Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115409.D
Acq On : 8 Jul 2019 16:54
Operator : HP/JU
Sample : K3605-01DL2 200X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GWDL2

Quant Time: Jul 10 08:44:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118859	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	498442	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	259582	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	531392	20.00	ng	0.00
76) Chrysene-d12	14.05	240	450556	20.00	ng	-0.02
87) Perylene-d12	15.53	264	445485	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	3048	0.40	ng	-0.02
7) Phenol-d6	6.50	99	2472	0.25	ng	-0.02
23) Nitrobenzene-d5	7.45	82	4698	0.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1661	0.58	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	10357	0.70	ng	-0.01
79) Terphenyl-d14	12.99	244	14772	0.67	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.20	128	1350170	54.535	ng	100
37) 2-Methylnaphthalene	8.89	142	45710	2.762	ng	99
38) 1-Methylnaphthalene	8.99	142	36678	2.323	ng	97

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

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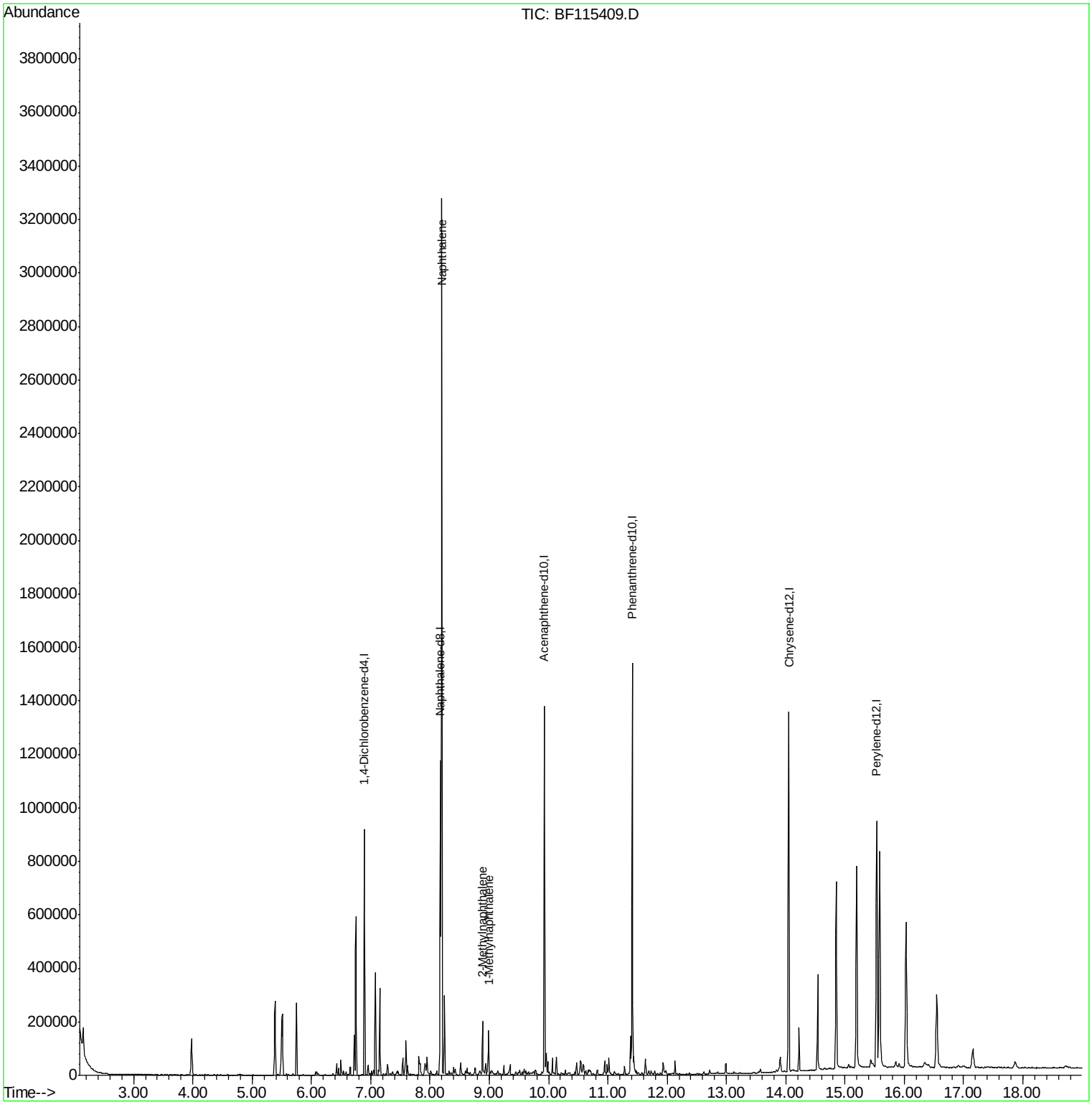
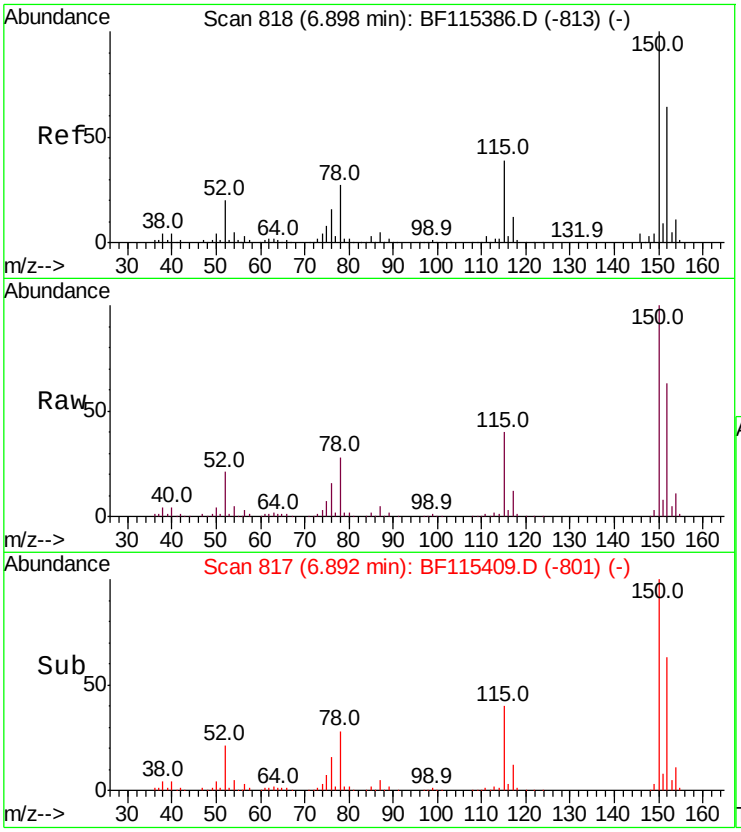


