Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\

Quantitation Report (Not Reviewed)

Data File : BF116345.D
Acq On : 17 Aug 2019 3:58
Operator : HP/JU
Sample : K4090-09 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-081519

Quant Time: Aug 17 05:15:24 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	6.82	152	133856	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	536199	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	262856	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	395268	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	260656	20.00	ng	-0.03
87) Perylene-d12	15.43	264	294768	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	53196	6.65	ng	0.00
7) Phenol-d6	6.48	99	72316	7.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	46935	5.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	12545	4.92	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	95643	6.82	ng	-0.03
79) Terphenyl-d14	12.92	244	74773	6.04	ng	-0.04
Target Compounds						Qvalue
25) Isophorone	7.40	82	46935	2.642	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	33114	8.514	ng	# 28
57) 2,4-Dinitrotoluene	9.85	165	33114	6.395	ng	# 20

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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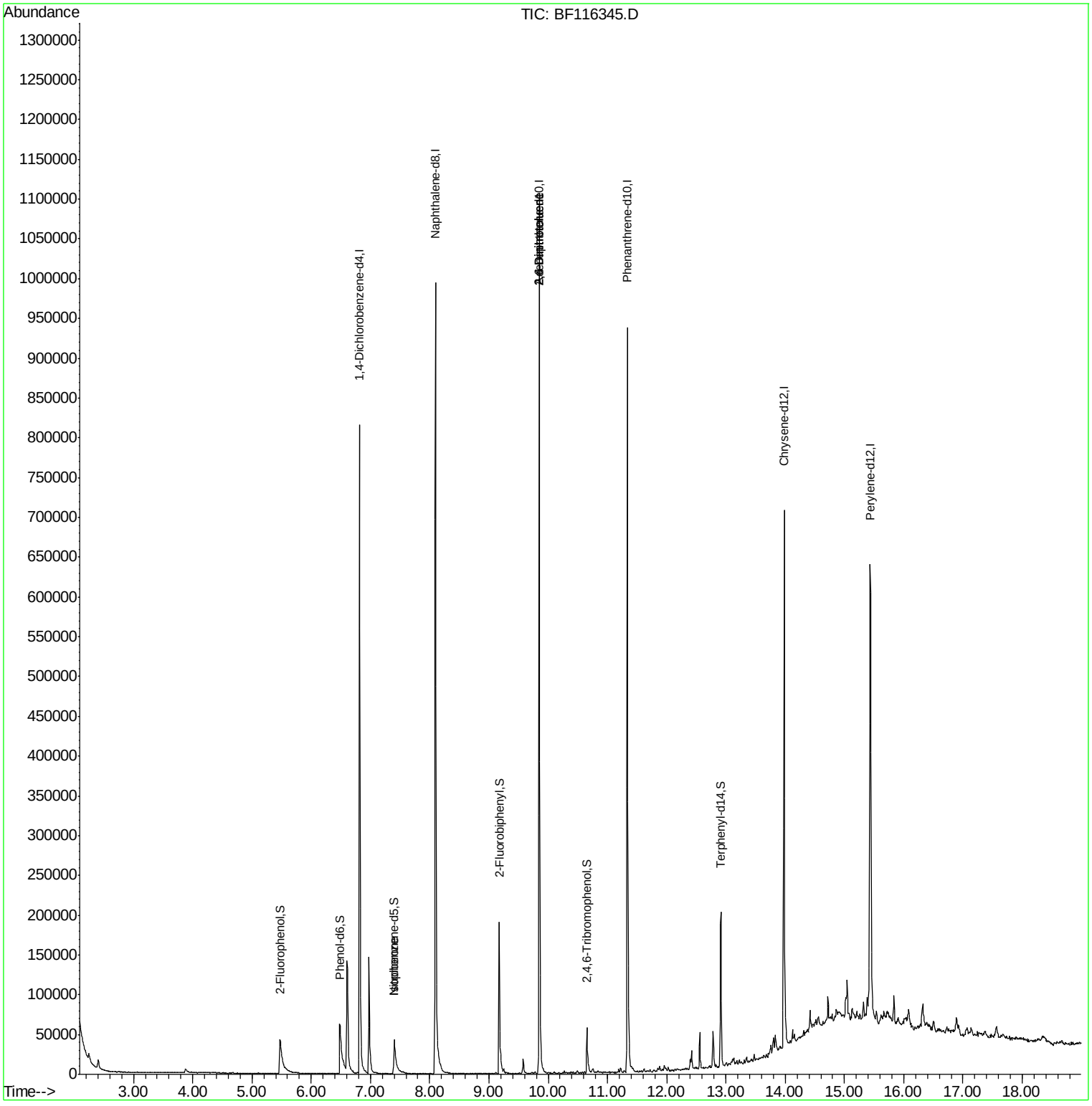
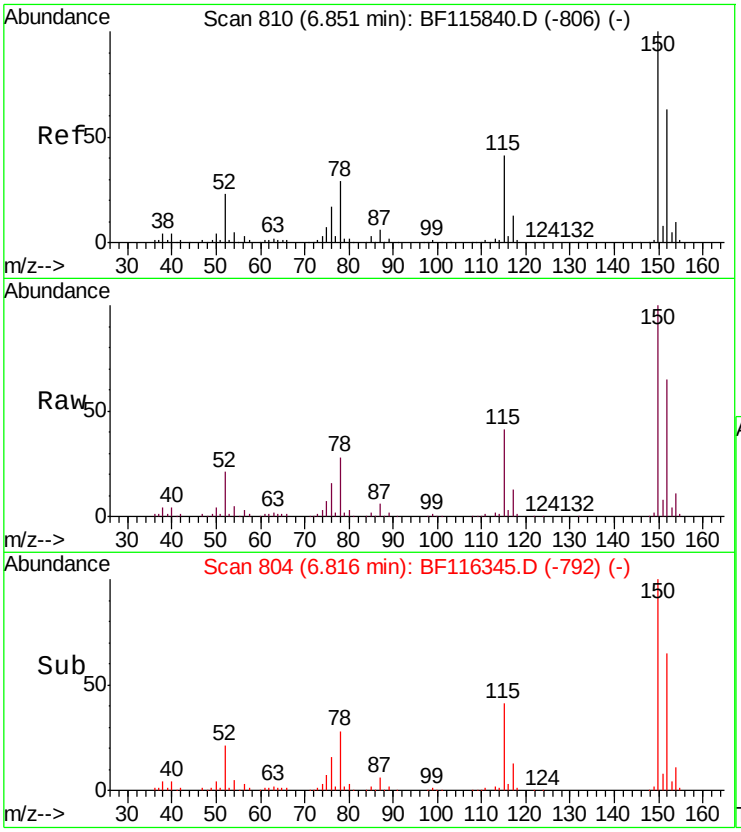


