Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116799.D
Acq On : 4 Sep 2019 4:07
Operator : HP/JU
Sample : K4625-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MM-01

Quant Time: Sep 04 07:50:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143014	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	551753	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	278382	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	433815	20.00	ng	0.00
76) Chrysene-d12	13.99	240	265863	20.00	ng	0.00
87) Perylene-d12	15.44	264	299130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	940894	106.58	ng	0.01
7) Phenol-d6	6.48	99	1124975	97.05	ng	0.00
23) Nitrobenzene-d5	7.41	82	893163	92.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	243093	130.62	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1490278	90.31	ng	0.00
79) Terphenyl-d14	12.94	244	1270274	88.39	ng	0.00
Target Compounds						Qvalue

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

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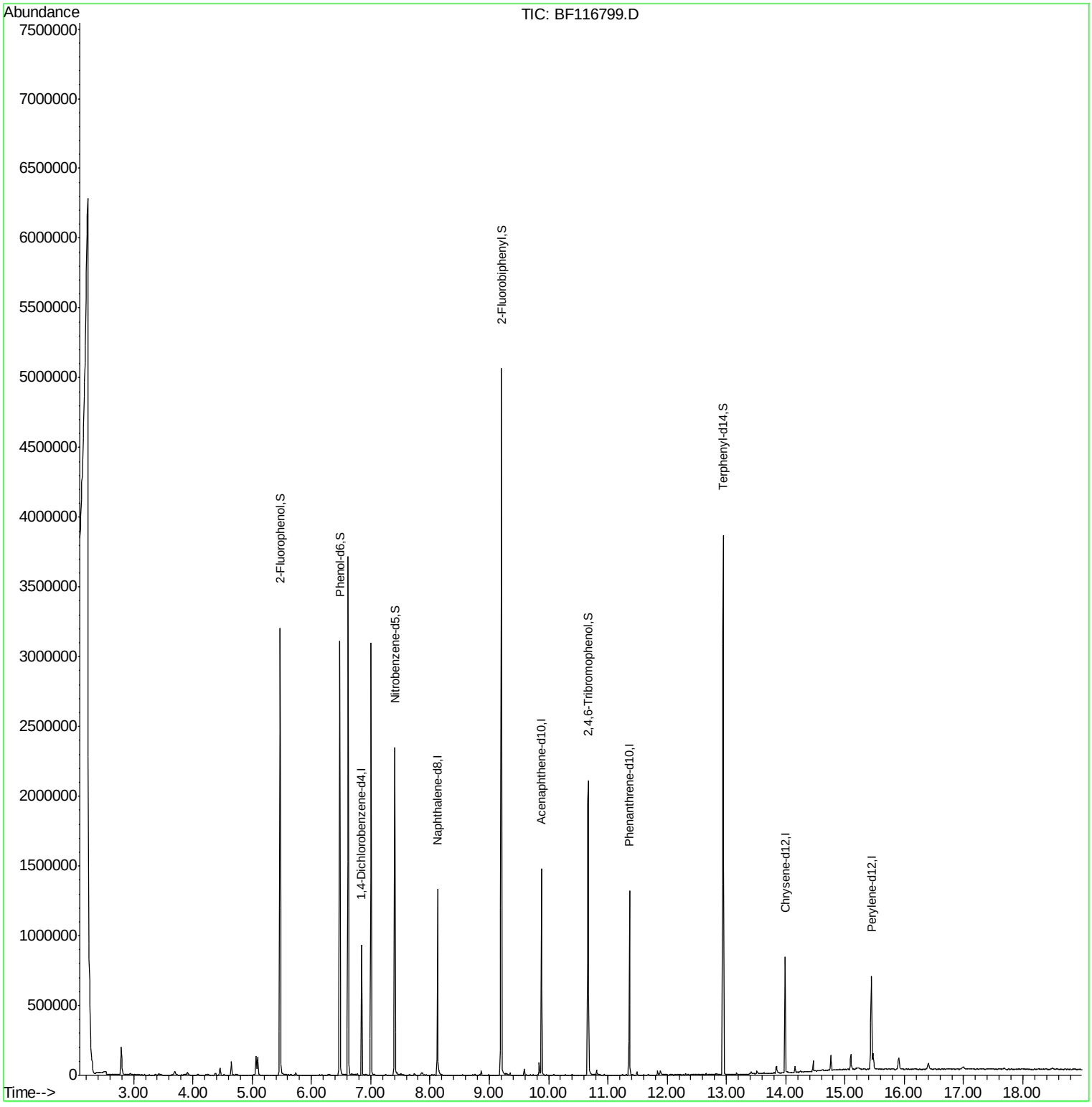
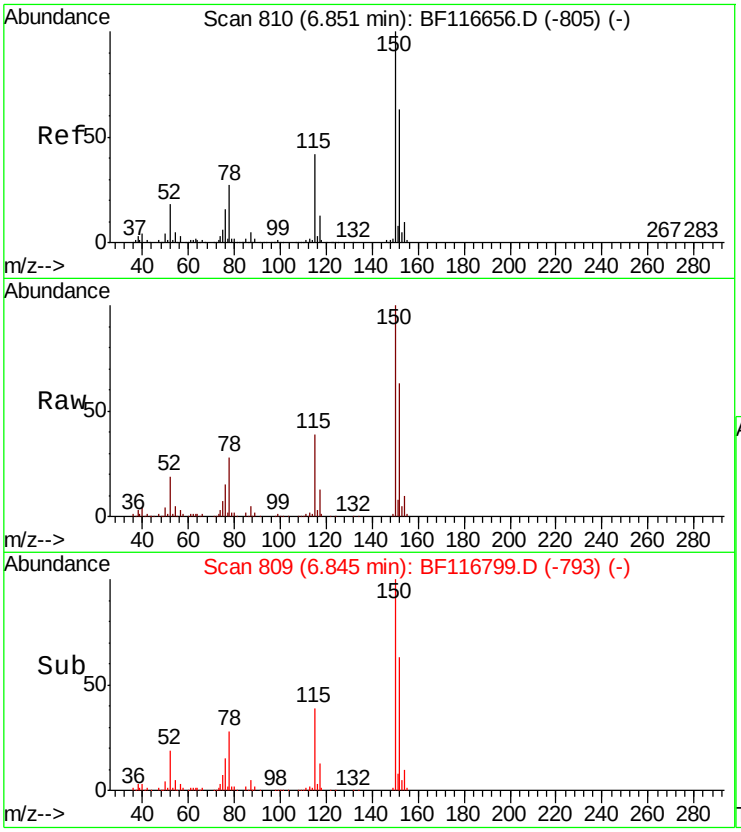


