Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
Data File : BF116925.D
Acq On : 10 Sep 2019 17:07
Operator : HP/JU
Sample : K4661-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-090519

Quant Time: Sep 10 17:57:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85654	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	328511	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	168215	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	265274	20.00	ng		0.00
76) Chrysene-d12	13.98	240	175218	20.00	ng		0.00
87) Perylene-d12	15.43	264	156285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	609844	115.35	ng		0.02
7) Phenol-d6	6.47	99	743133	107.04	ng		0.00
23) Nitrobenzene-d5	7.39	82	590817	102.67	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	206441	183.58	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	987817	99.06	ng		0.00
79) Terphenyl-d14	12.94	244	965411	101.93	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.13	128	69137	4.426	ng		99
50) Dimethylphthalate	9.58	163	39573	3.407	ng	#	99

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

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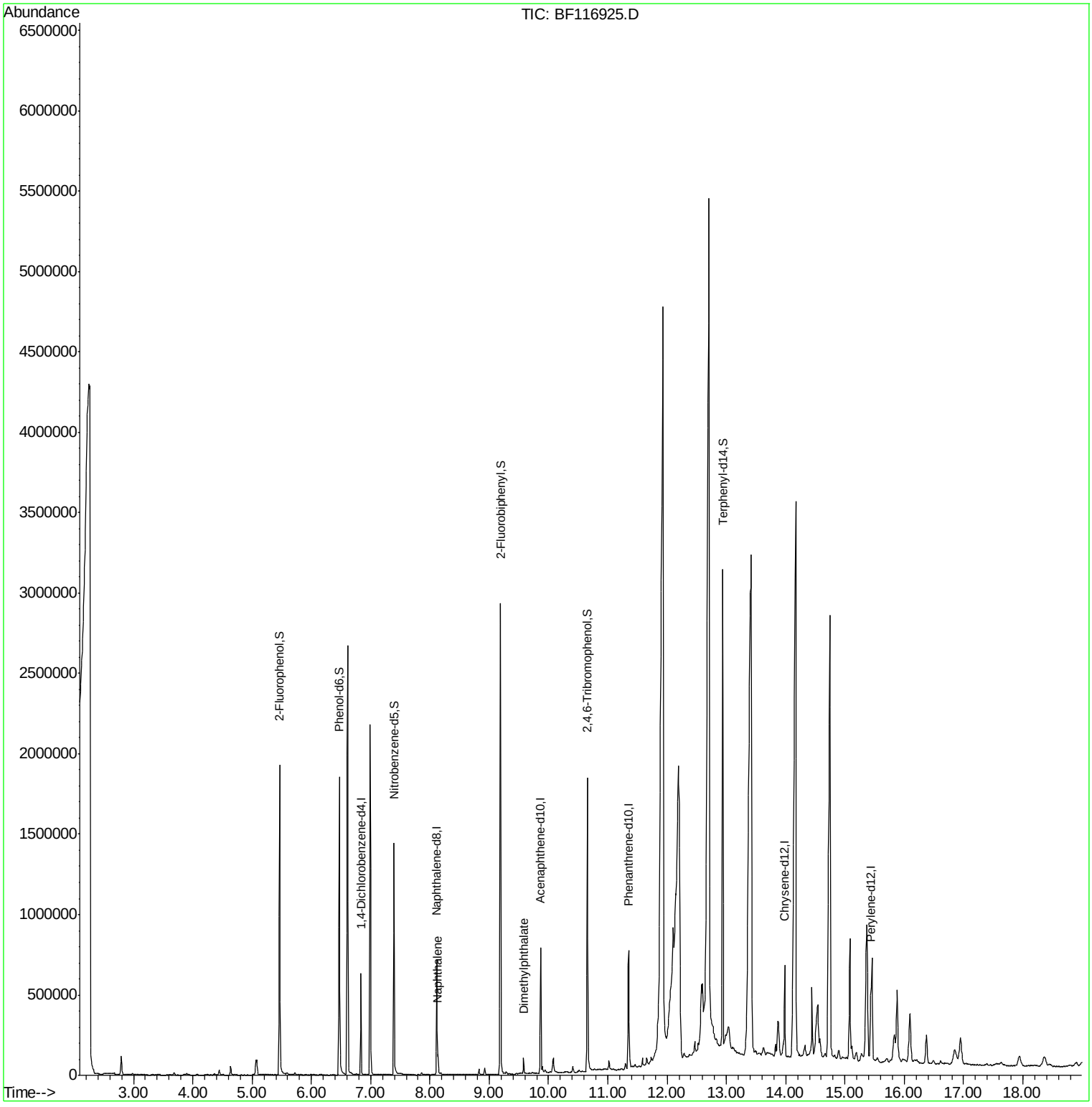
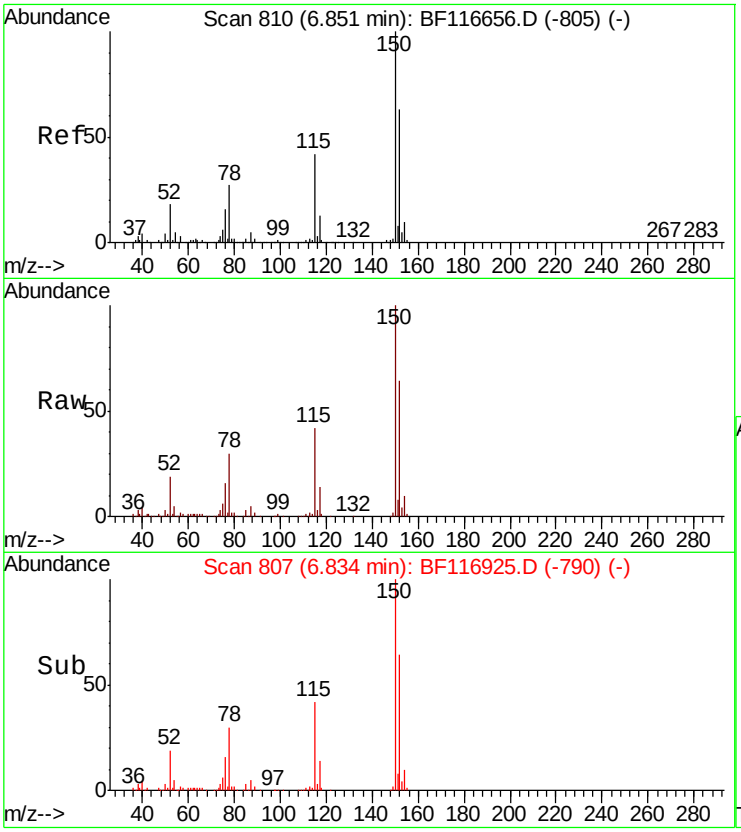