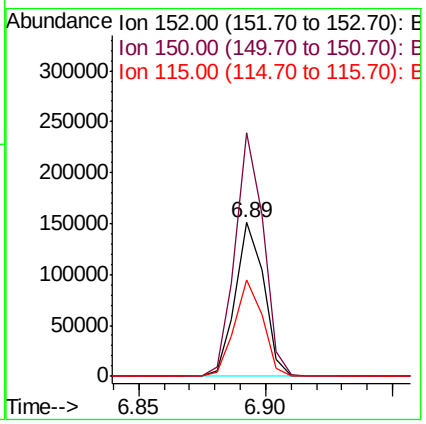


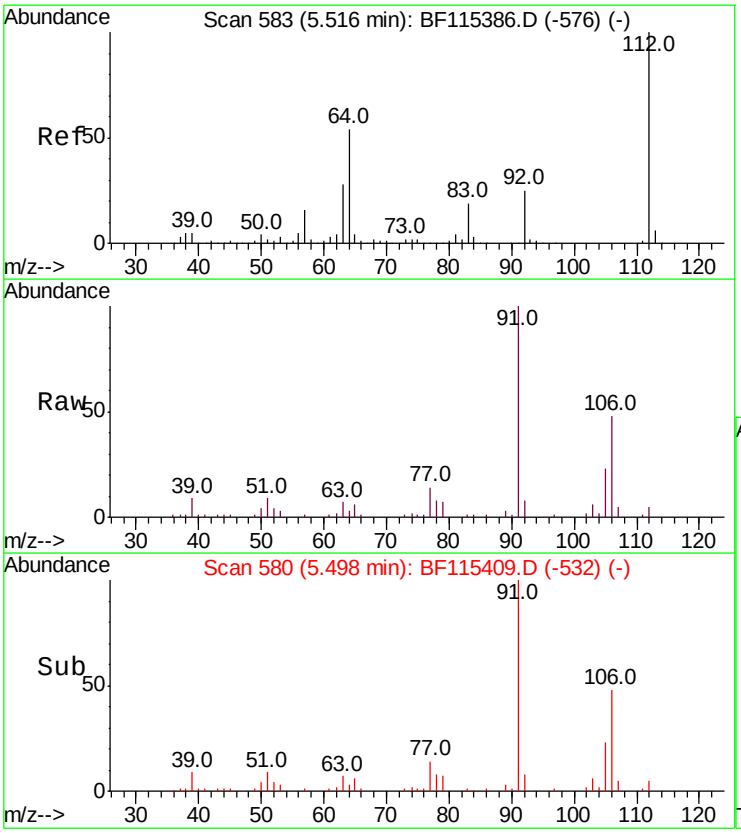
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:152 Resp: 118859

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.7	187.1
115	63.0	48.1	72.1

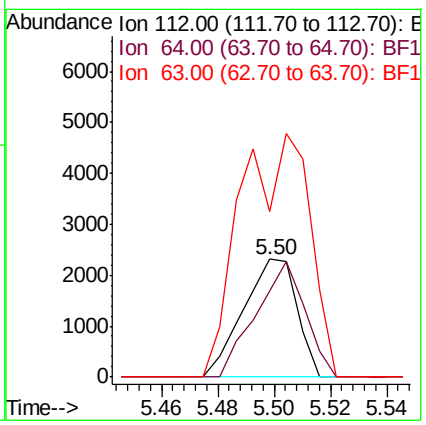


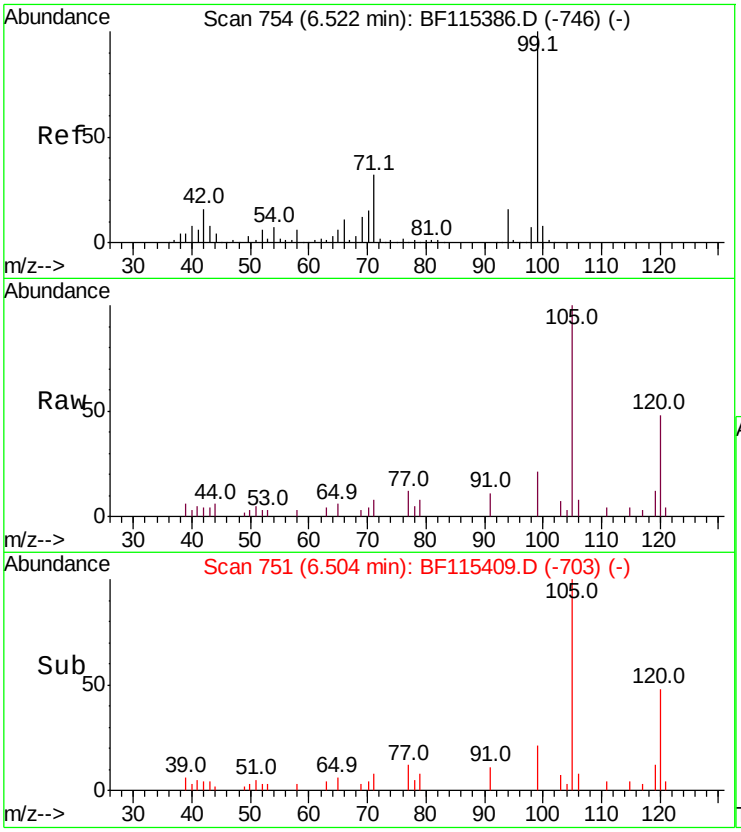


#5
2-Fluorophenol
Concen: 0.396 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:112 Resp: 3048