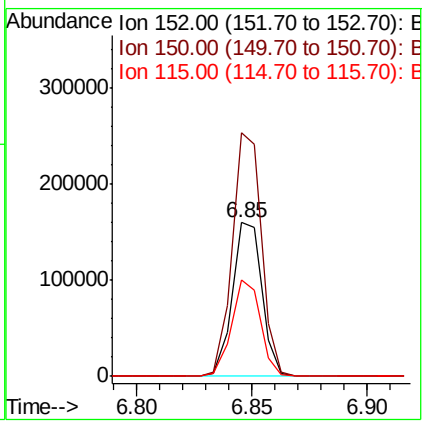


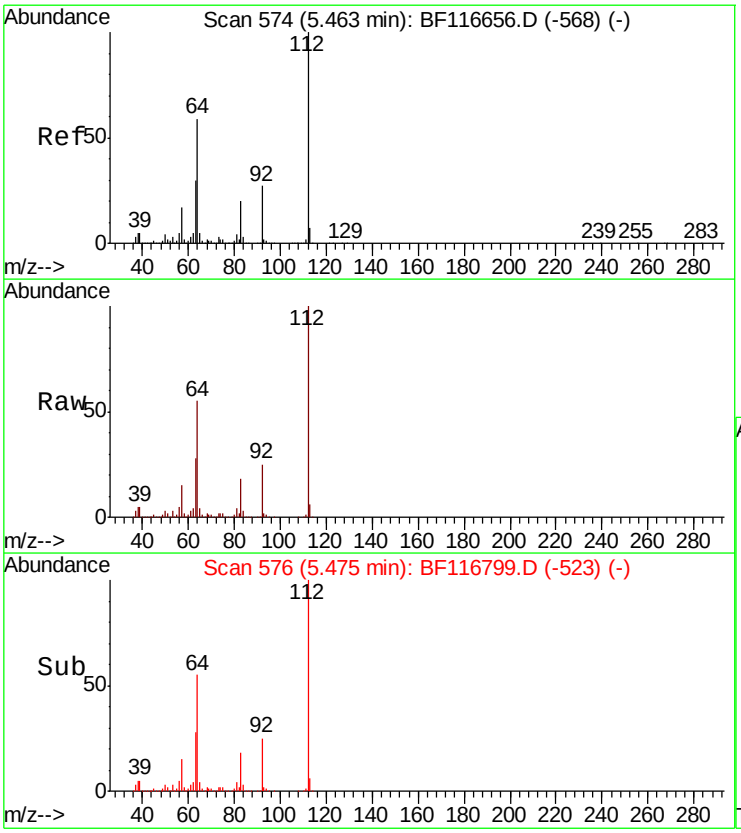
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Instrument :
BNA_F
ClientSampleId :
MM-01