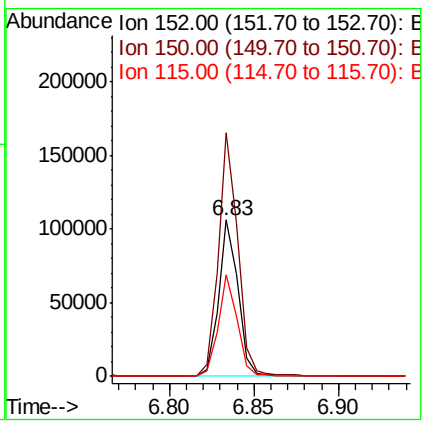


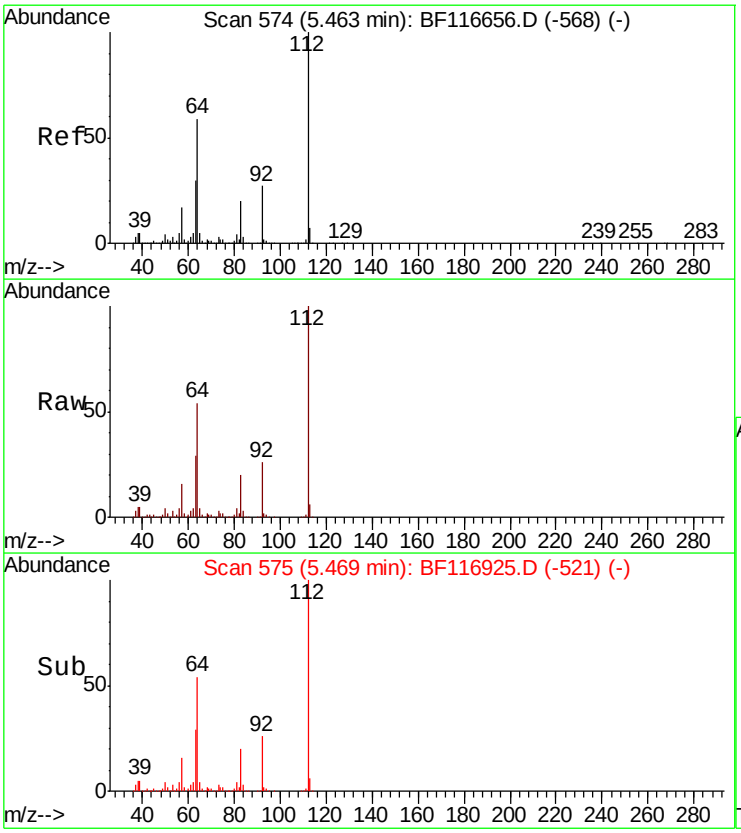
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tgt Ion:152 Resp: 85654