Ion	Ratio	Lower	Upper
112	100		
64	73.1	43.0	64.6#
63	140.2	22.2	33.2#



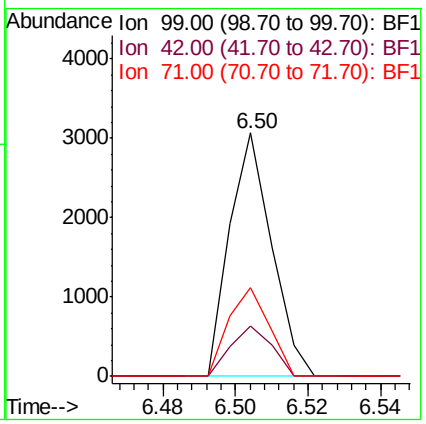


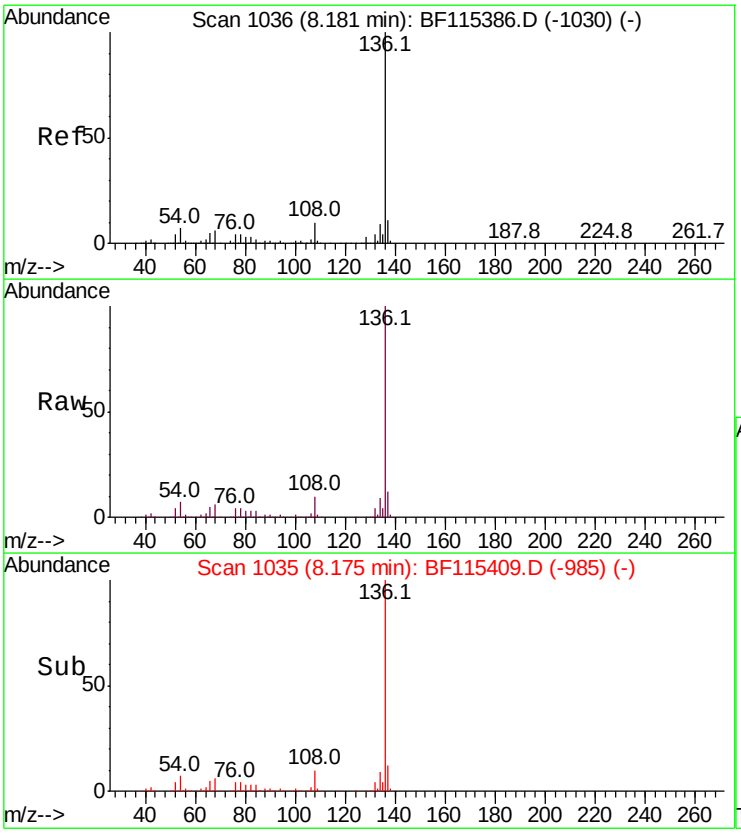
#7
Phenol-d6
Concen: 0.253 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion: 99 Resp: 2472