Tgt Ion:152 Resp: 143014

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.4	186.6
115	62.4	49.9	74.9

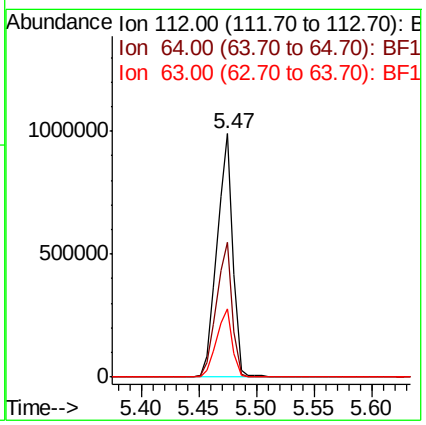


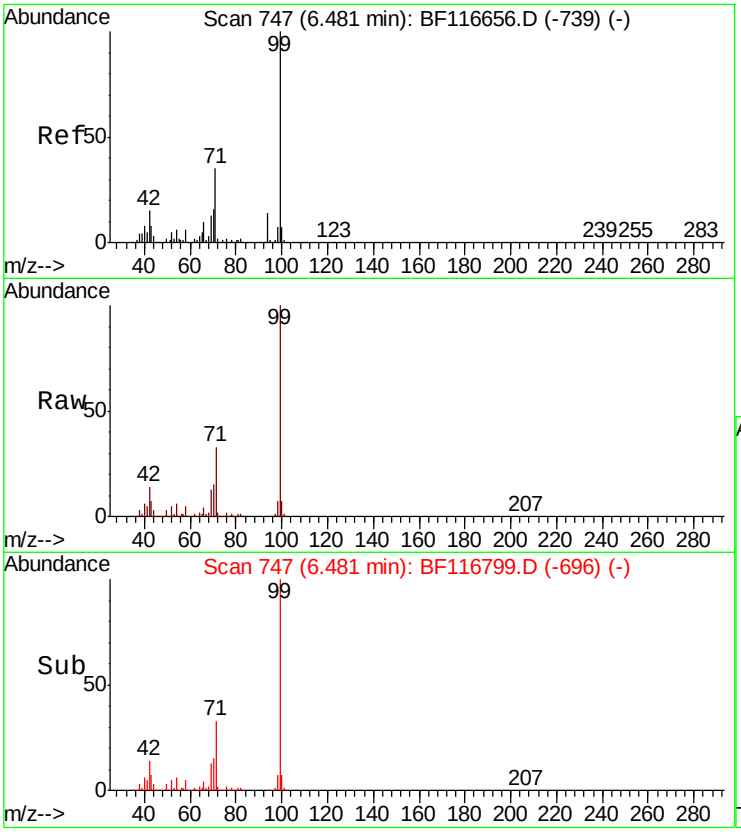


#5
2-Fluorophenol
Concen: 106.584 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Tgt Ion:112 Resp: 940894

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.1	70.7
63	28.1	24.9	37.3



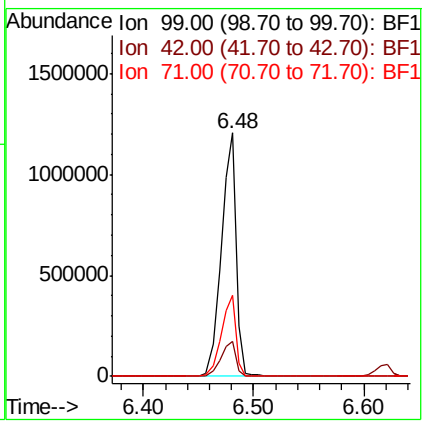


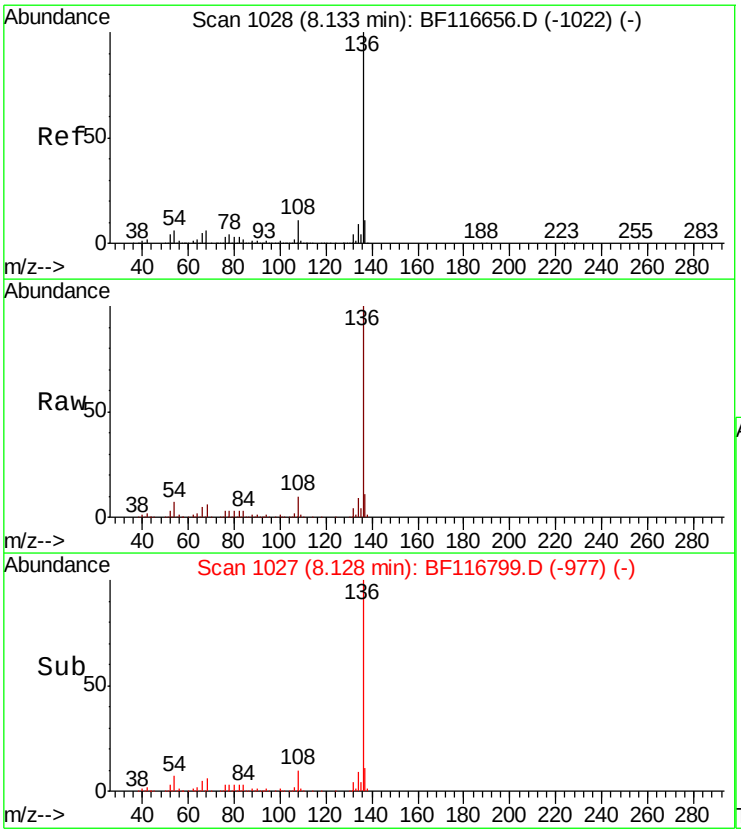
#7
Phenol-d6
Concen: 97.050 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Instrument :
BNA_F
ClientSampleId :
MM-01