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.4	186.6
115	64.9	49.9	74.9

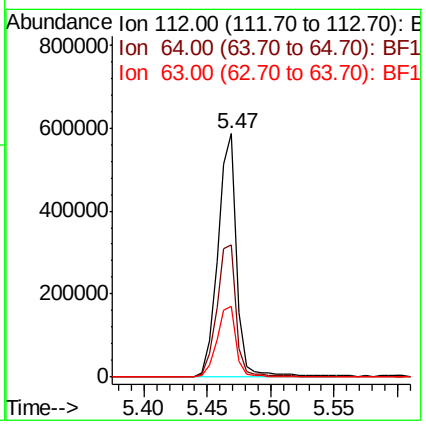


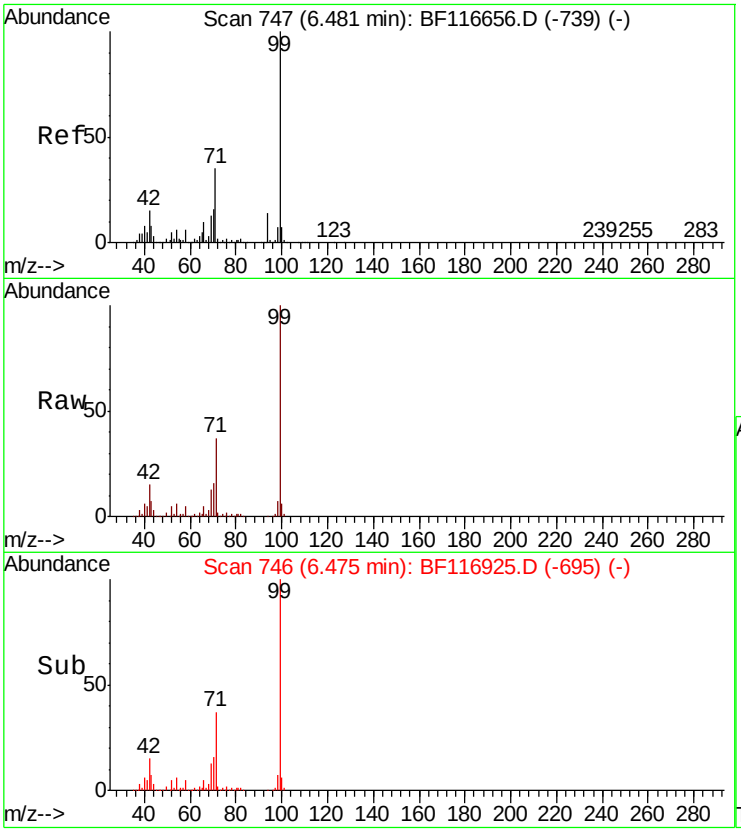


#5
2-Fluorophenol
Concen: 115.346 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:112 Resp: 609844

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.1	70.7
63	29.2	24.9	37.3



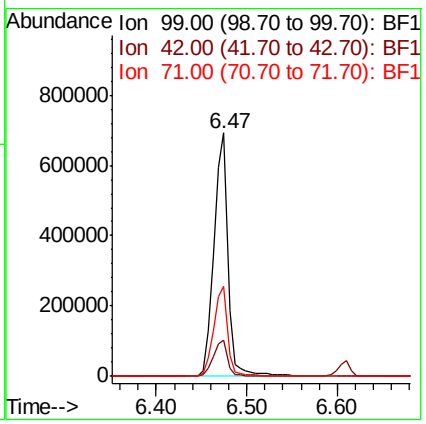


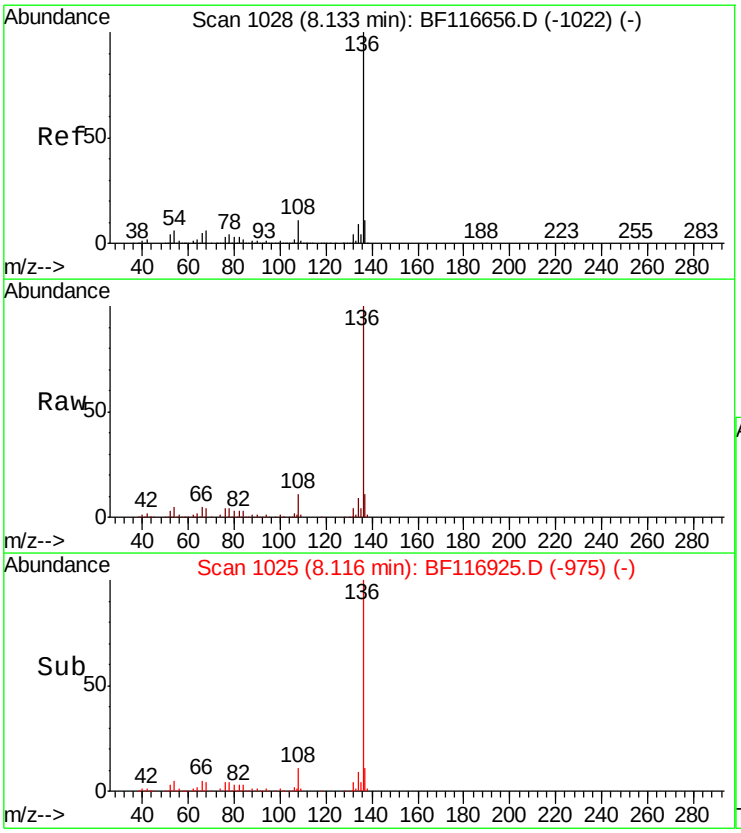
#7
Phenol-d6
Concen: 107.040 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tgt Ion: 99 Resp: 743133

