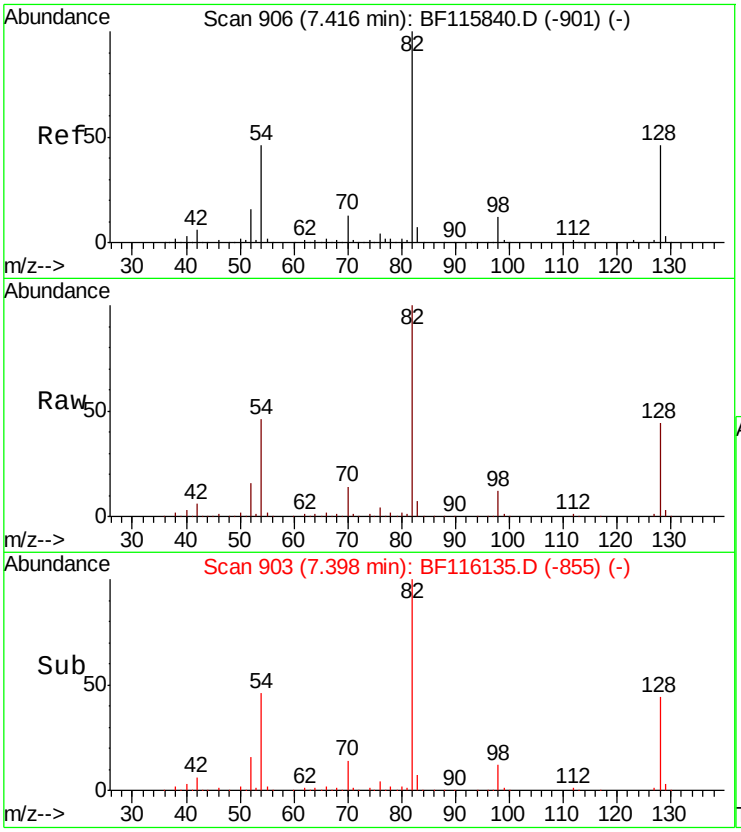


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Tgt Ion:136 Resp: 453575

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.5	5.8	8.6
68	6.5	5.2	7.8



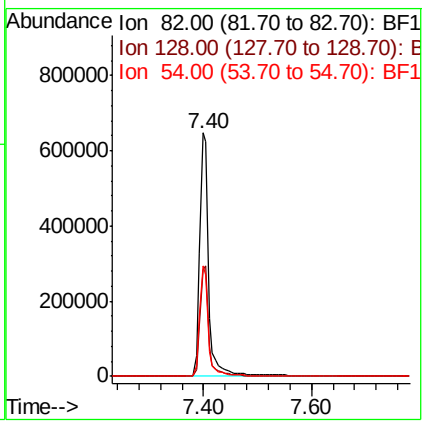


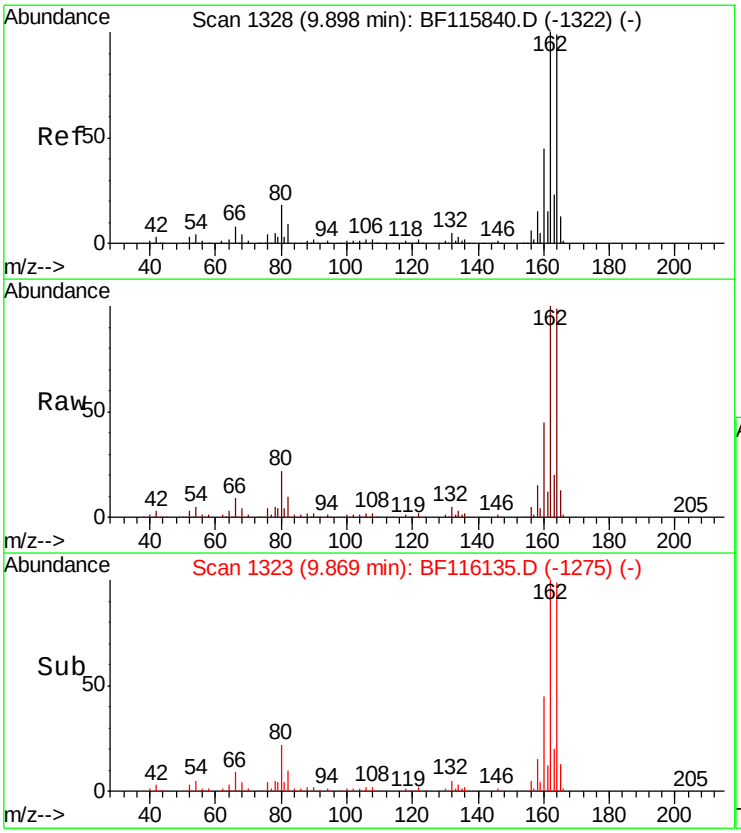
#23
Nitrobenzene-d5
Concen: 95.255 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tgt Ion: 82 Resp: 748491