Tgt Ion: 99 Resp: 1124975

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.7	20.5
71	33.2	30.8	46.2

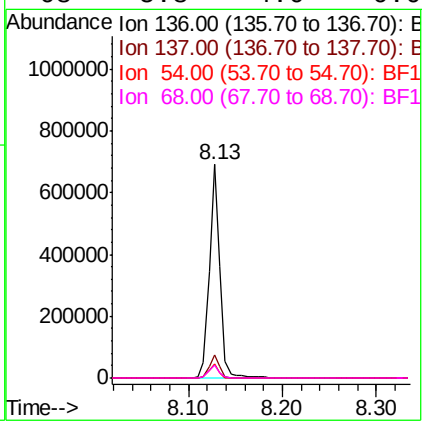


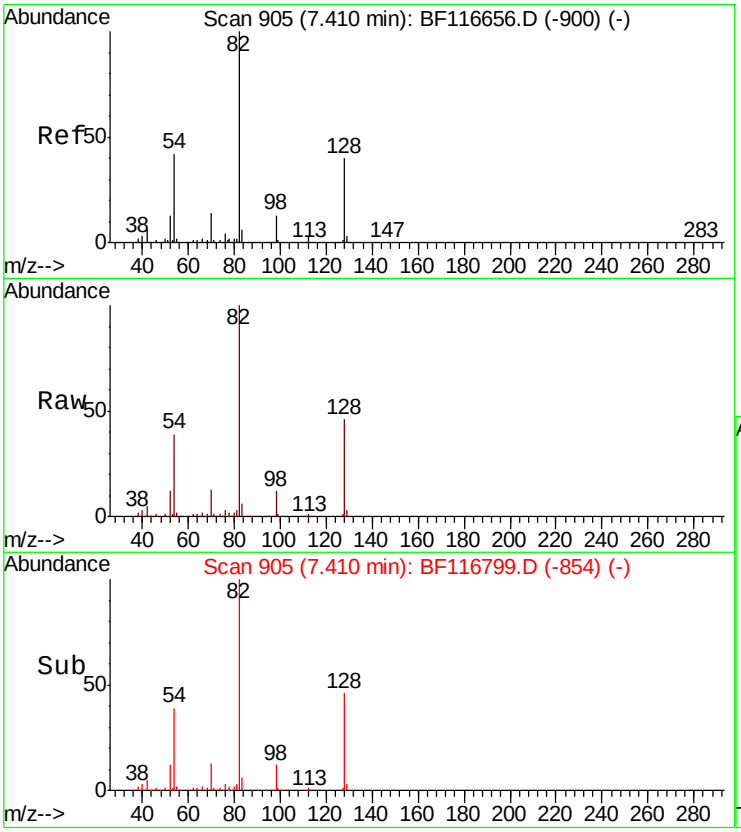


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Tgt Ion:136 Resp: 551753

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	4.8	7.2
68	5.8	4.0	6.0



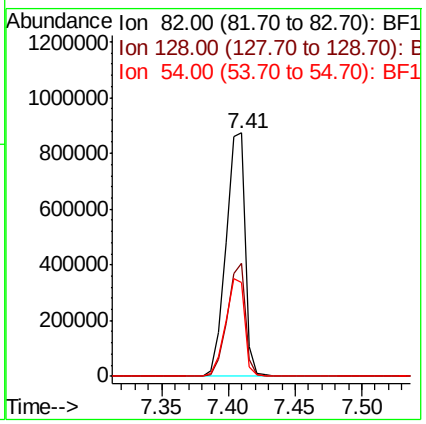


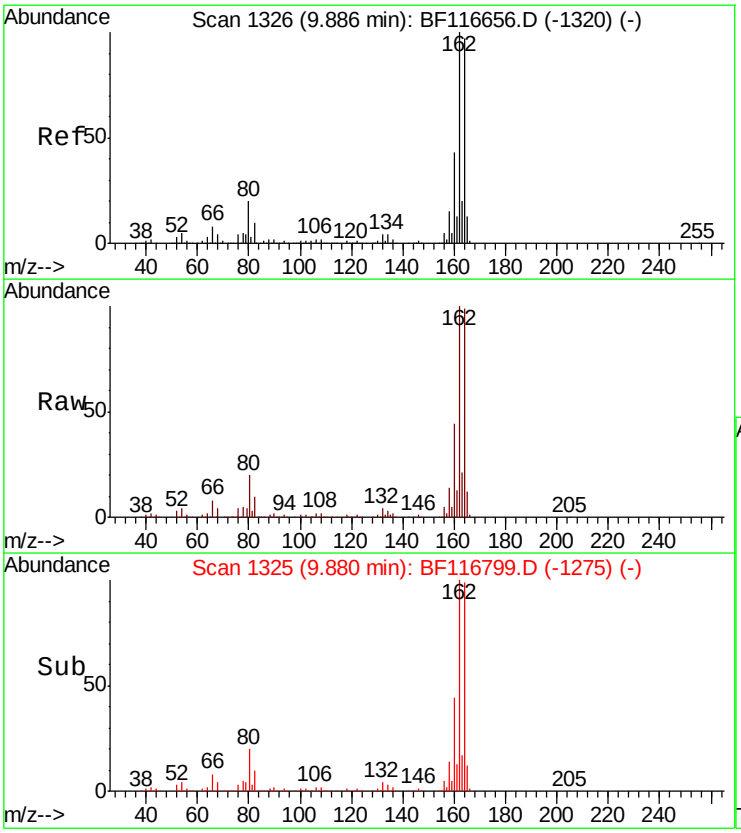
#23
Nitrobenzene-d5
Concen: 92.411 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Instrument :
BNA_F
ClientSampleId :
MM-01