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.7	20.5
71	36.8	30.8	46.2

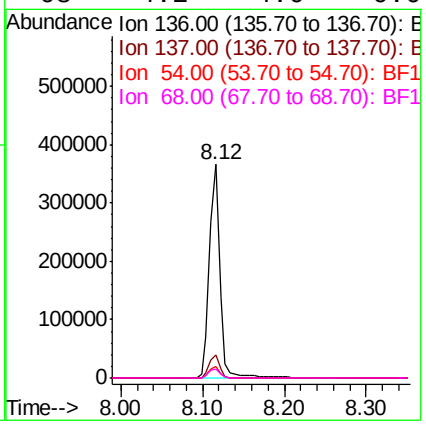


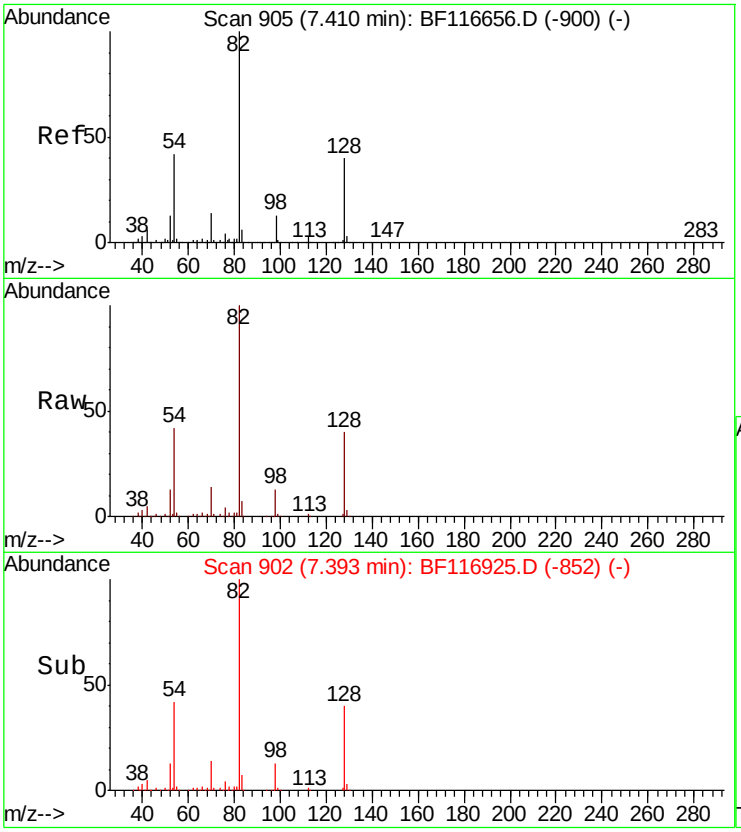


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:136 Resp: 328511

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.2	4.8	7.2
68	4.2	4.0	6.0



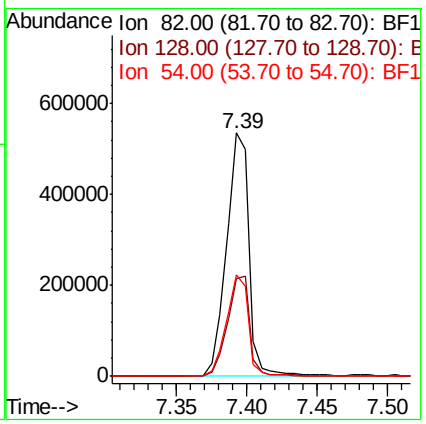


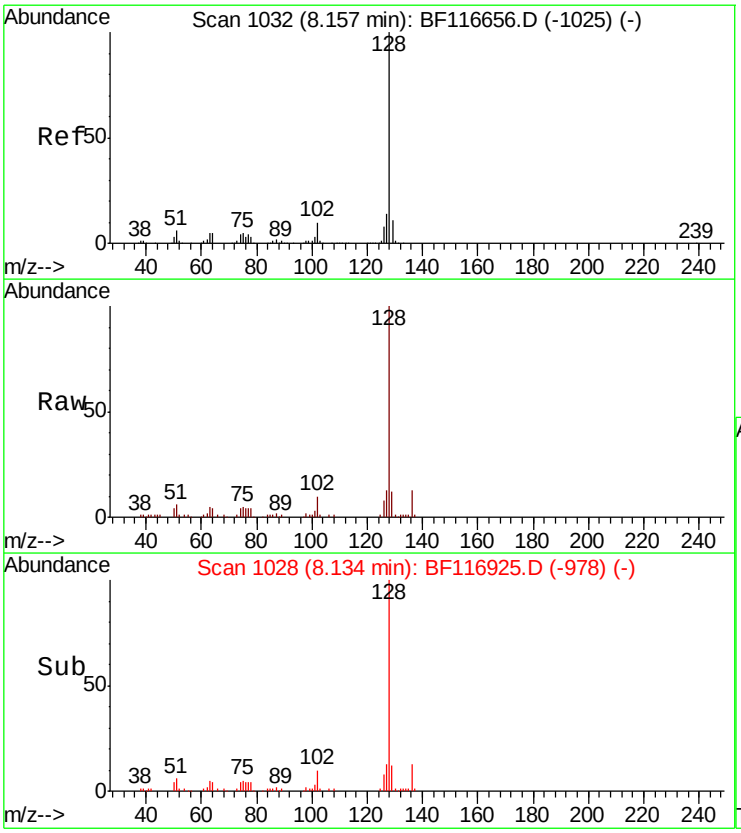
#23
Nitrobenzene-d5
Concen: 102.670 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tgt Ion: 82 Resp: 590817

