Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115910.D
Acq On : 1 Aug 2019 17:02
Operator : HP/JU
Sample : K4079-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TANK-4

Quant Time: Aug 02 05:52:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132830	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	489961	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	249578	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	379260	20.00	ng	0.00
76) Chrysene-d12	14.02	240	273455	20.00	ng	0.00
87) Perylene-d12	15.49	264	331860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	343834	43.33	ng	0.00
7) Phenol-d6	6.48	99	261313	26.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	838646	98.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	223240	92.26	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1386006	104.02	ng	0.00
79) Terphenyl-d14	12.96	244	1095073	84.38	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	42779	3.629	ng	93
50) Dimethylphthalate	9.60	163	110129	6.481	ng	100

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

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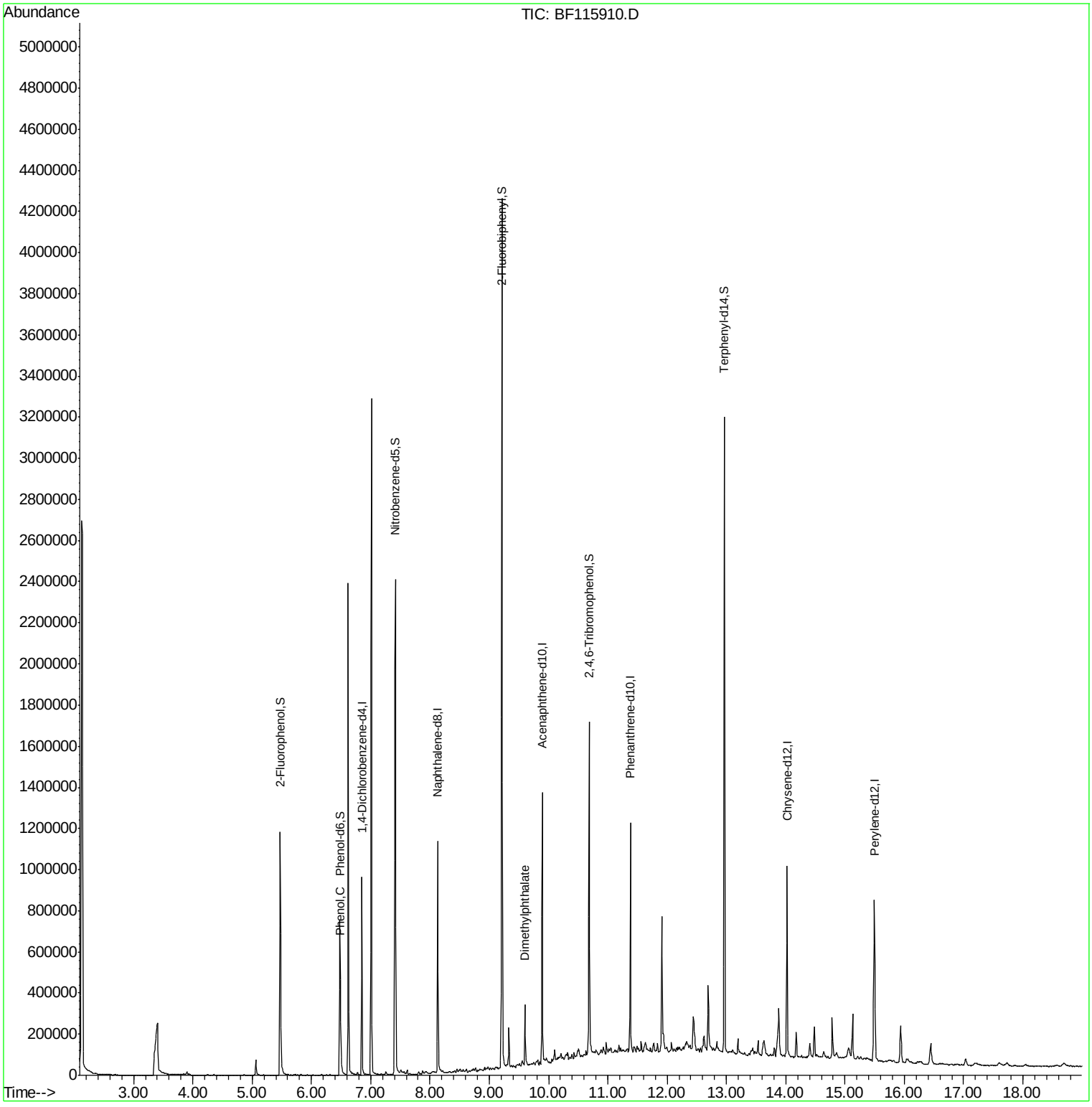
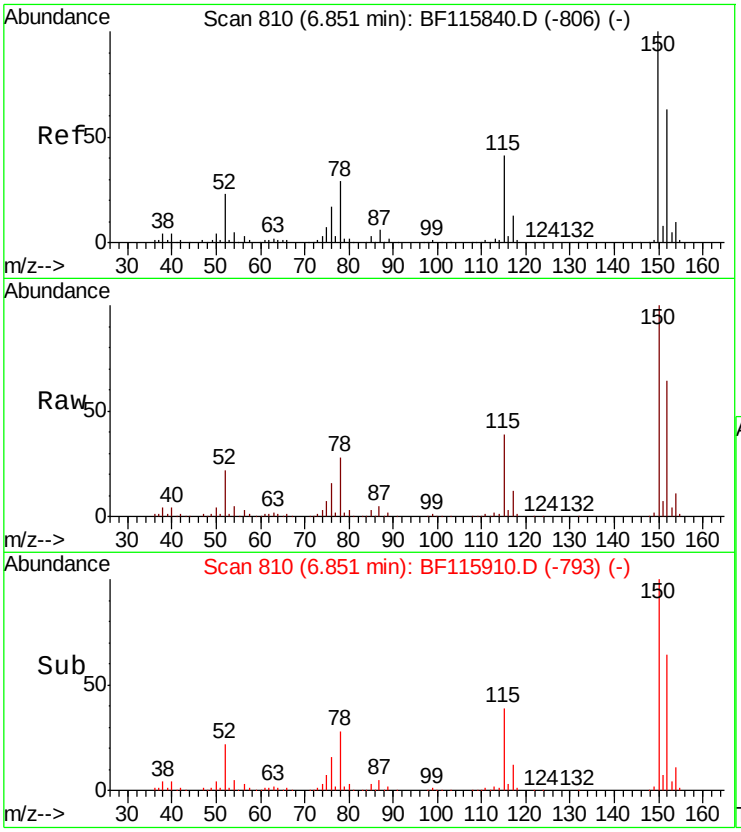