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.1	19.7#
71	36.7	25.9	38.9

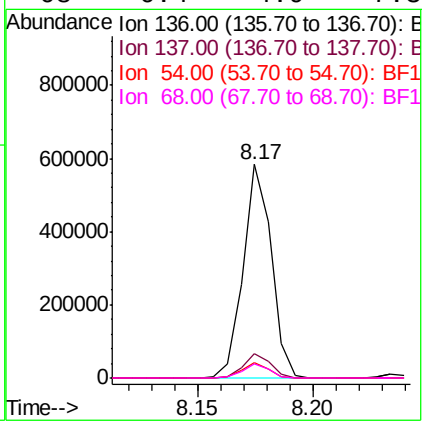


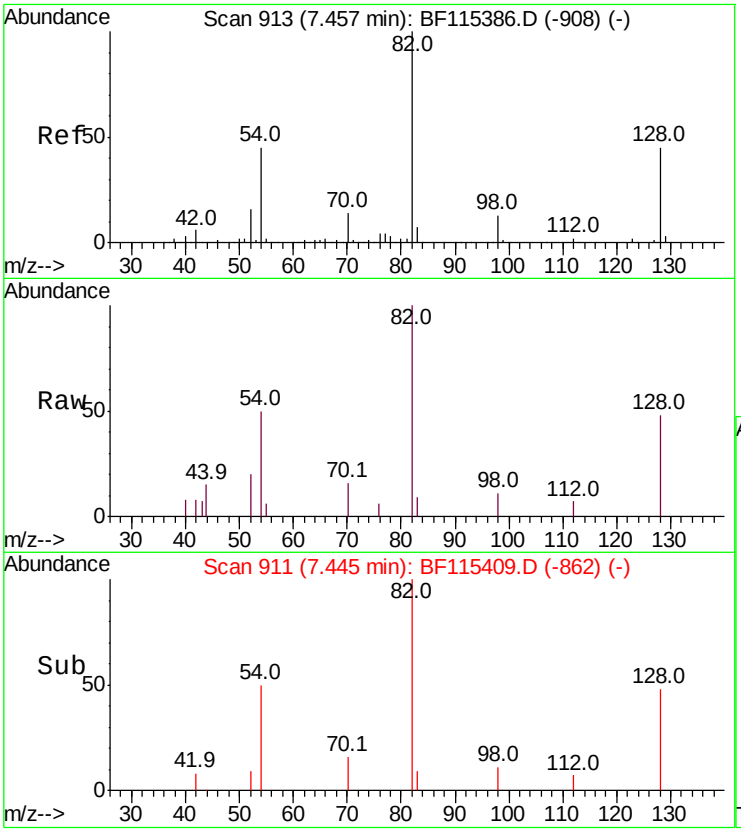


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:136 Resp: 498442

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.4	5.6	8.4
68	6.4	4.9	7.3



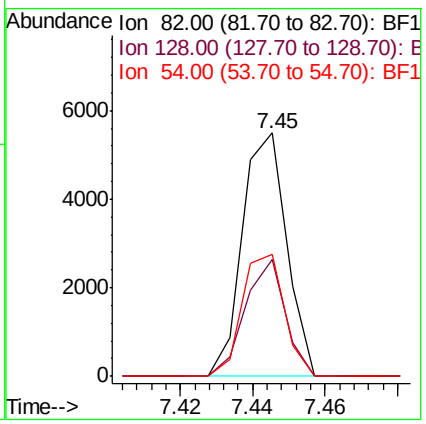


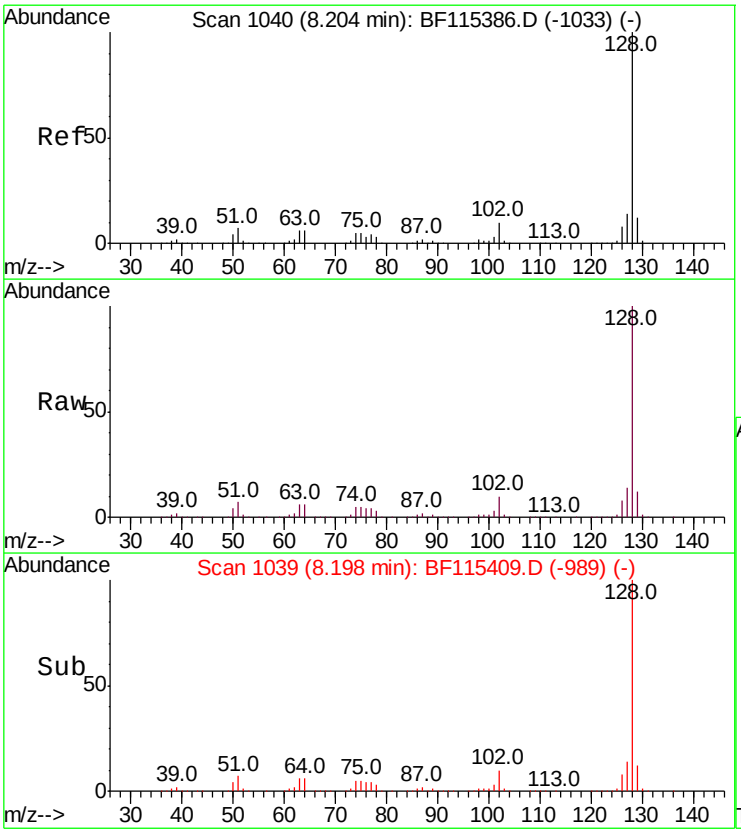
#23
Nitrobenzene-d5
Concen: 0.557 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion: 82 Resp: 4698

Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.7	53.5
54	49.9	36.3	54.5

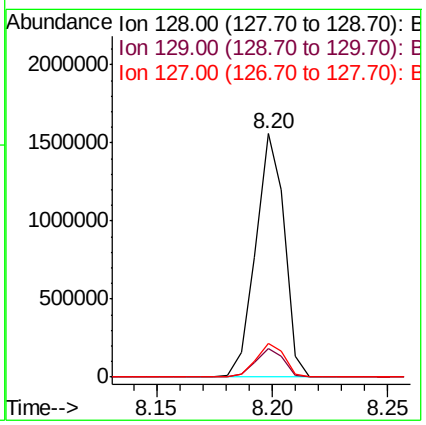


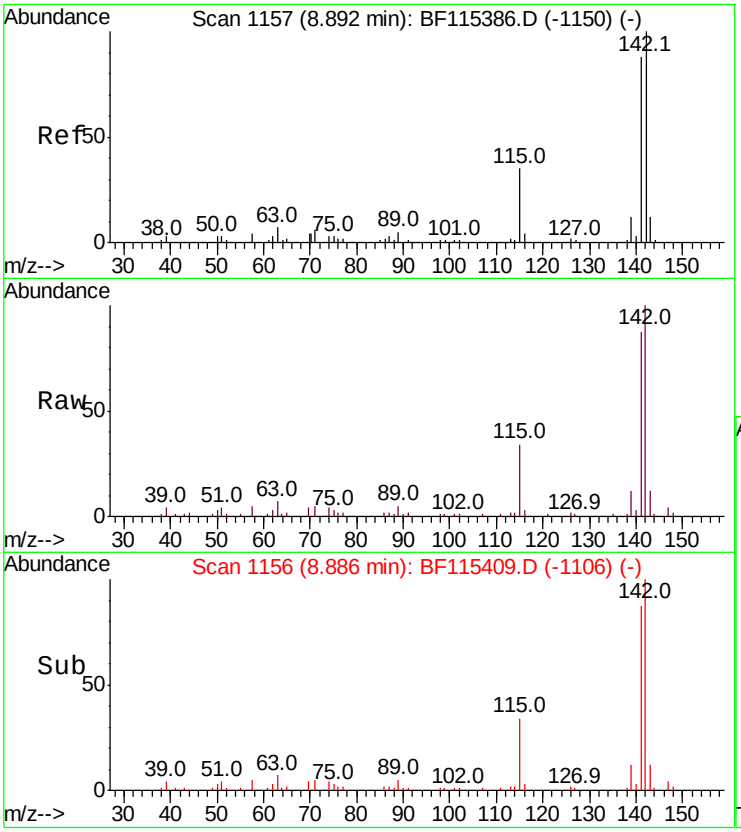


#31
Naphthalene
Concen: 54.535 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:128 Resp: 1350170