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.5	54.7
54	45.6	36.0	54.0

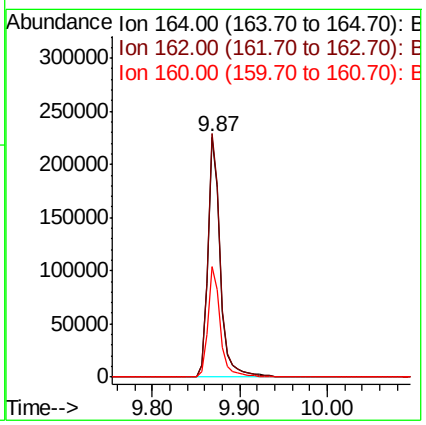


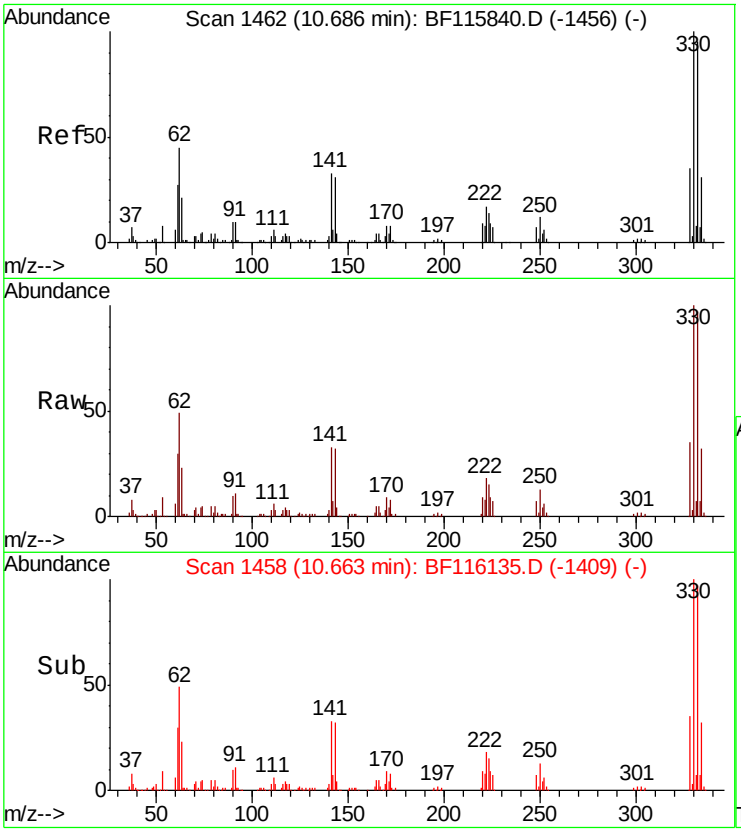


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Tgt Ion:164 Resp: 221437

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	124.0
160	46.0	37.6	56.4



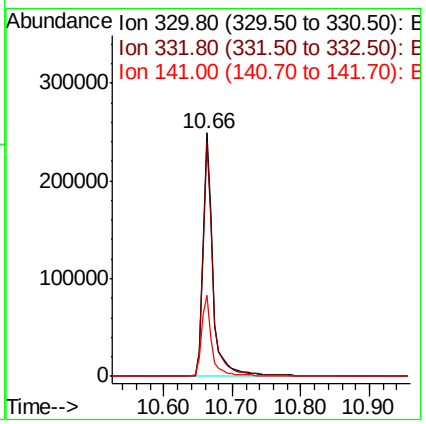


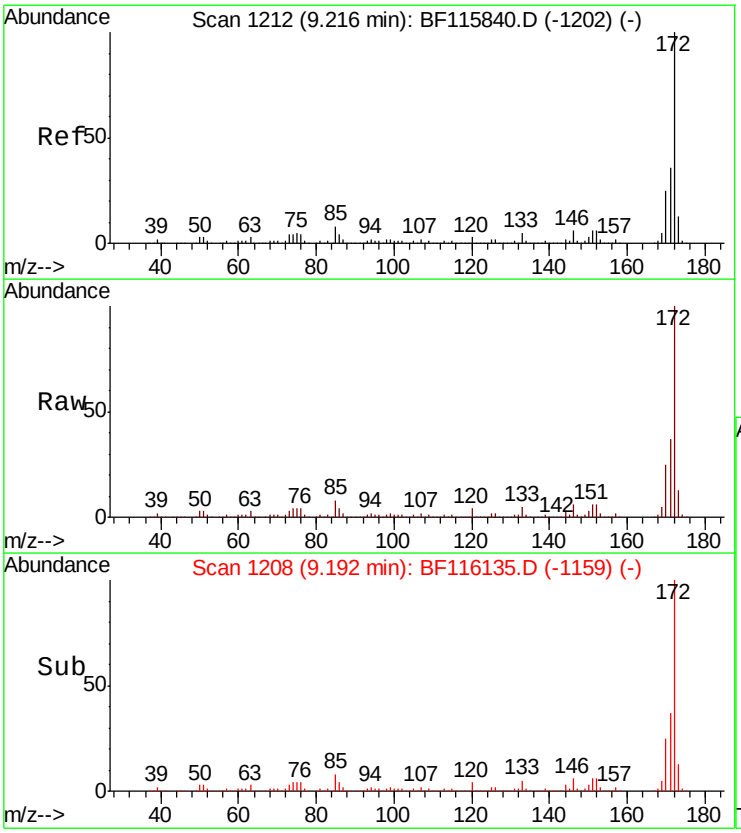