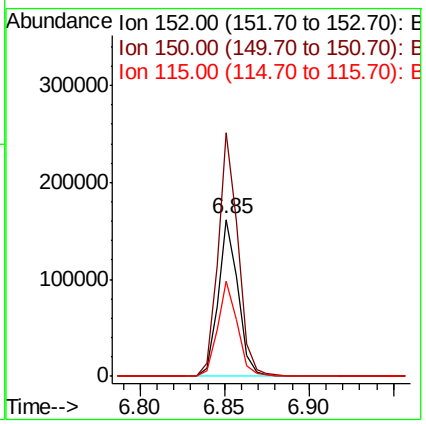


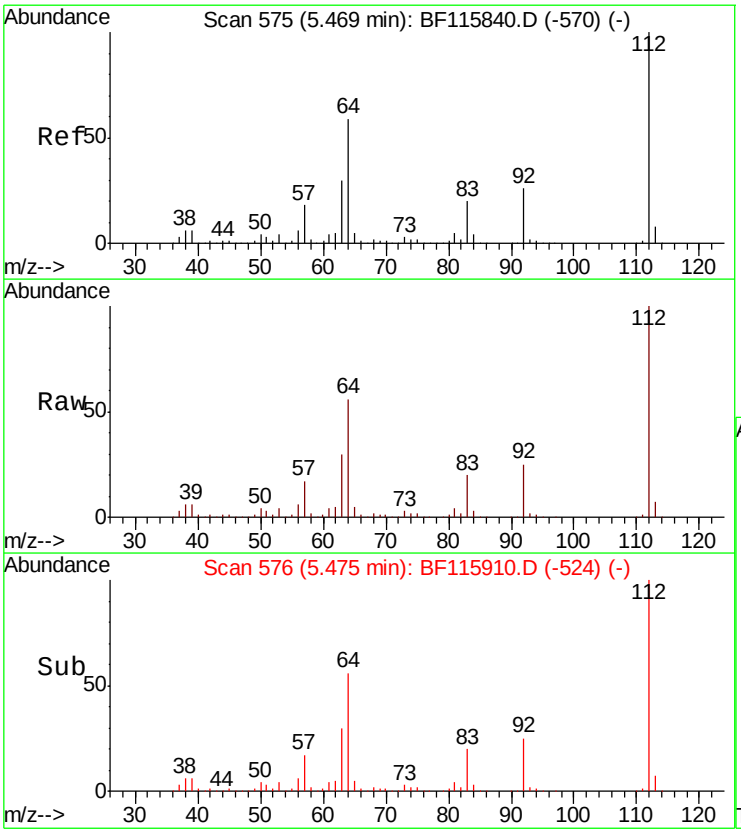
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tgt Ion:152 Resp: 132830

Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	60.5	51.8	77.8

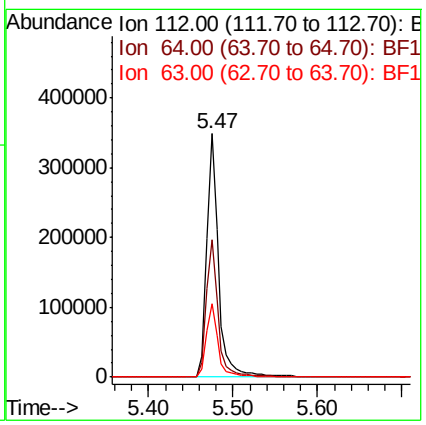


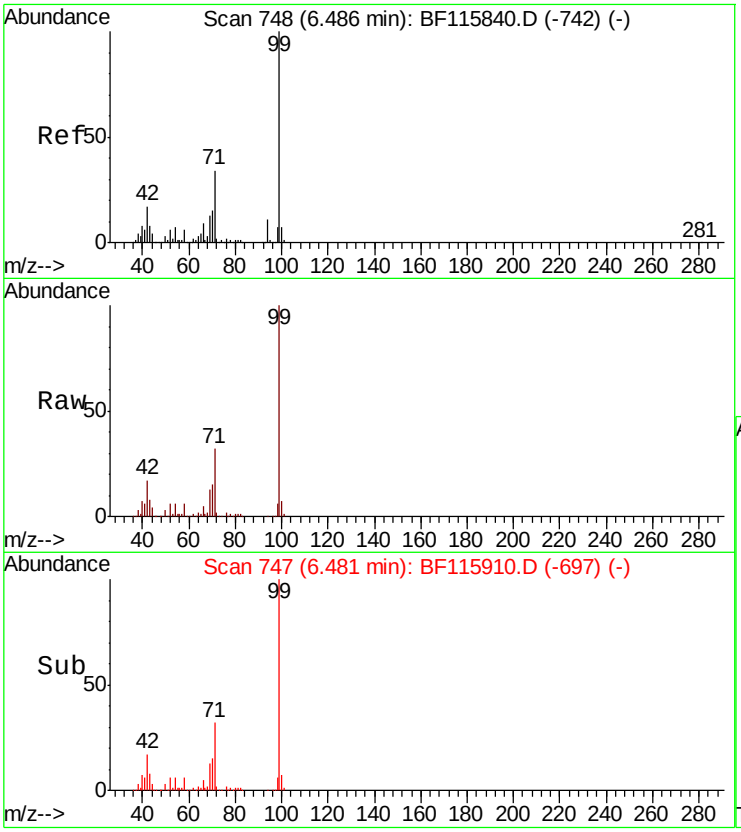


#5
2-Fluorophenol
Concen: 43.334 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:112 Resp: 343834

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.8	70.2
63	30.0	24.2	36.2



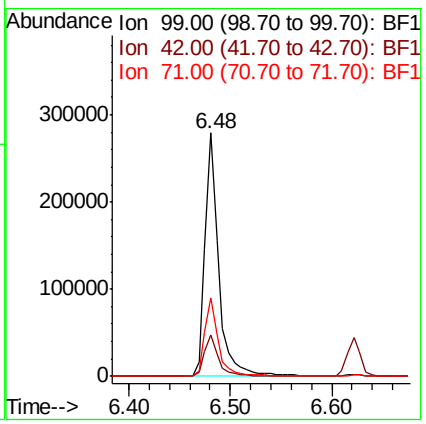


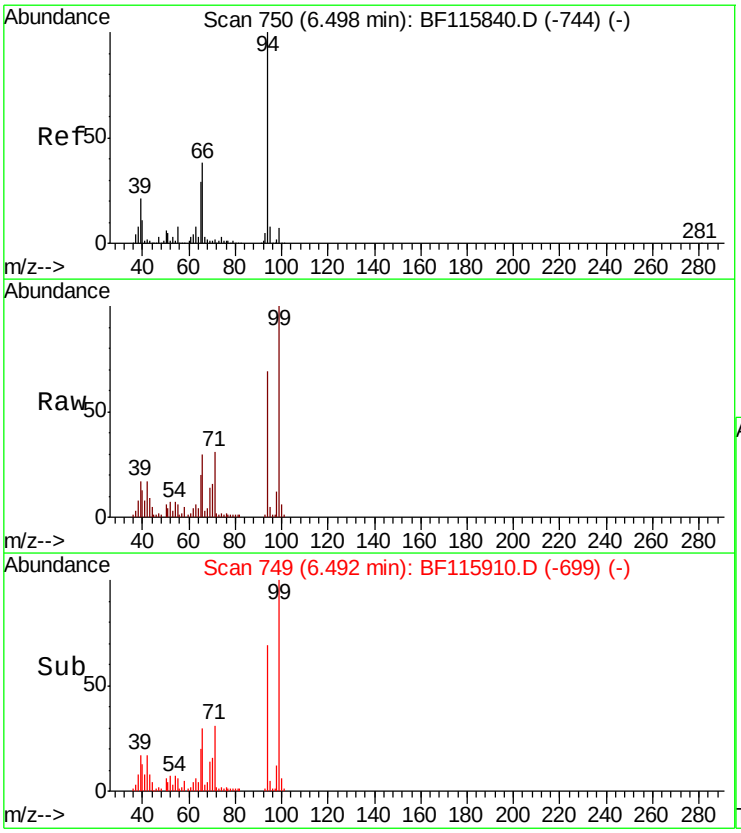
#7
Phenol-d6
Concen: 26.103 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tgt Ion: 99 Resp: 261313