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.8	49.2
54	41.9	36.9	55.3

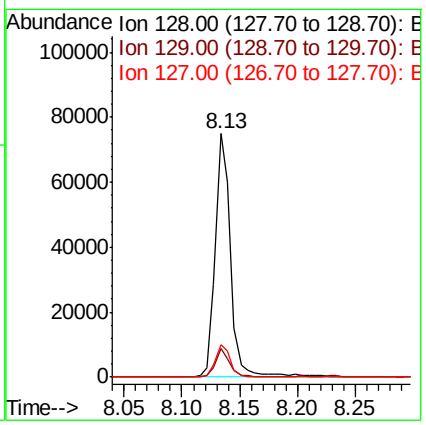


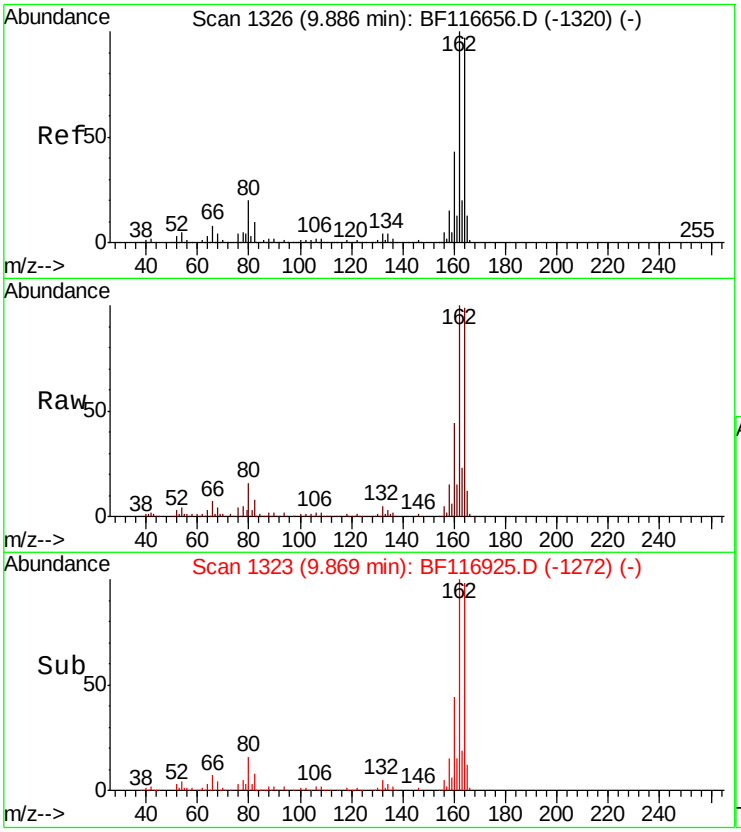


#31
Naphthalene
Concen: 4.426 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:128 Resp: 69137

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.2	10.4	15.6



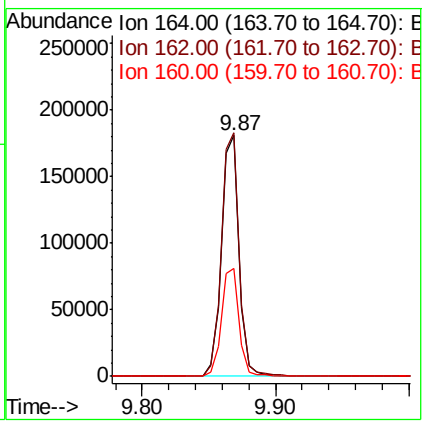


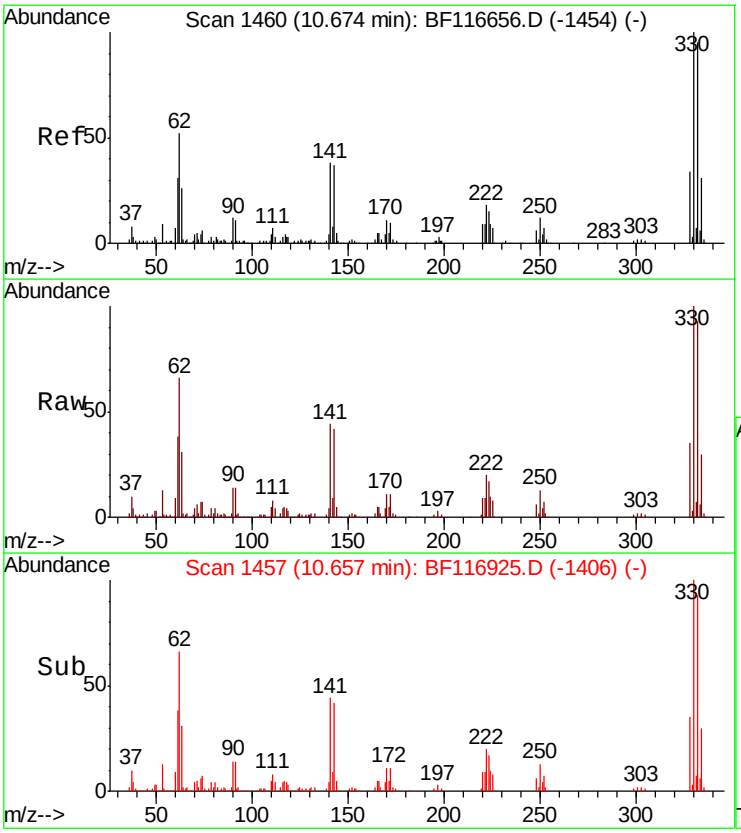
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tgt Ion:164 Resp: 168215