#42
2,4,6-Tribromophenol
Concen: 122.151 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tgt Ion:330 Resp: 262246

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	34.3	26.3	39.5

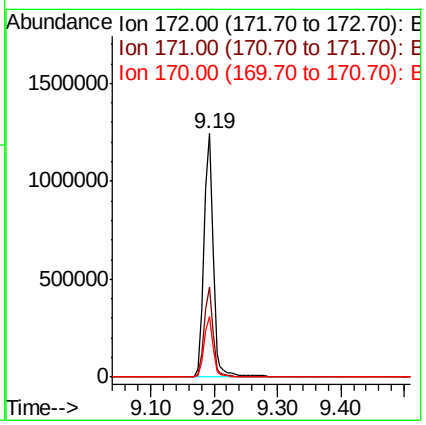


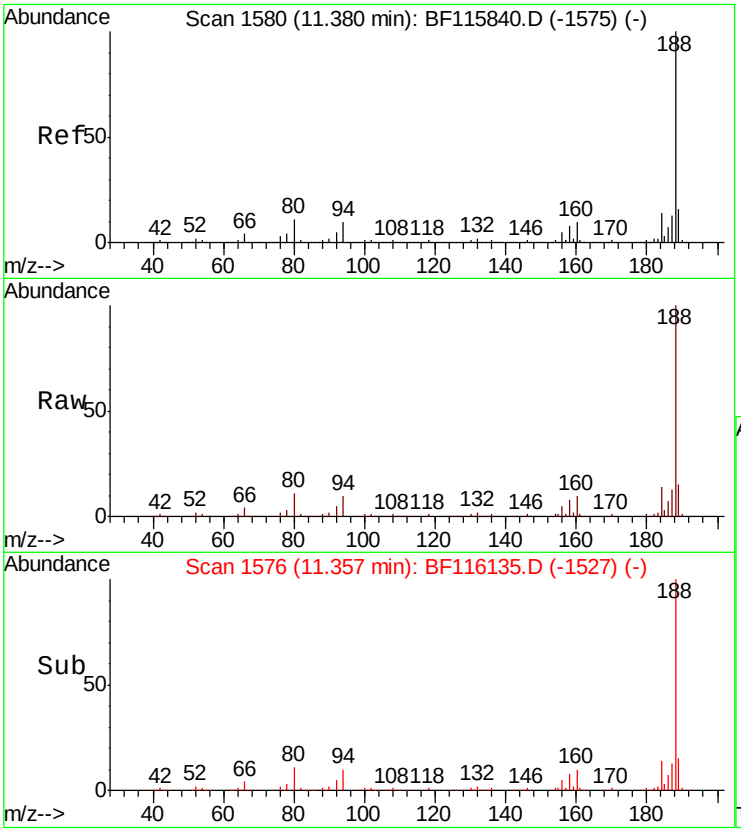


#45
2-Fluorobiphenyl
Concen: 107.328 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Tgt Ion:172 Resp: 1268843