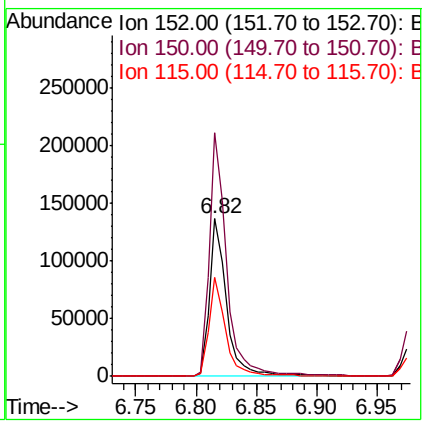


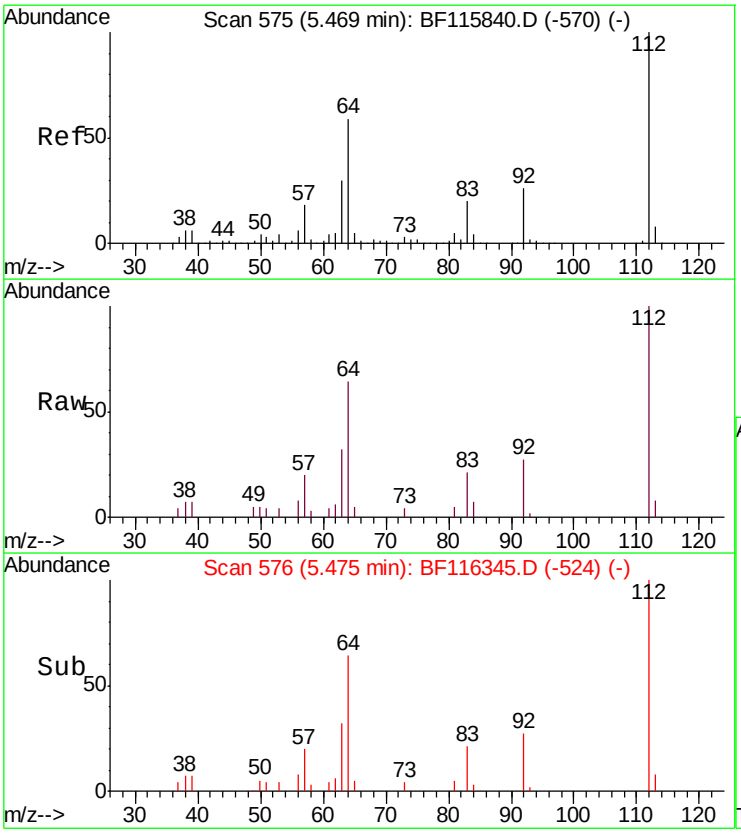
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion:152 Resp: 133856

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	63.1	49.9	74.9

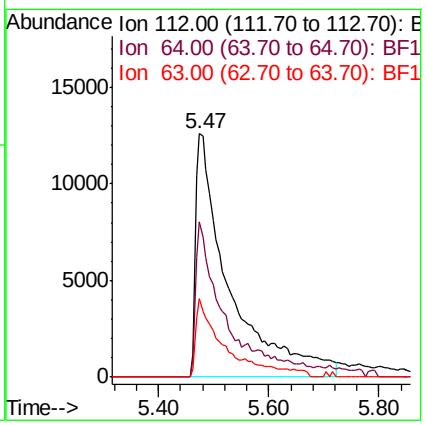


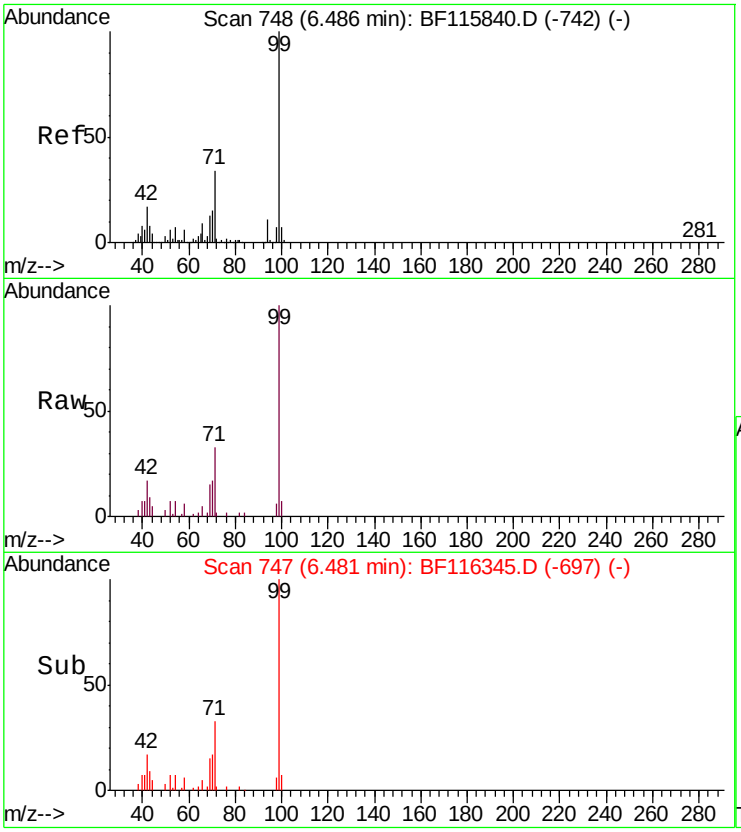


#5
2-Fluorophenol
Concen: 6.653 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:112 Resp: 53196