Tgt Ion: 82 Resp: 893163

Ion	Ratio	Lower	Upper
82	100		
128	46.3	32.8	49.2
54	38.8	36.9	55.3

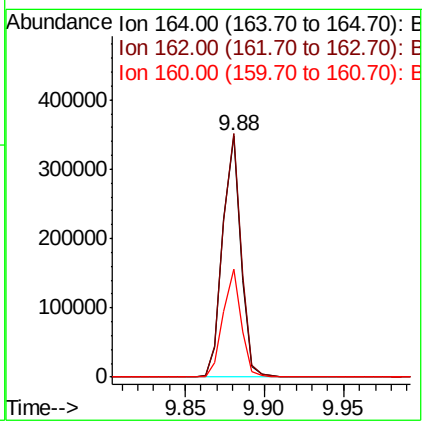


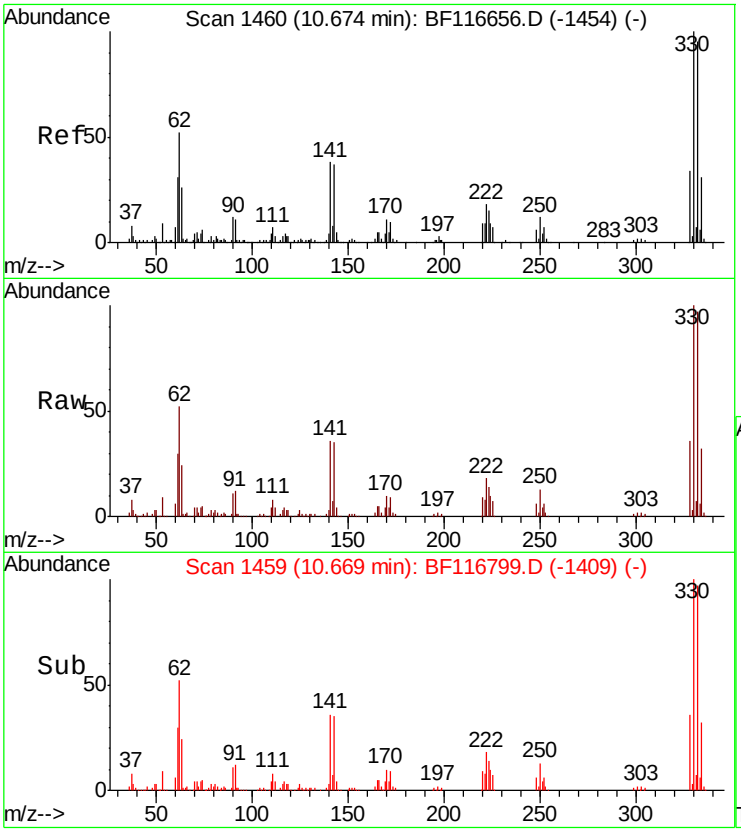


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Tgt Ion:164 Resp: 278382

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	44.6	35.4	53.2



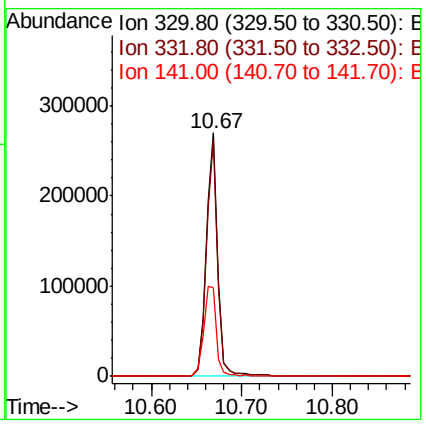


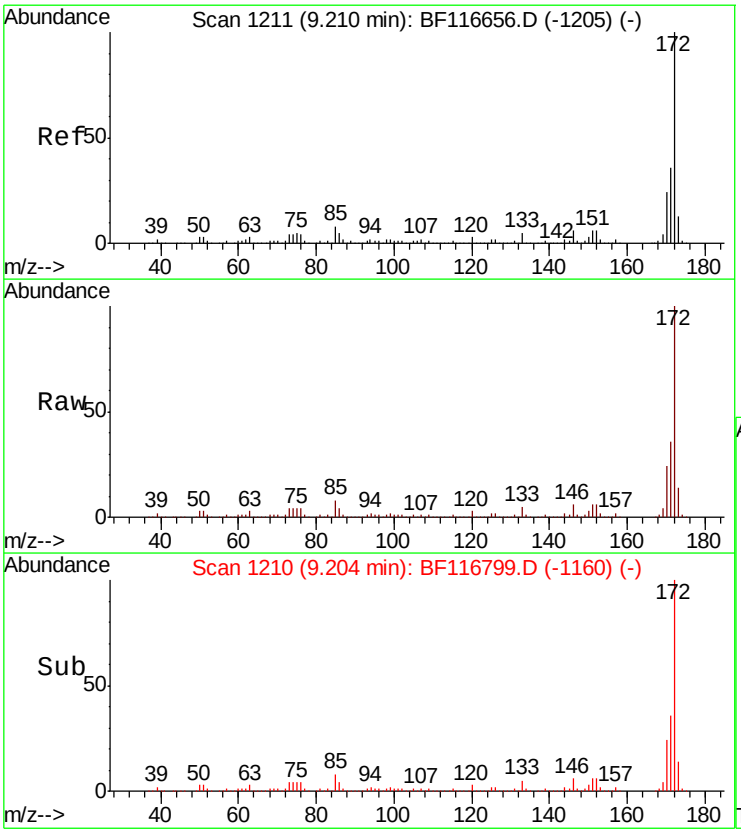
#42
2,4,6-Tribromophenol
Concen: 130.622 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Instrument :
BNA_F
ClientSampleId :
MM-01