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.0
160	44.6	35.4	53.2

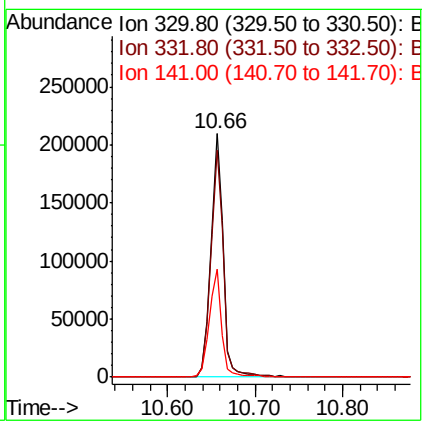


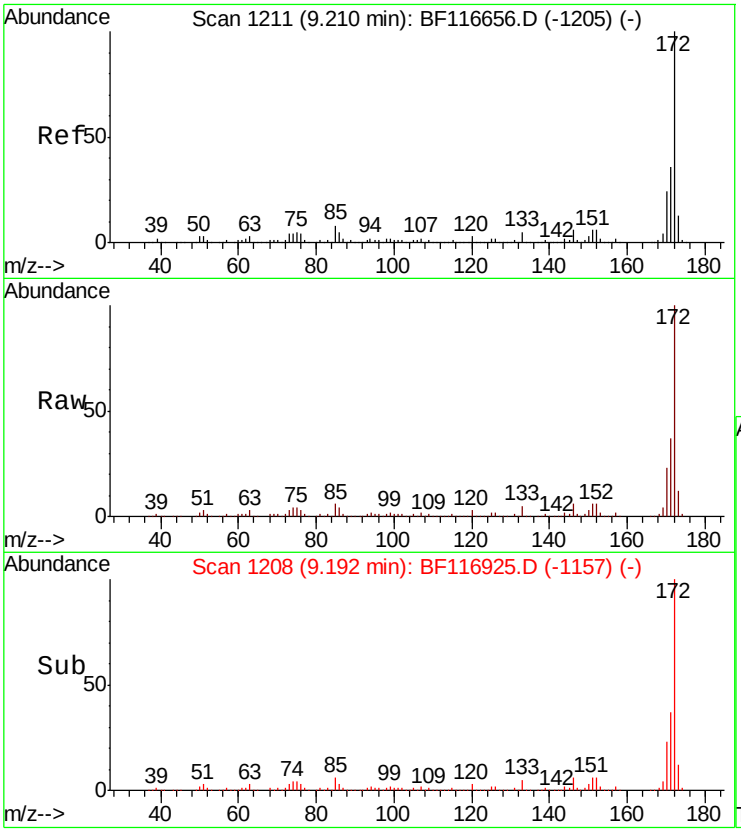


#42
2,4,6-Tribromophenol
Concen: 183.576 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:330 Resp: 206441

Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.9	115.3
141	44.6	31.4	47.2



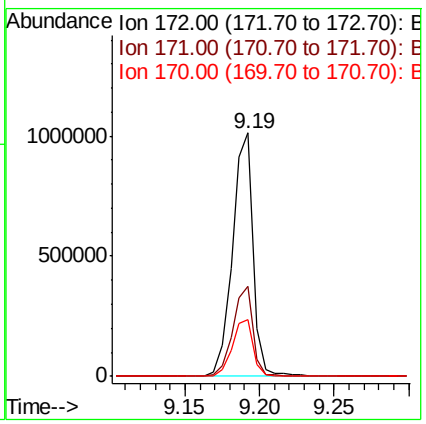


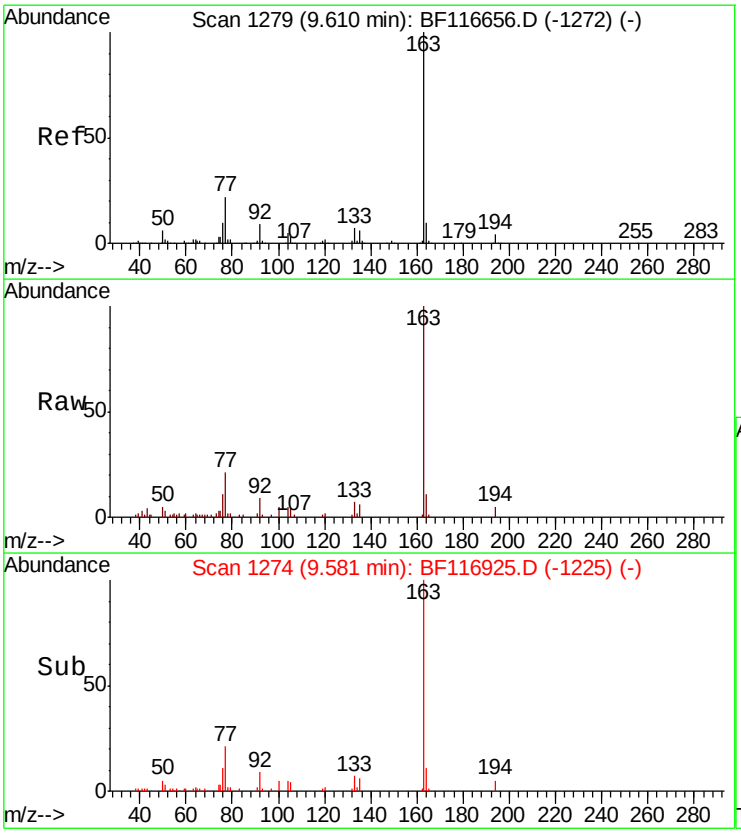
#45
2-Fluorobiphenyl
Concen: 99.060 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tgt Ion:172 Resp: 987817