Ion	Ratio	Lower	Upper
112	100		
64	64.0	45.4	68.2
63	32.3	23.7	35.5



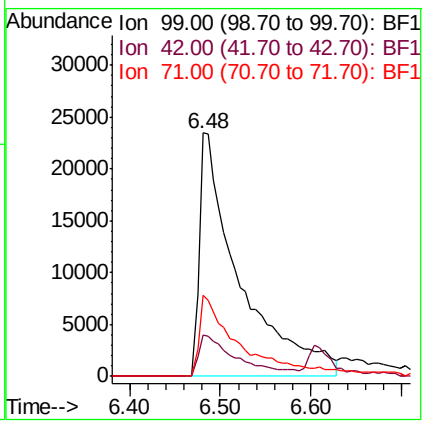


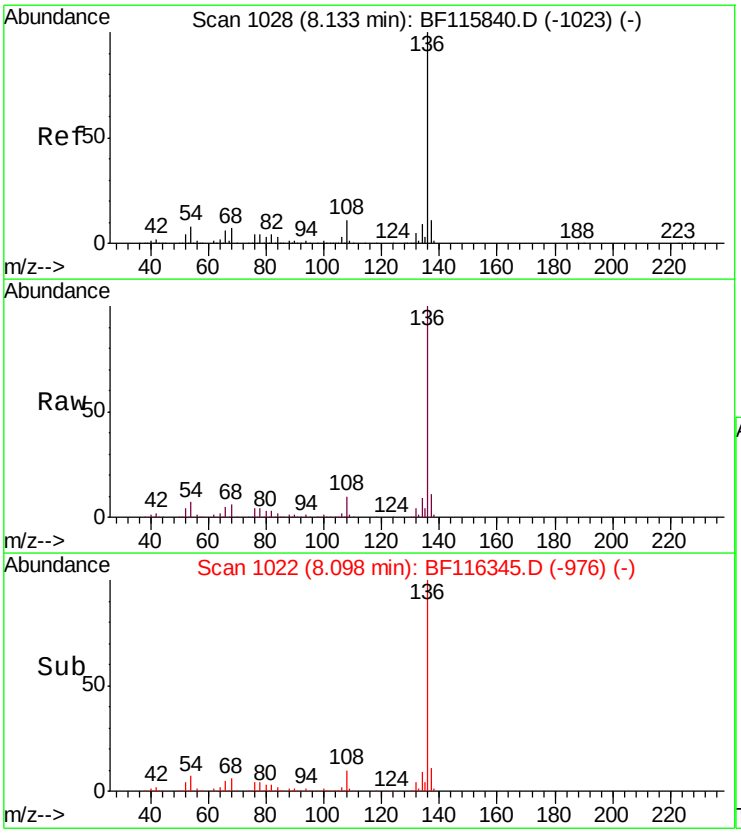
#7
Phenol-d6
Concen: 7.168 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion: 99 Resp: 72316