Tgt Ion:330 Resp: 243093

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	41.2	31.4	47.2

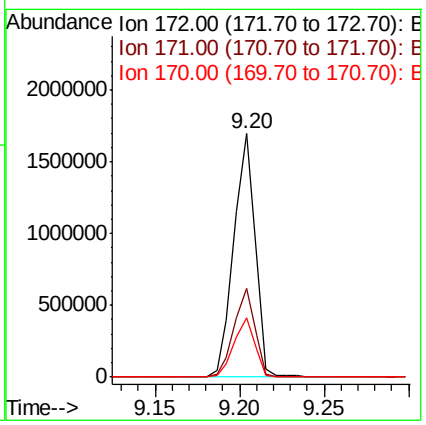


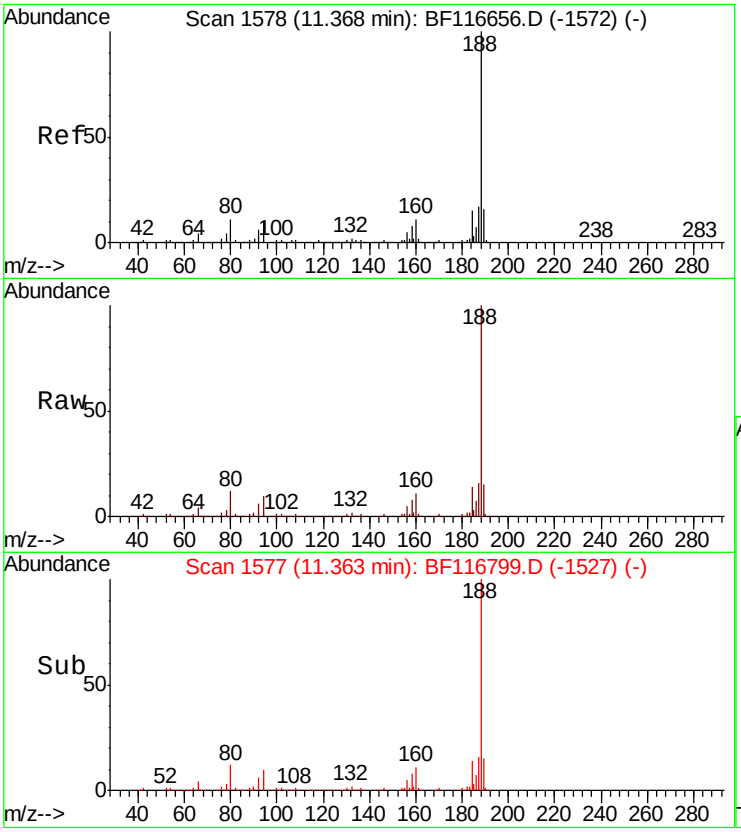


#45
2-Fluorobiphenyl
Concen: 90.305 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Tgt Ion:172 Resp: 1490278

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.8	41.6
170	24.4	18.9	28.3



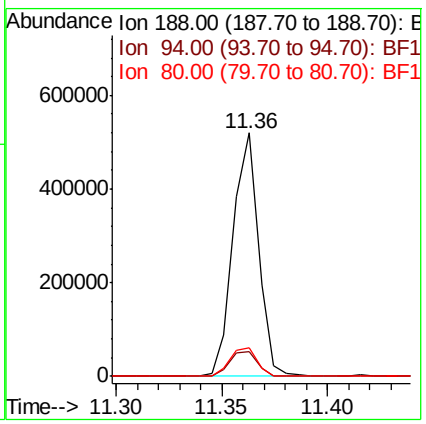


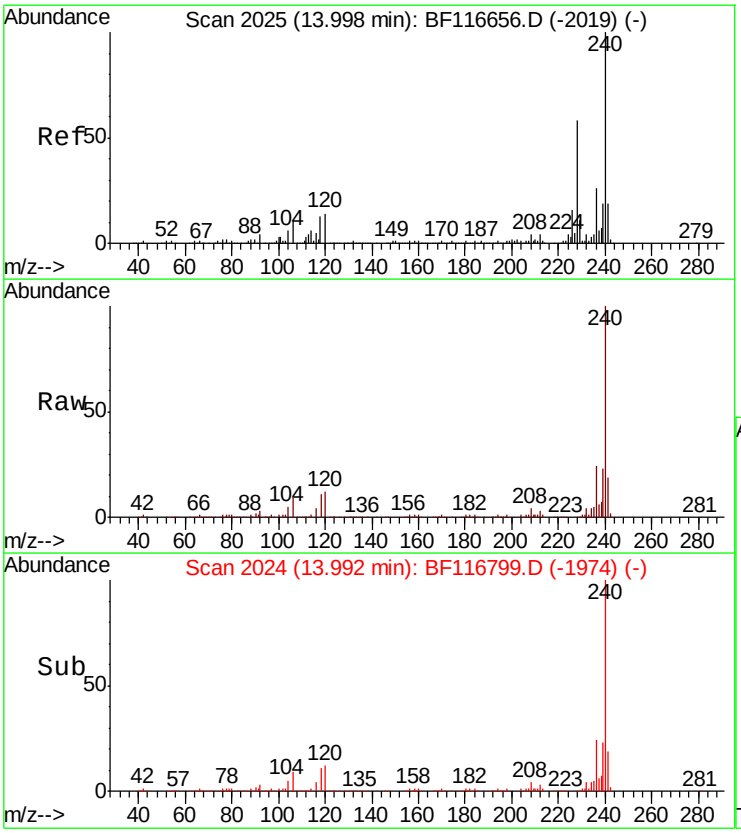
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Instrument :
BNA_F
ClientSampleId :
MM-01