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	32.4	27.1	40.7

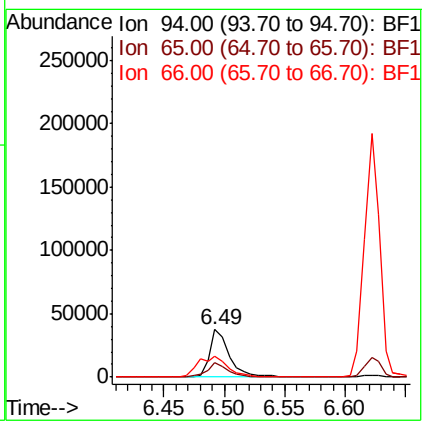


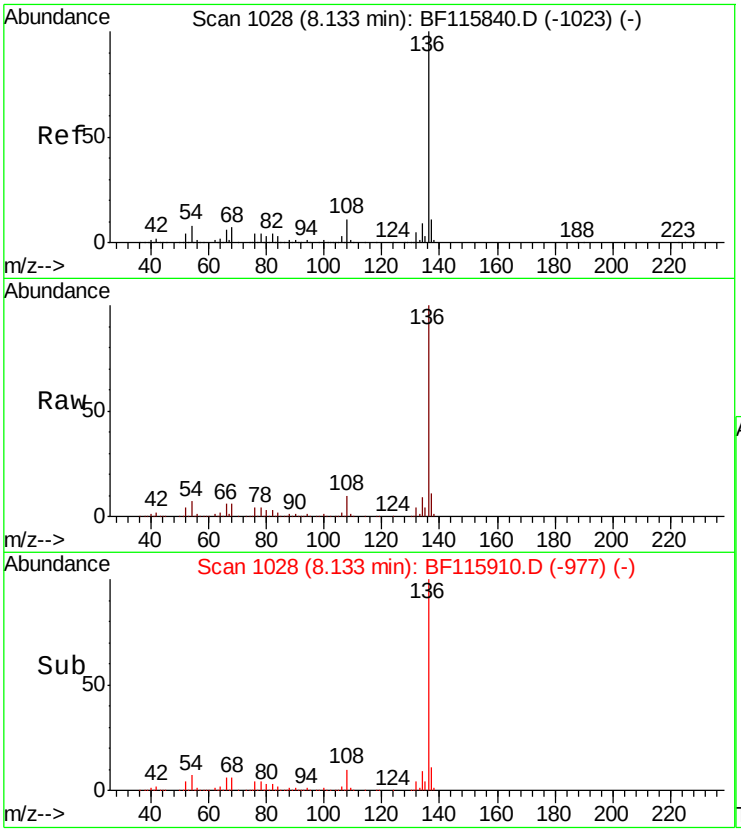


#10
Phenol
Concen: 3.629 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion: 94 Resp: 42779

Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.9	48.9
66	44.3	18.0	58.0



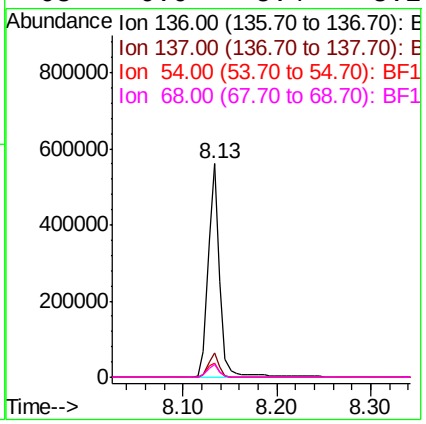


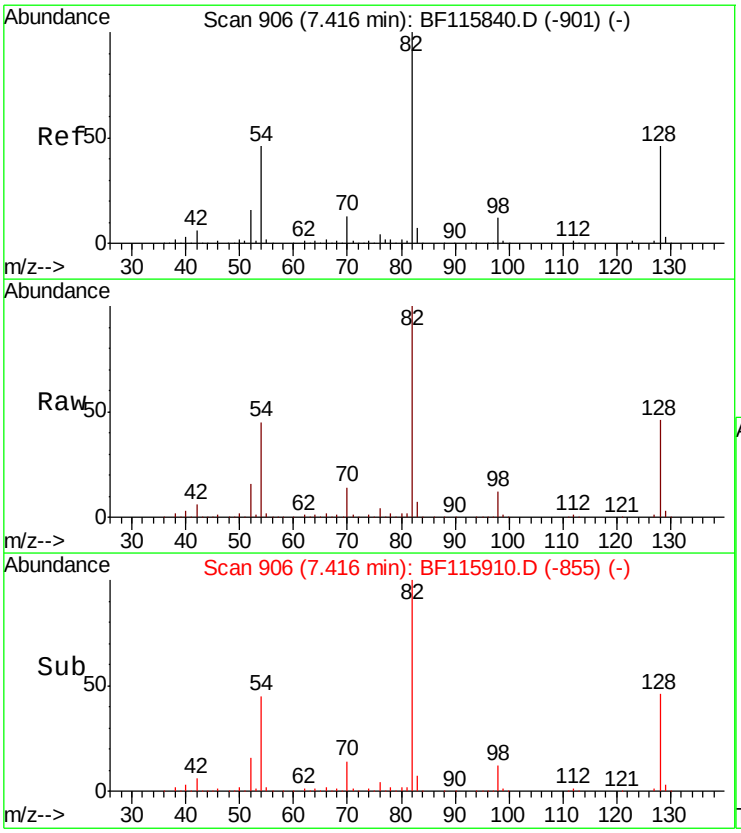
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tgt Ion:136 Resp: 489961

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.8	6.1	9.1
68	6.0	5.4	8.2

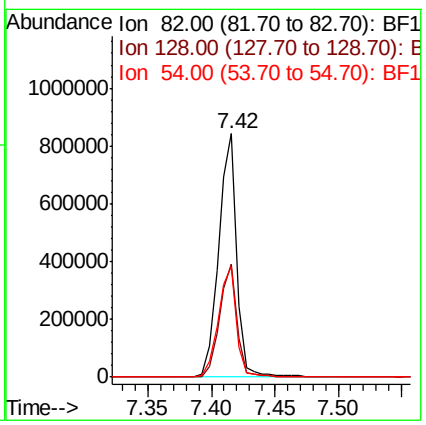


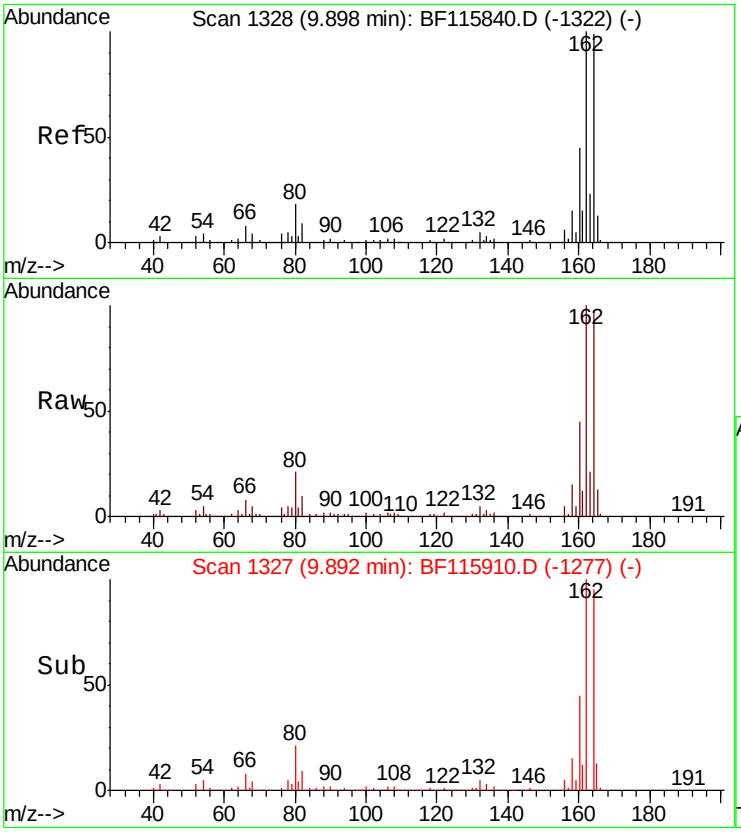


#23
Nitrobenzene-d5
Concen: 98.802 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion: 82 Resp: 838646