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	33.1	27.3	40.9

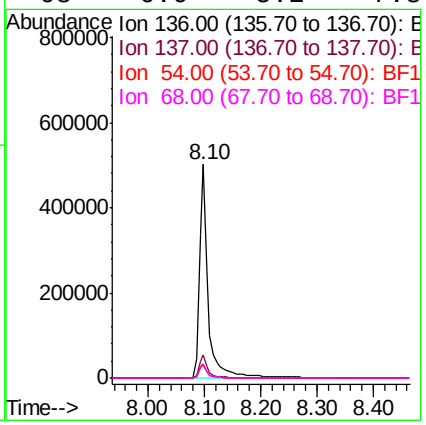


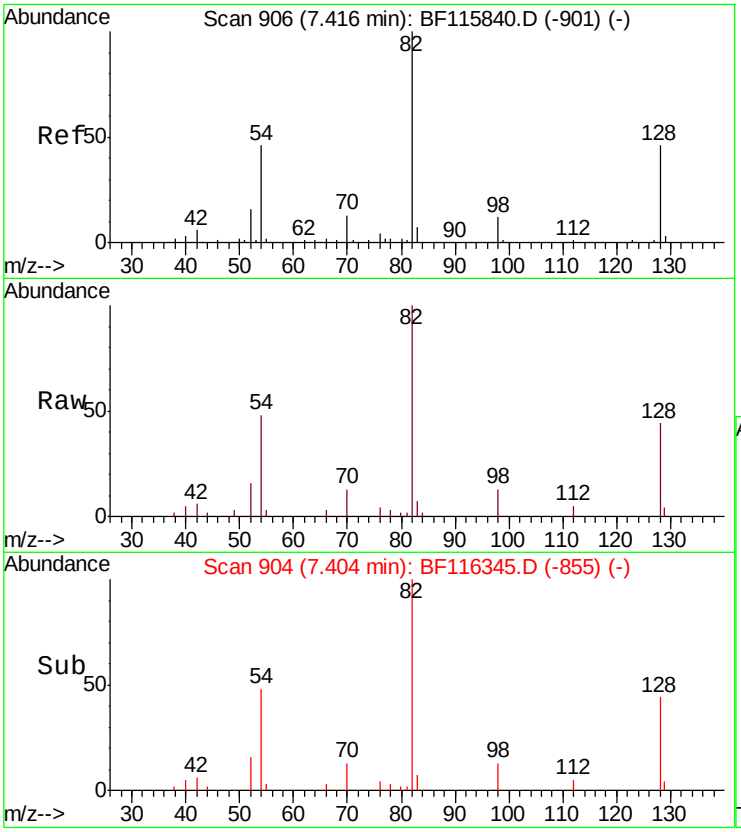


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:136 Resp: 536199

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.8	8.6
68	6.0	5.2	7.8



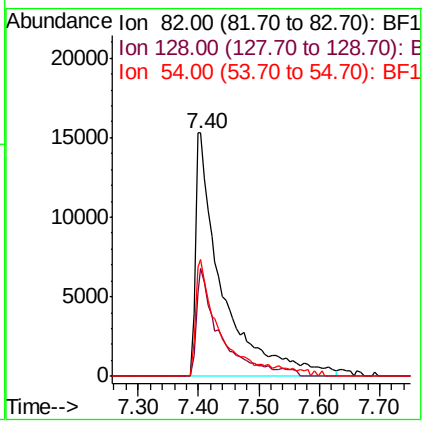


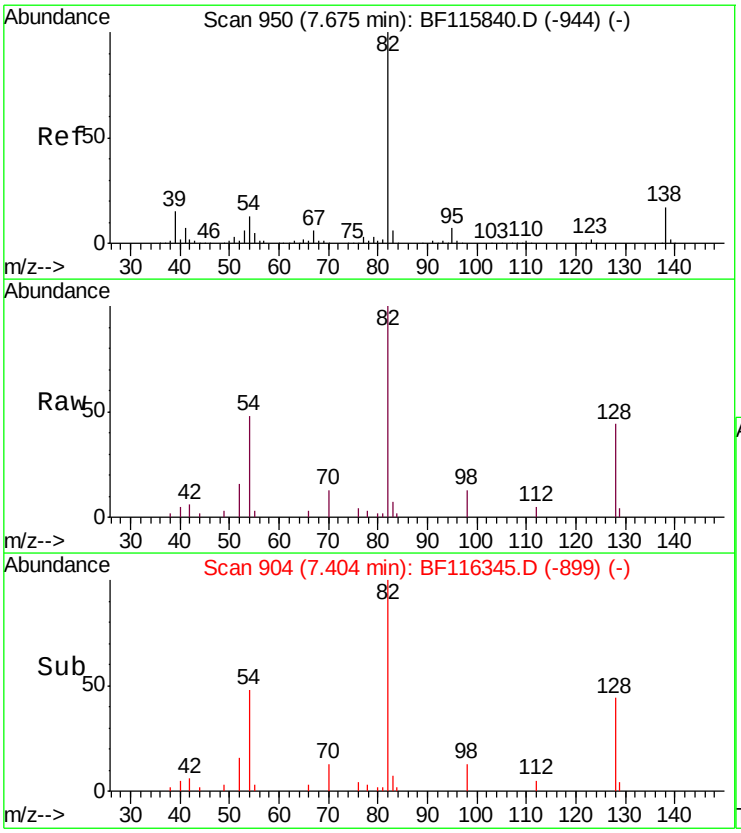
#23
Nitrobenzene-d5
Concen: 5.053 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion: 82 Resp: 46935

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.5	54.7
54	47.8	36.0	54.0

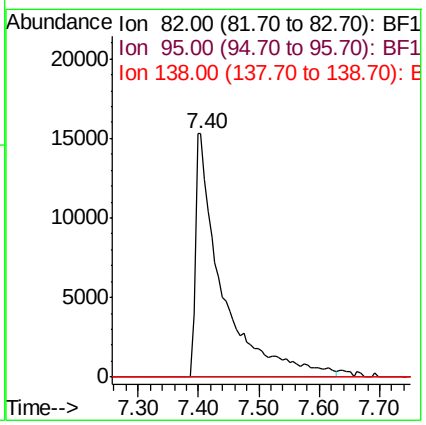


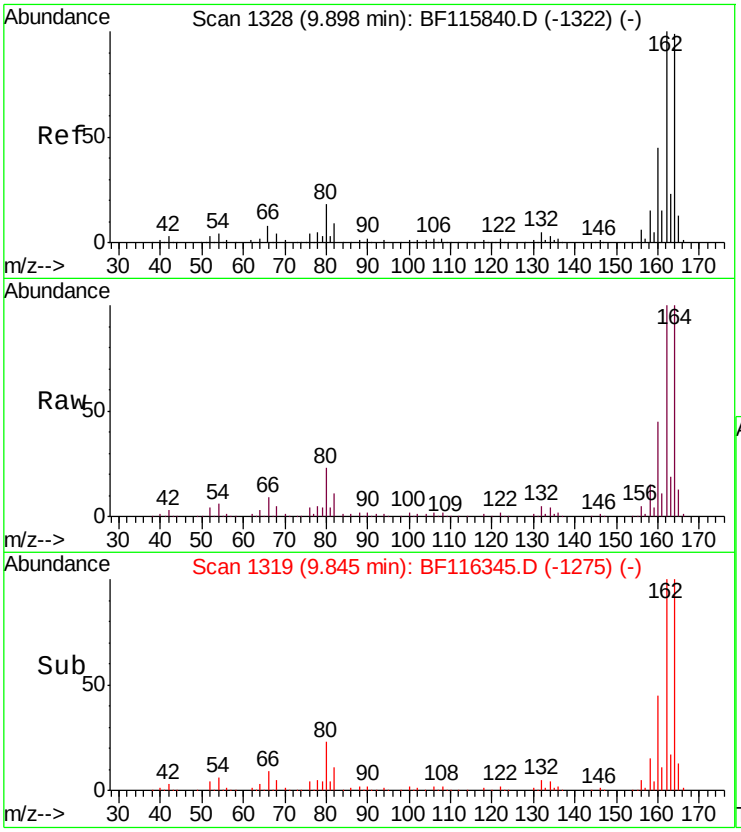


#25
Isophorone
Concen: 2.642 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion: 82 Resp: 46935