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.9	11.2	16.8



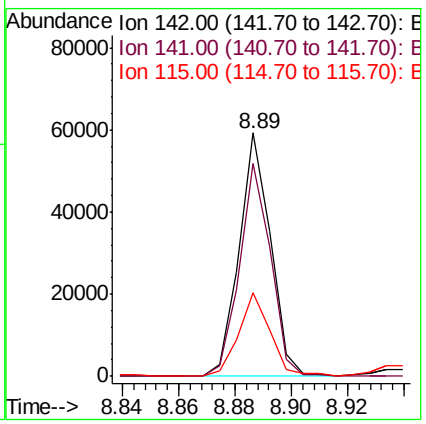


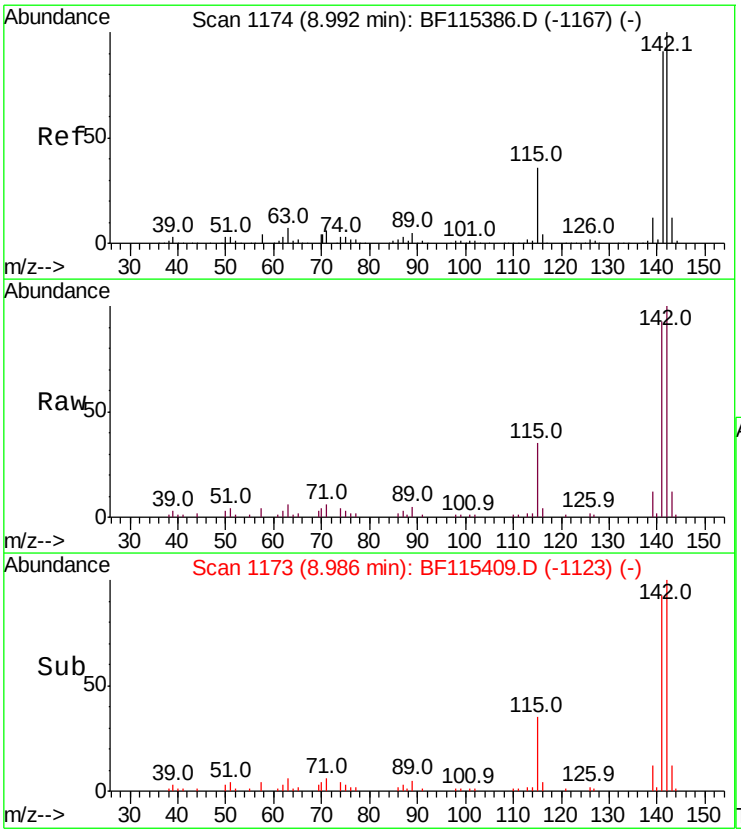
#37
2-Methylnaphthalene
Concen: 2.762 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:142 Resp: 45710

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.6	106.0
115	34.2	27.8	41.8

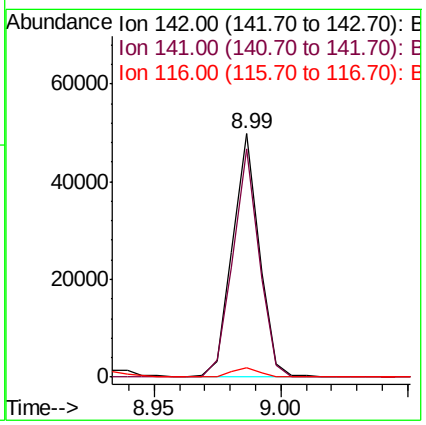


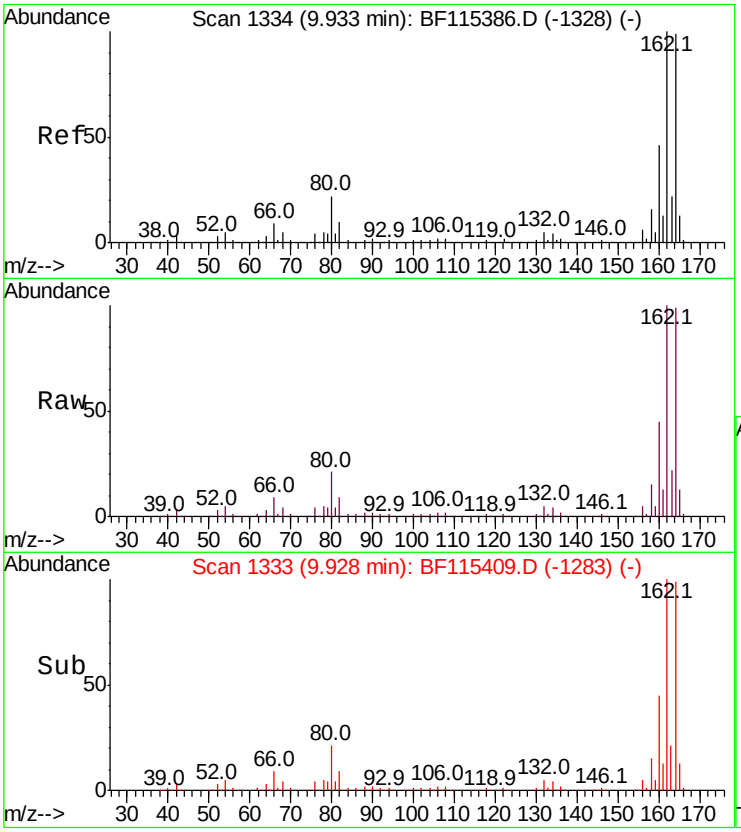


#38
1-Methylnaphthalene
Concen: 2.323 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:142 Resp: 36678

Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.7	109.1
116	4.1	3.0	4.4



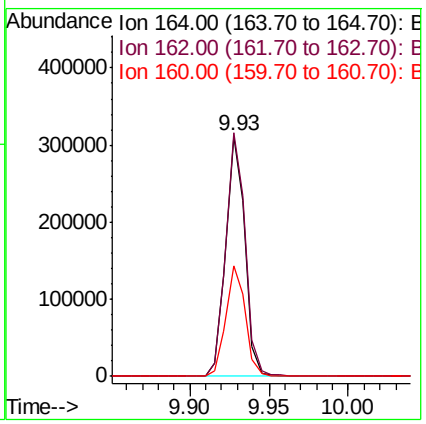


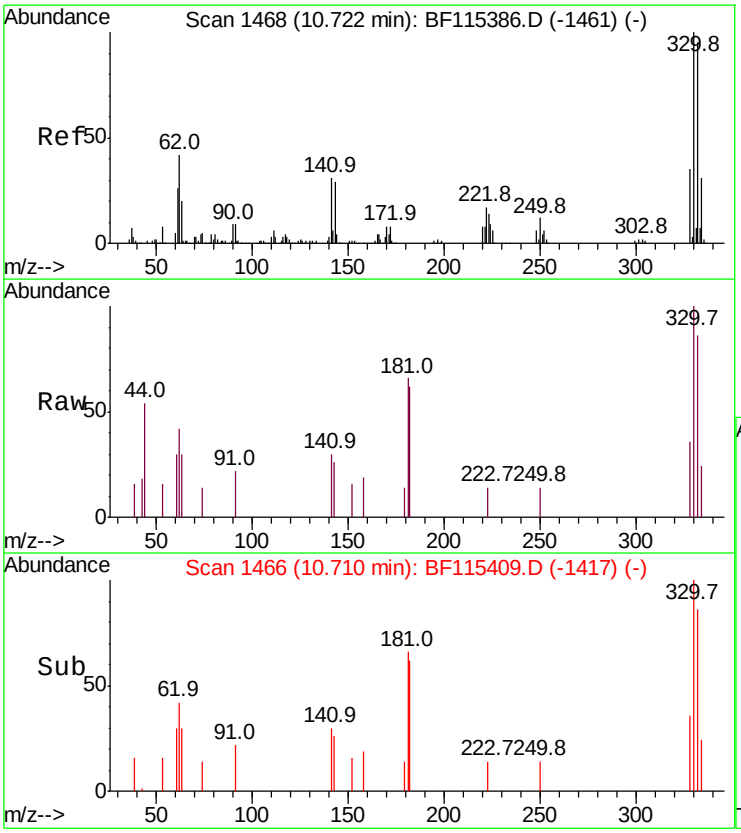
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:164 Resp: 259582

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	121.0
160	46.1	37.0	55.6

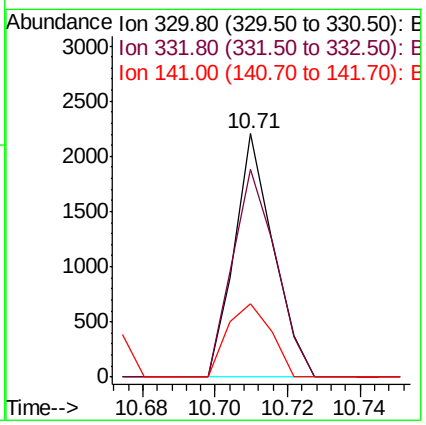


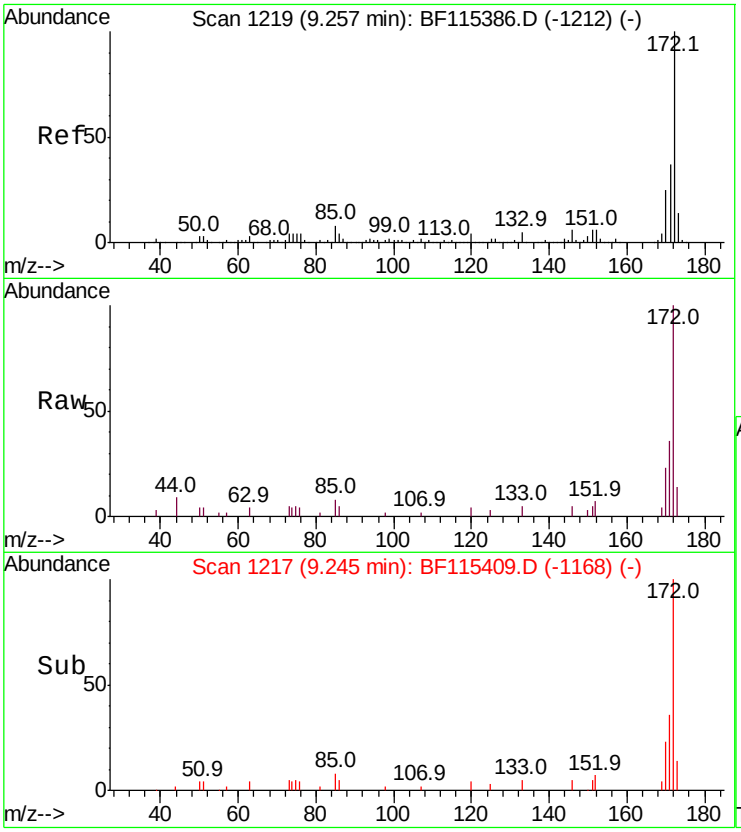


#42
2,4,6-Tribromophenol
Concen: 0.579 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:330 Resp: 1661

Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.3	114.5
141	33.5	27.0	40.4



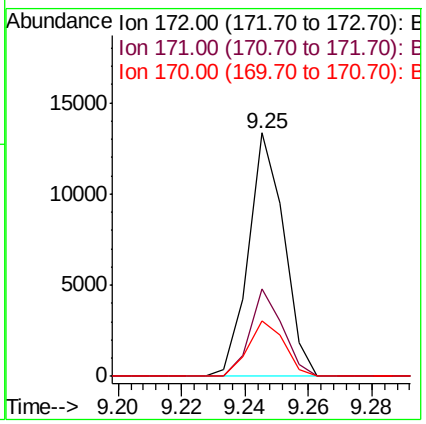


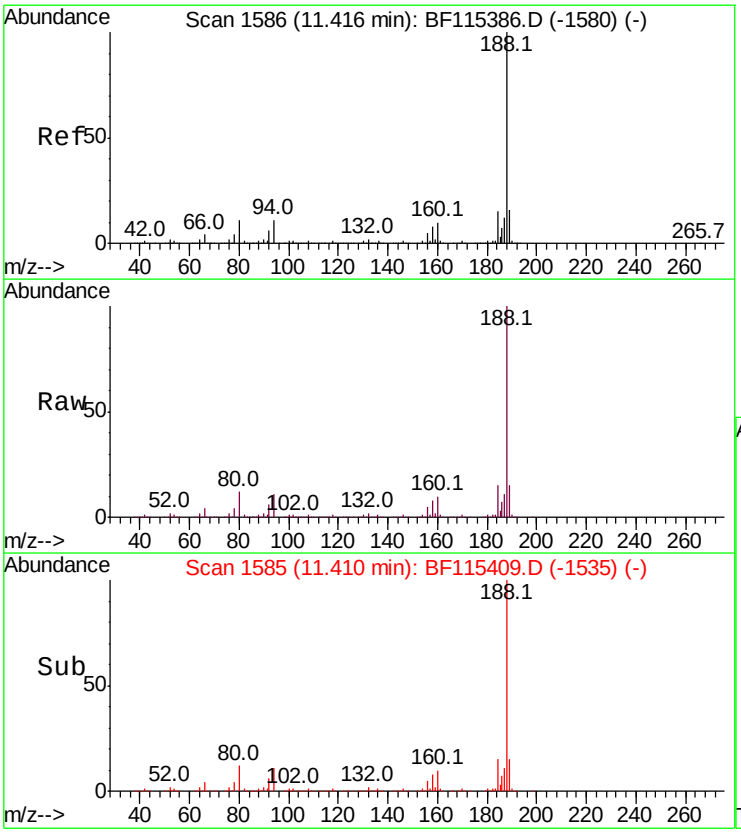
#45
2-Fluorobiphenyl
Concen: 0.700 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:172 Resp: 10357