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.9	20.1	30.1



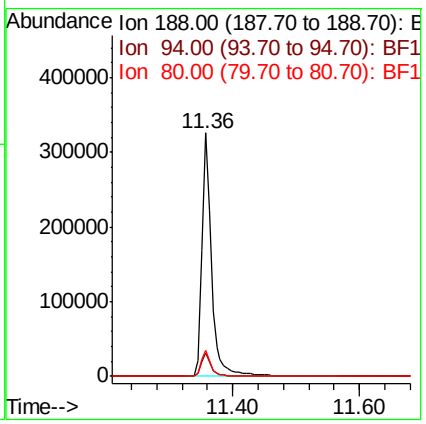


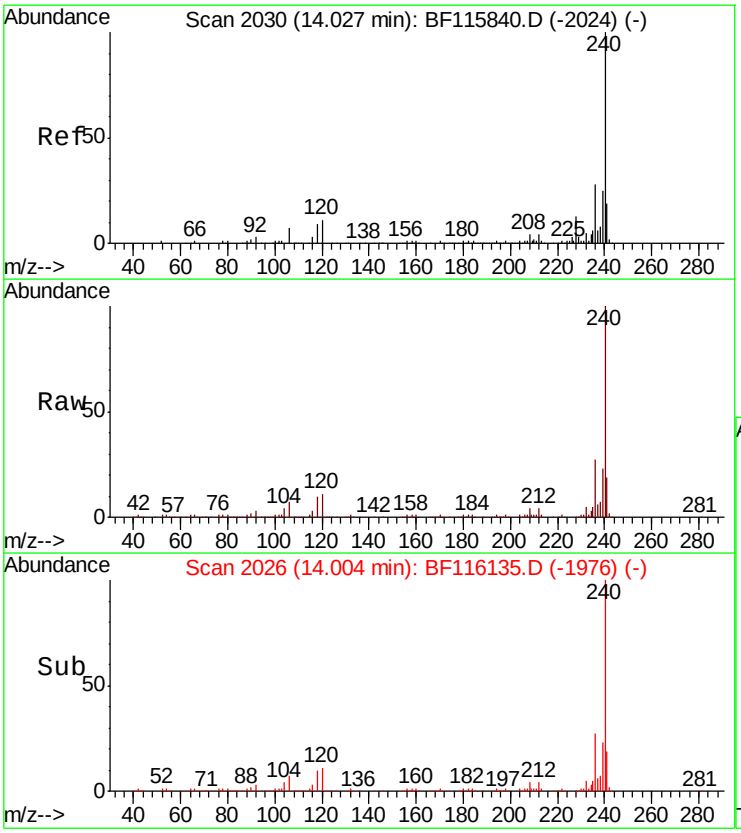
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tgt Ion:188 Resp: 339632