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#



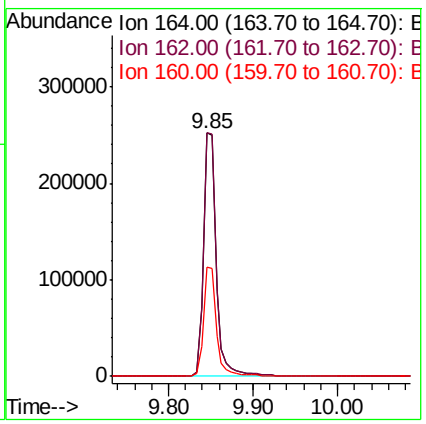


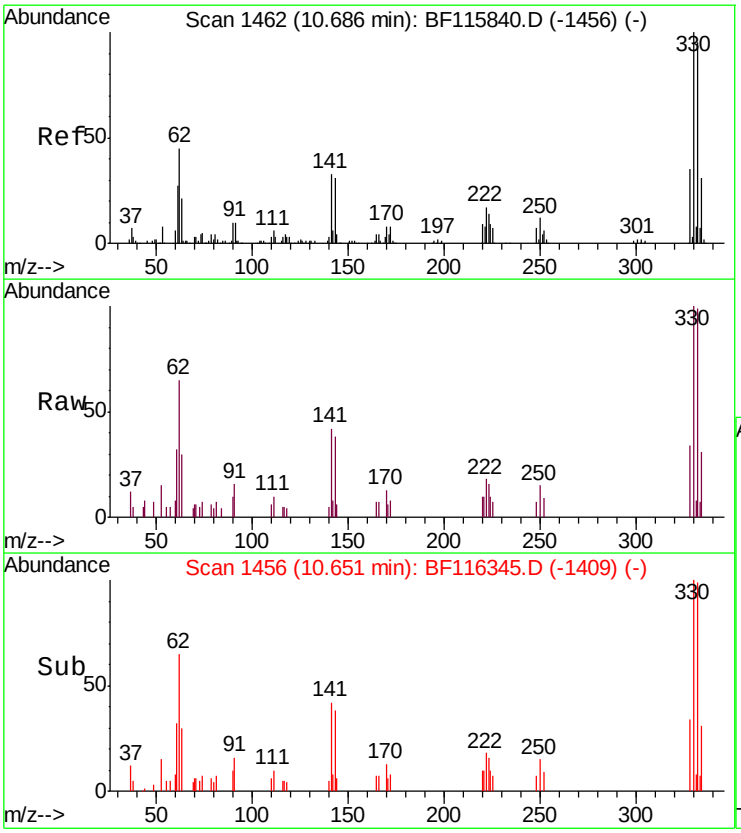
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion:164 Resp: 262856

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	124.0
160	44.7	37.6	56.4

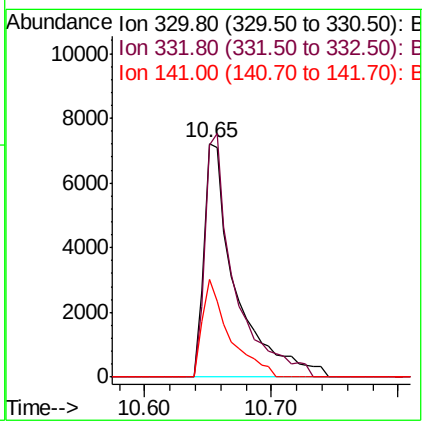


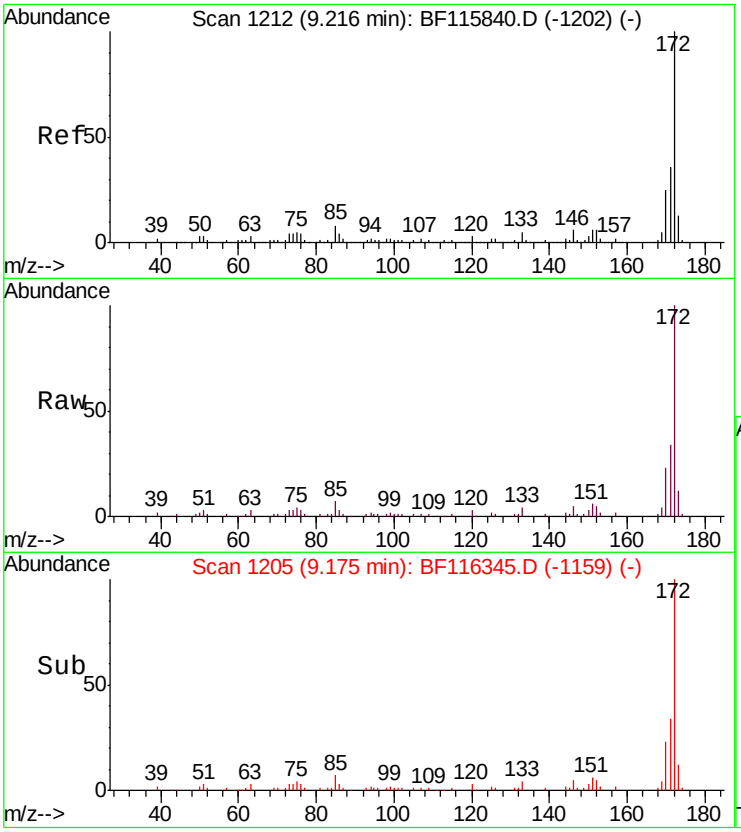


#42
2,4,6-Tribromophenol
Concen: 4.923 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:330 Resp: 12545