Ion	Ratio	Lower	Upper
172	100		
171	36.8	27.8	41.6
170	23.5	18.9	28.3

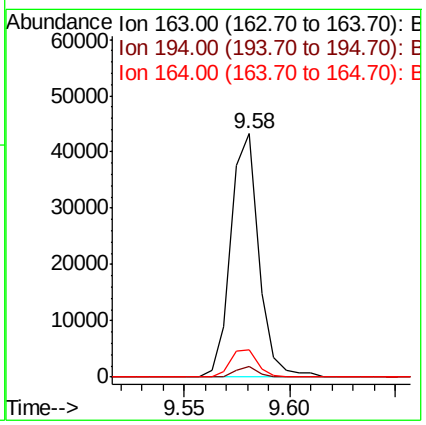


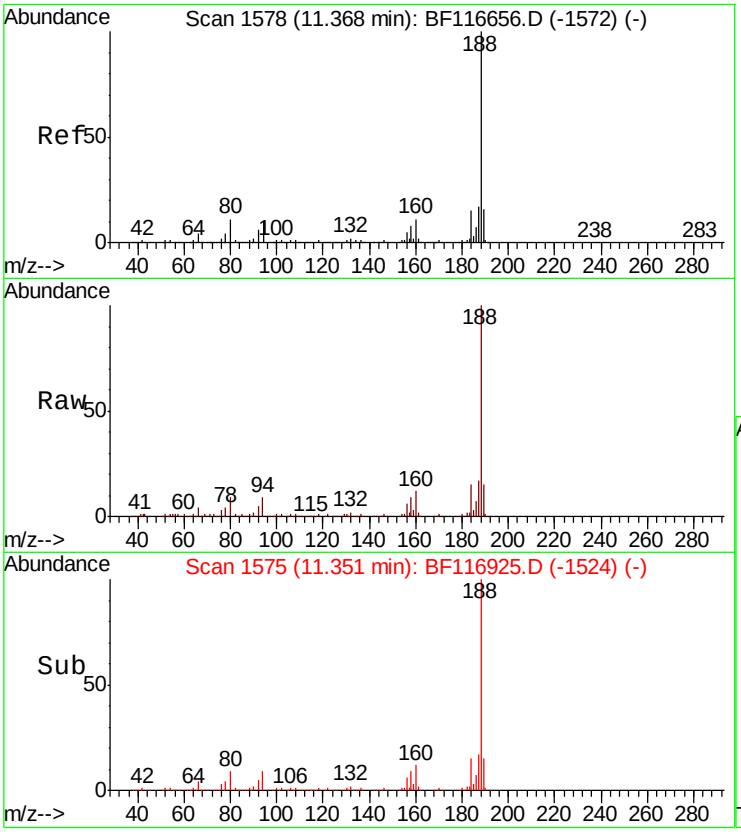


#50
Dimethylphthalate
Concen: 3.407 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:163 Resp: 39573

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.8	4.2#
164	11.0	8.6	12.8



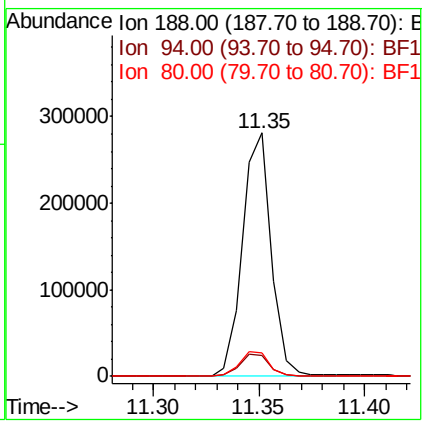


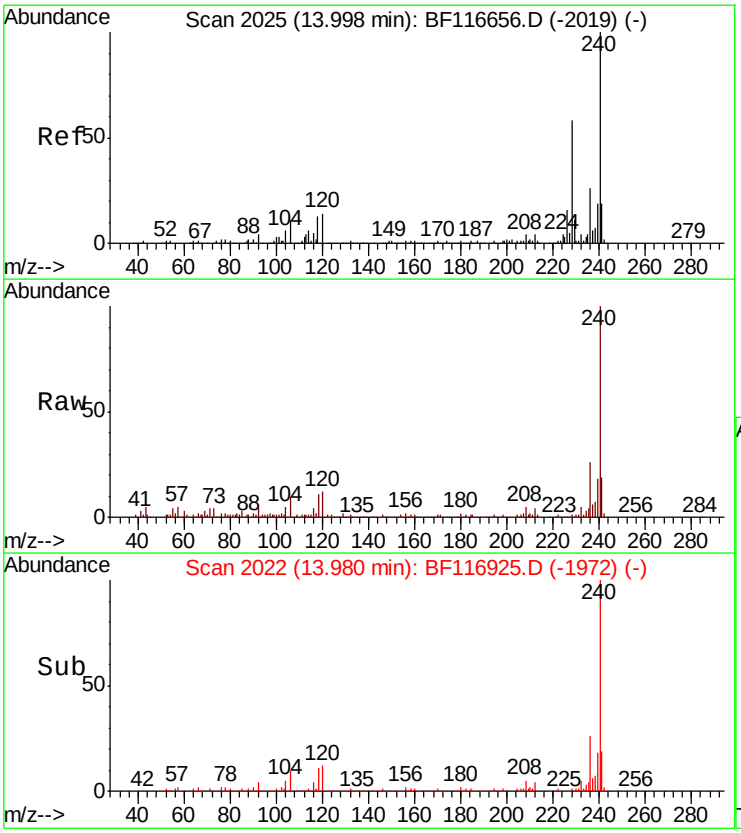
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tgt Ion:188 Resp: 265274