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.8
170	22.6	20.2	30.4

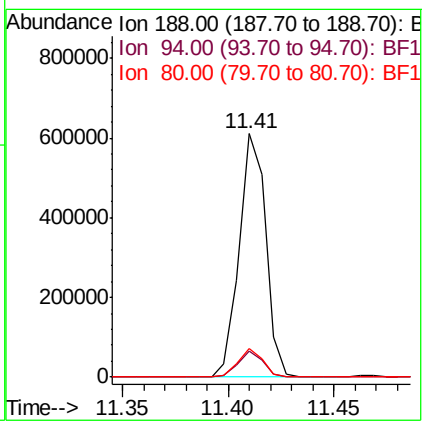


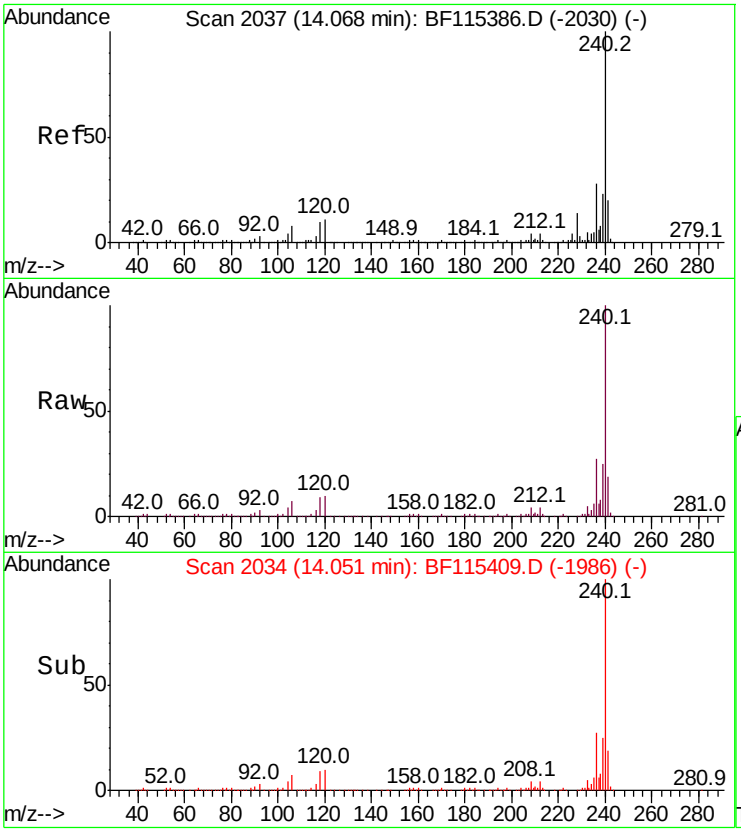


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:188 Resp: 531392

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.1	13.7



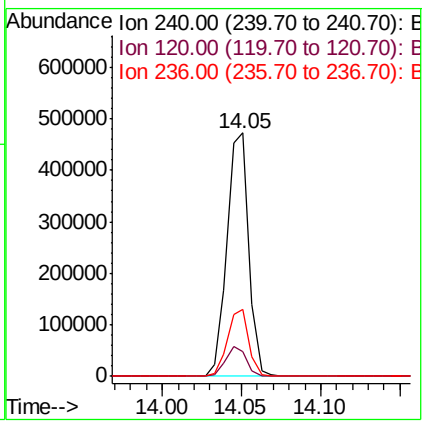


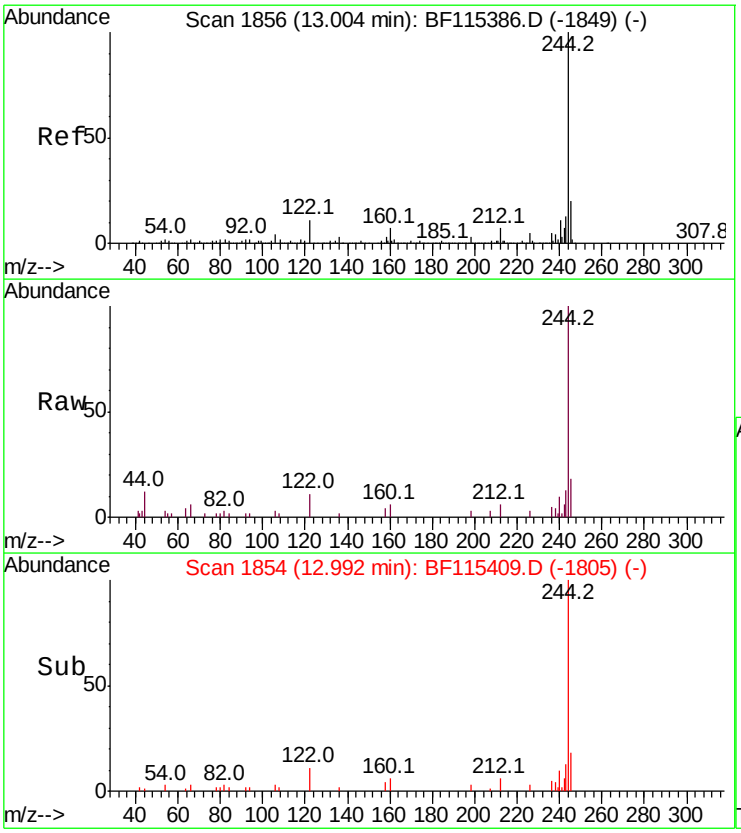
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:240 Resp: 450556

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.1	13.7
236	27.3	22.5	33.7

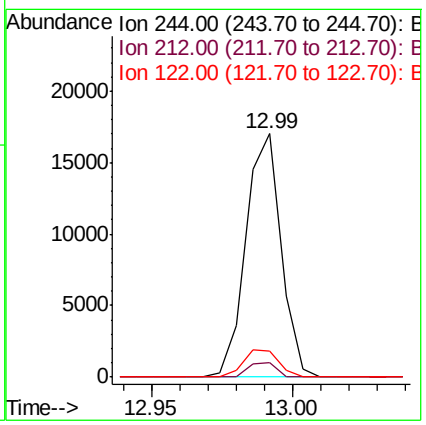


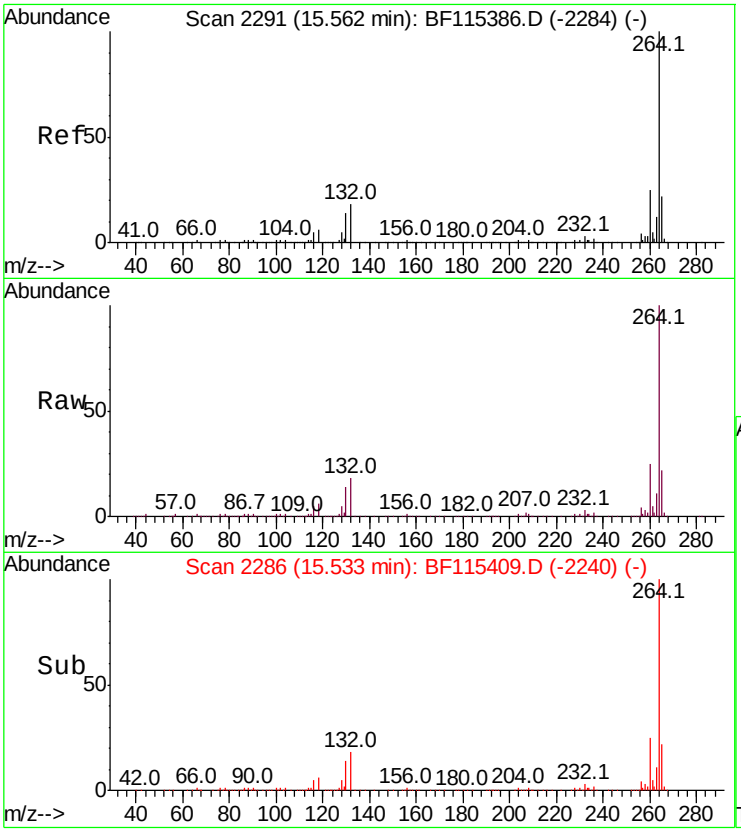


#79
Terphenyl-d14
Concen: 0.671 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Tgt Ion:244 Resp: 14772

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	10.6	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115409.D
Acq: 8 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:264 Resp: 445485

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.9	29.9
265	21.9	17.4	26.2