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.6	8.7	13.1

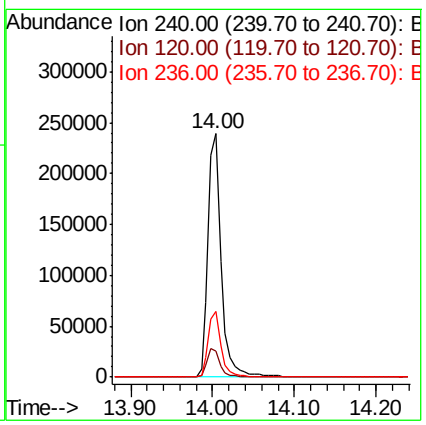


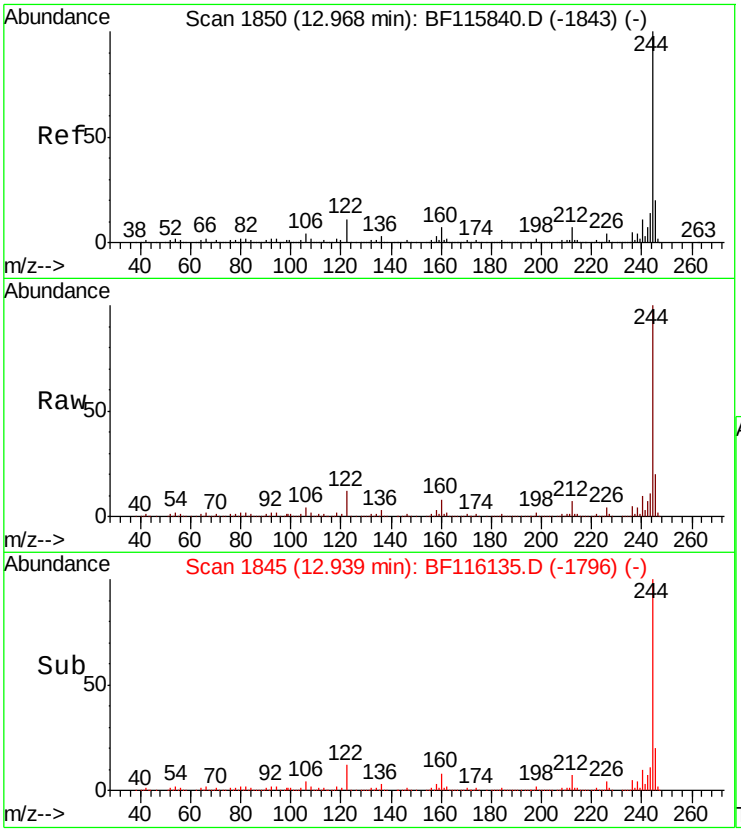


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Tgt Ion:240 Resp: 268088

Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.7	16.1
236	26.7	22.2	33.2



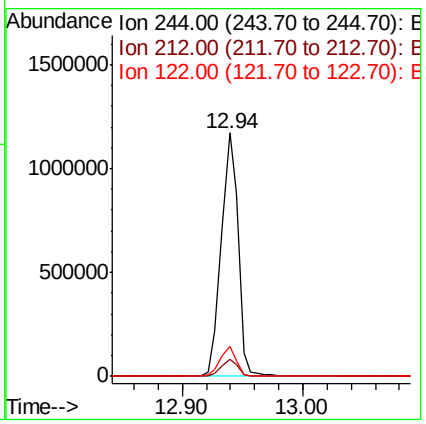


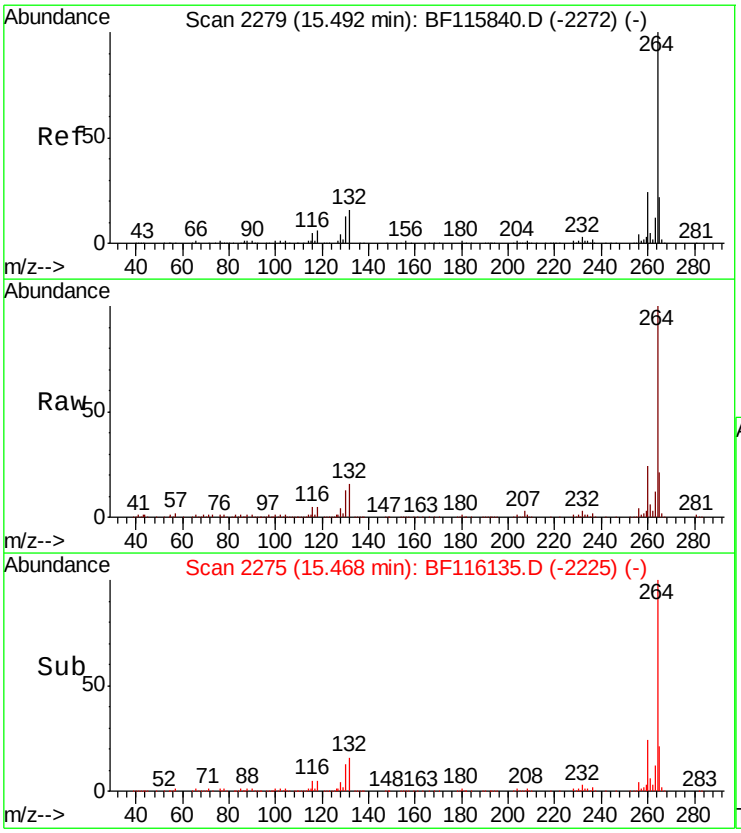
#79
Terphenyl-d14
Concen: 88.973 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Instrument :
BNA_F
ClientSampleId :
EO-01-080719-C

Tgt Ion:244 Resp: 1131979

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116135.D
Acq: 10 Aug 2019 1:42

Tgt Ion:264 Resp: 299143

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.3	17.4	26.0