Tgt Ion:188 Resp: 433815

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.3	10.9
80	11.6	8.4	12.6

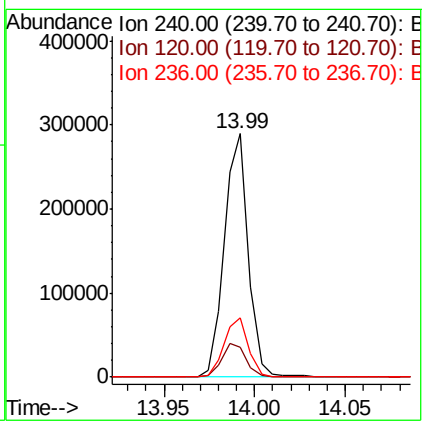


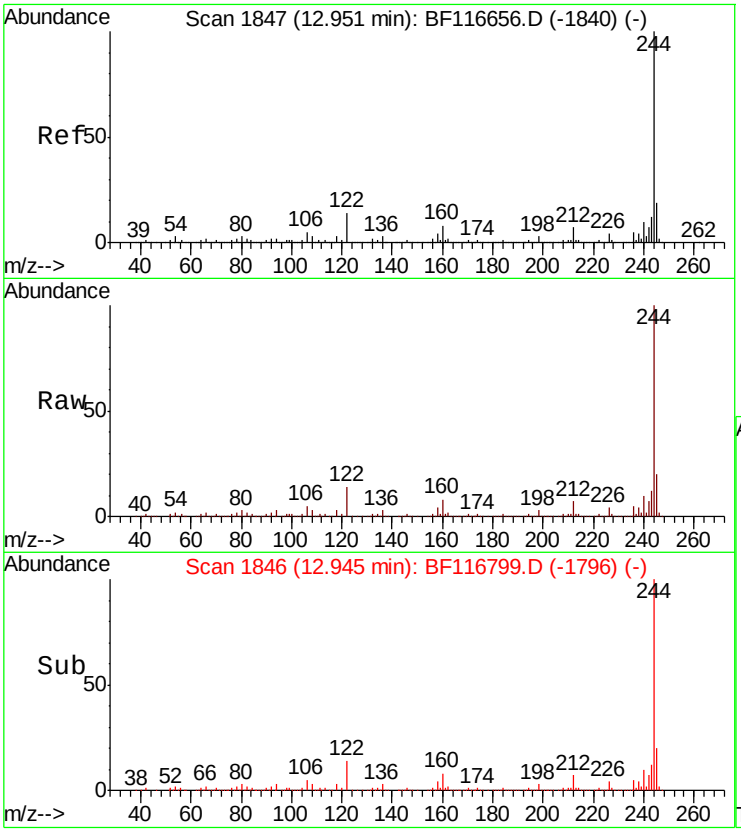


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Tgt Ion:240 Resp: 265863

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.1	13.7
236	24.5	21.1	31.7



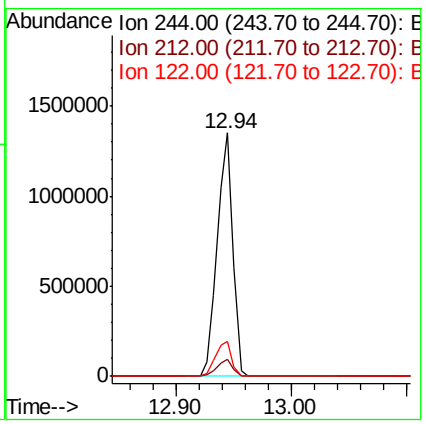


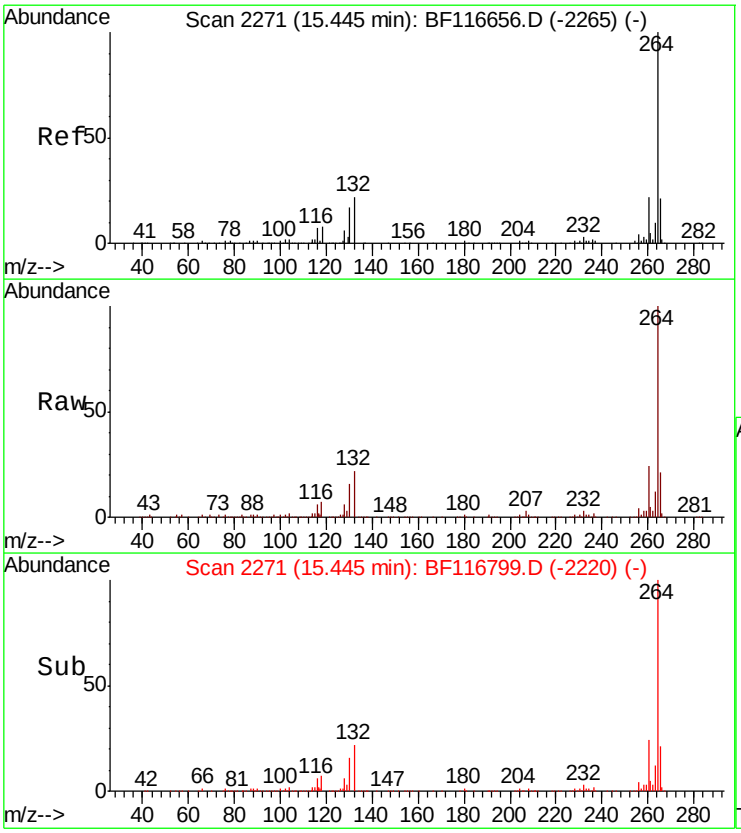
#79
Terphenyl-d14
Concen: 88.389 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Instrument :
BNA_F
ClientSampleId :
MM-01

Tgt Ion:244 Resp: 1270274

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	14.4	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116799.D
Acq: 4 Sep 2019 4:07

Tgt Ion:264 Resp: 299130

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.1	16.5	24.7