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.5	8.4	12.6

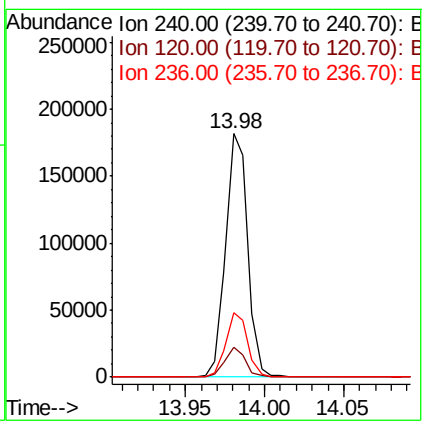


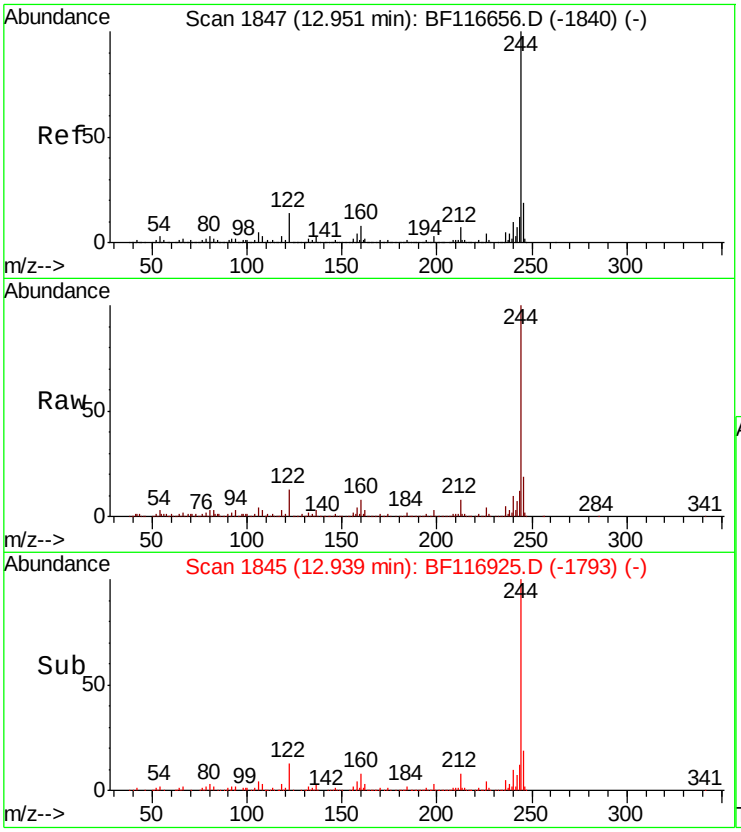


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:240 Resp: 175218

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.1	13.7
236	26.2	21.1	31.7



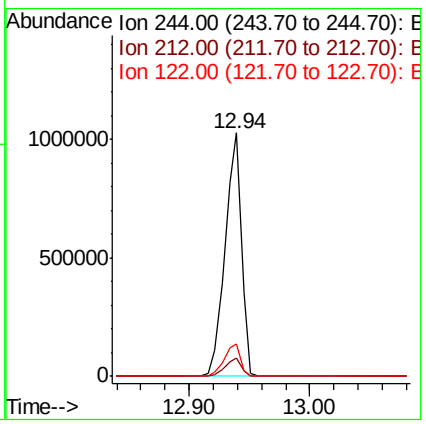


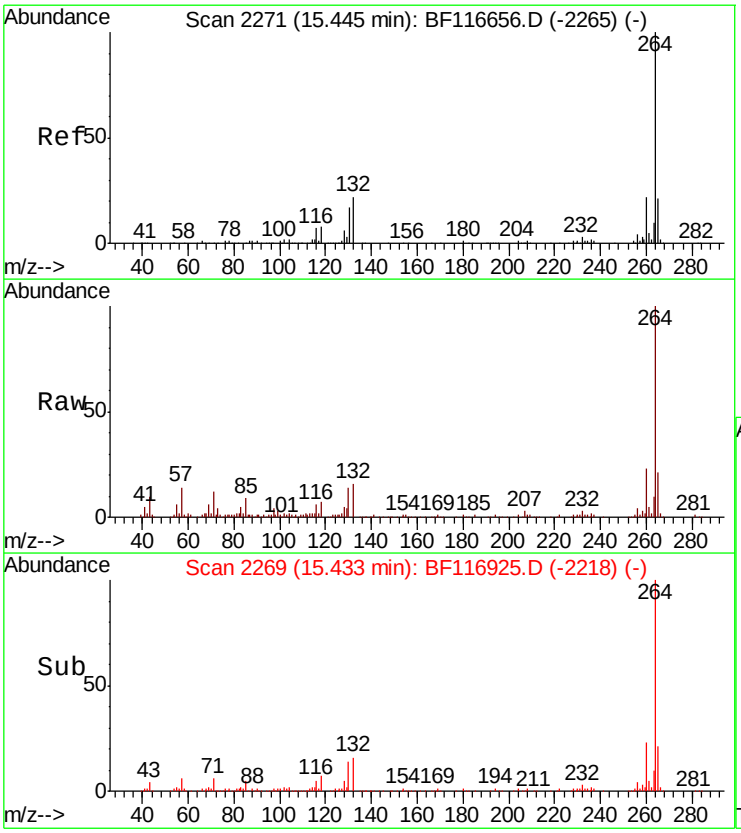
#79
Terphenyl-d14
Concen: 101.928 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Instrument :
BNA_F
ClientSampleId :
HD-01-090519

Tgt Ion:244 Resp: 965411

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	13.3	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116925.D
Acq: 10 Sep 2019 17:07

Tgt Ion:264 Resp: 156285

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.1	16.5	24.7