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	35.7	26.3	39.5



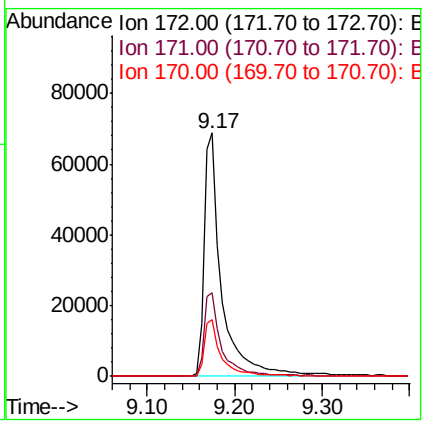


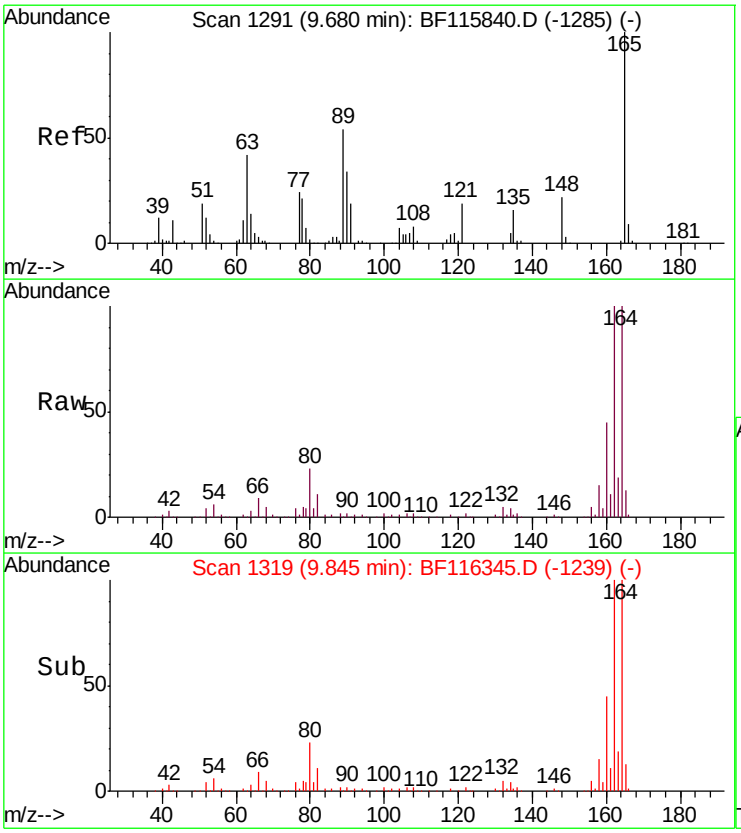
#45
2-Fluorobiphenyl
Concen: 6.815 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion:172 Resp: 95643

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	23.4	20.1	30.1

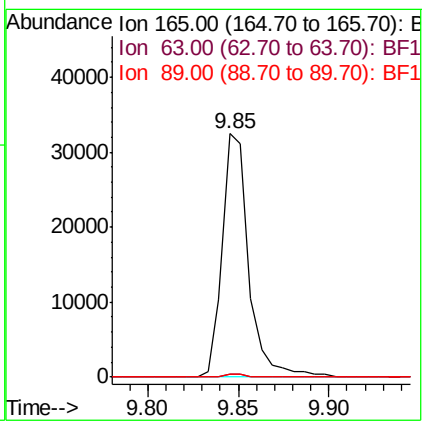


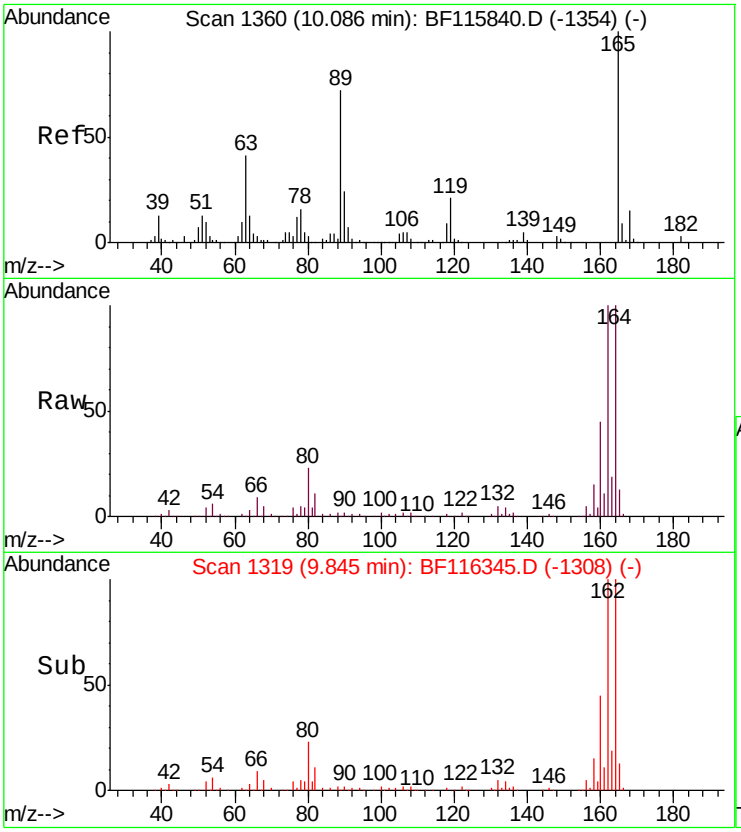


#51
2,6-Dinitrotoluene
Concen: 8.514 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.17 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:165 Resp: 33114

Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.1	42.9	64.3#



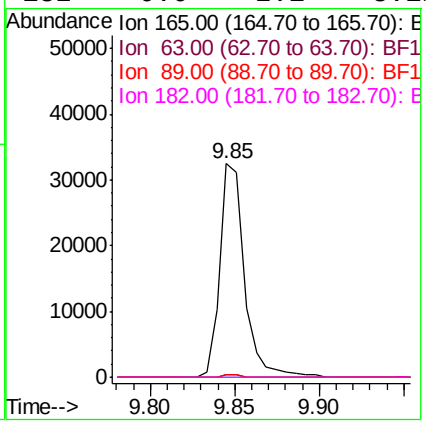


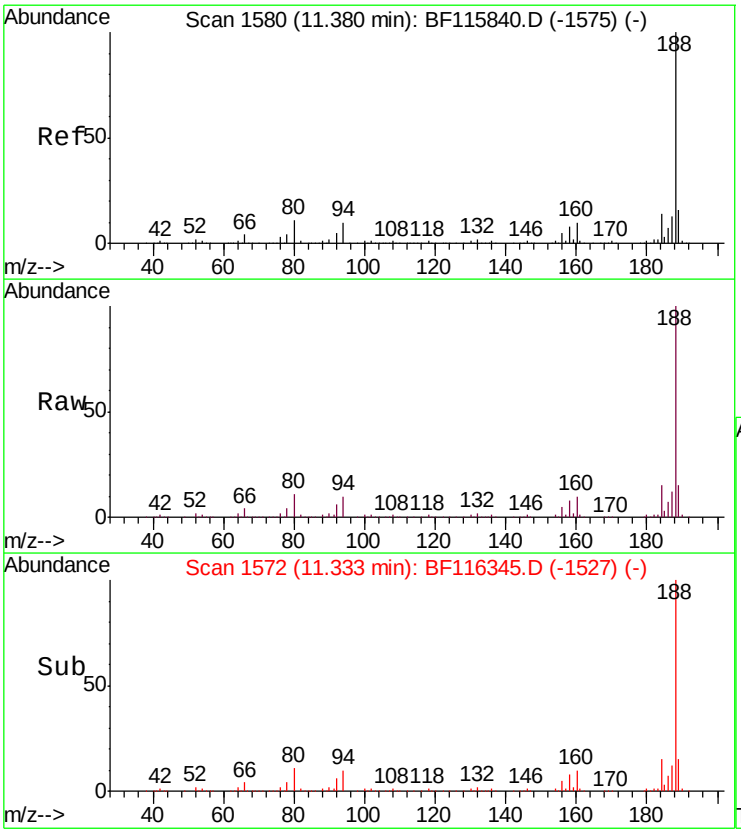
#57
2,4-Dinitrotoluene
Concen: 6.395 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.24 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion:165 Resp: 33114

Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#

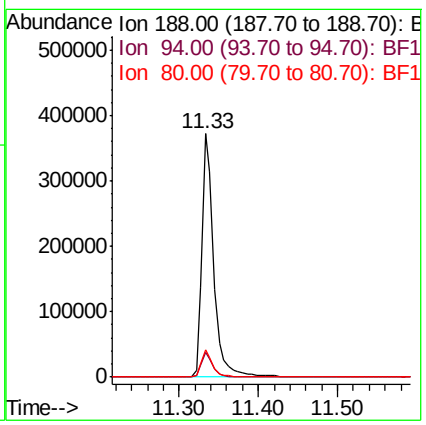


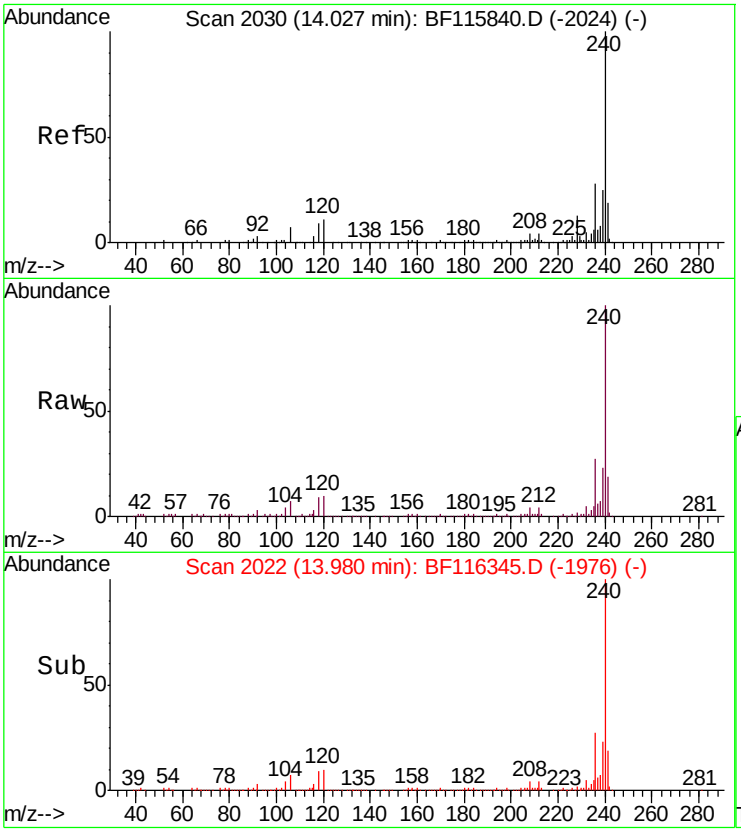


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:188 Resp: 395268

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.3	8.7	13.1



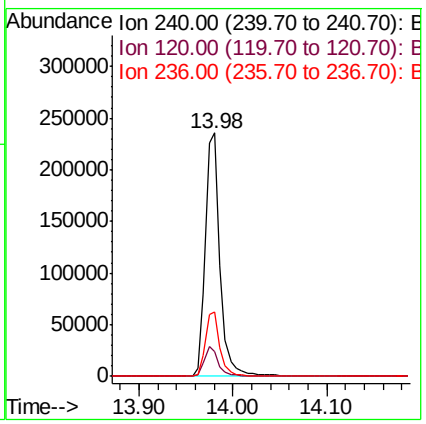


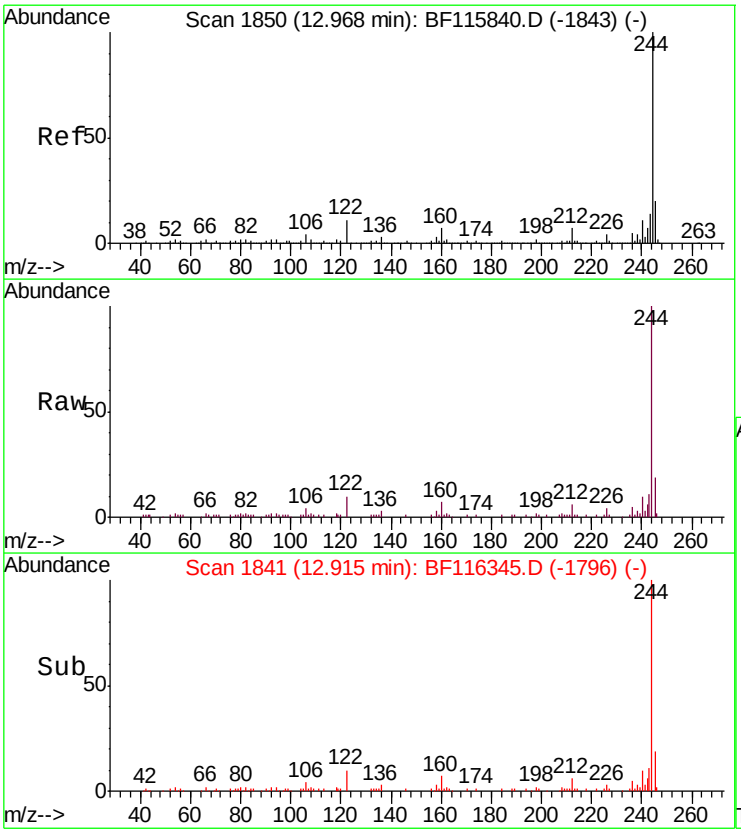
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion:240 Resp: 260656

Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.7	16.1#
236	26.6	22.2	33.2

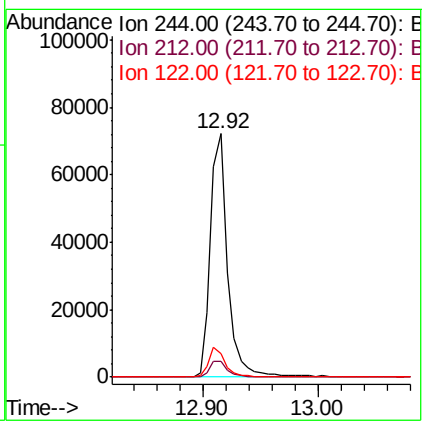


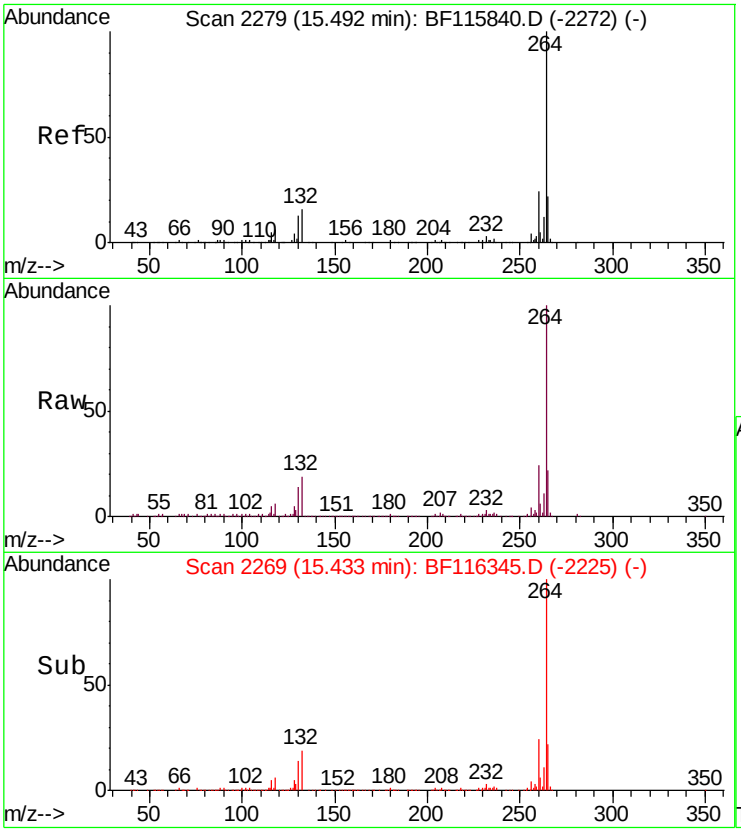


#79
Terphenyl-d14
Concen: 6.045 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Tgt Ion:244 Resp: 74773

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.9	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116345.D
Acq: 17 Aug 2019 3:58

Instrument :
BNA_F
ClientSampleId :
OR-02-081519

Tgt Ion:264 Resp: 294768

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.4	17.4	26.0