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.6	55.0
54	45.2	36.6	55.0



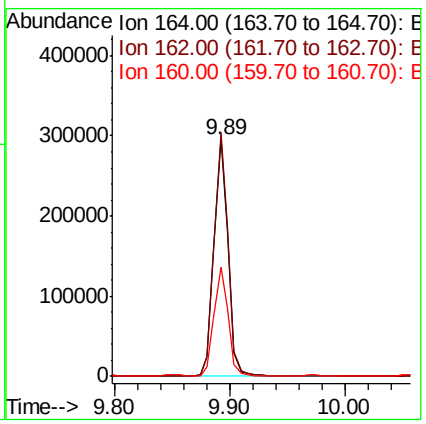


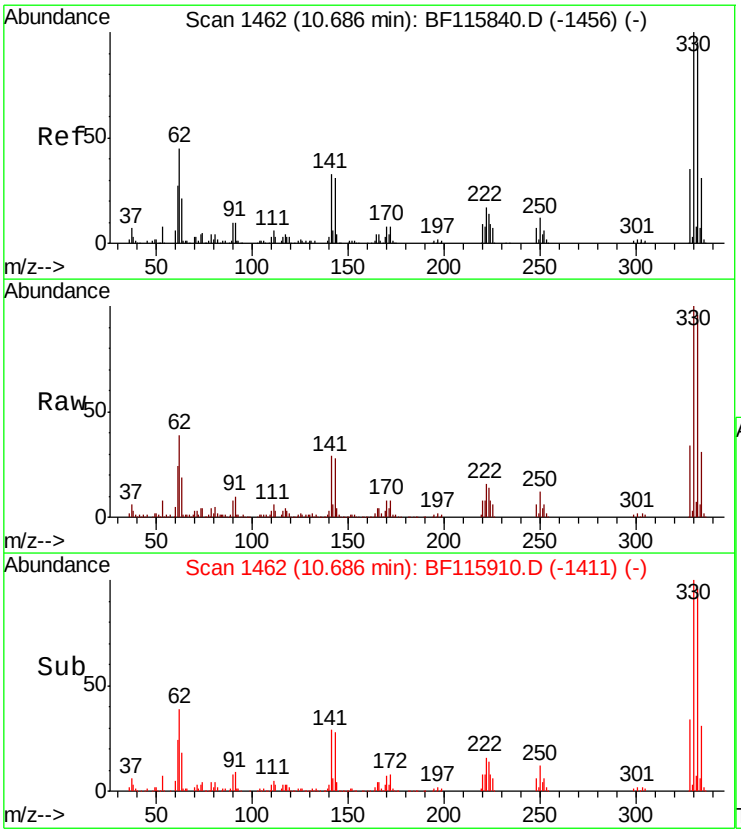
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tgt Ion:164 Resp: 249578

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	46.2	36.2	54.4

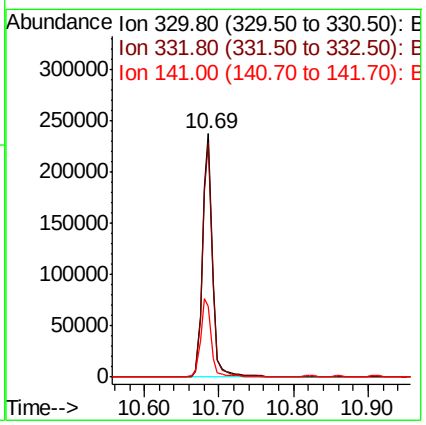


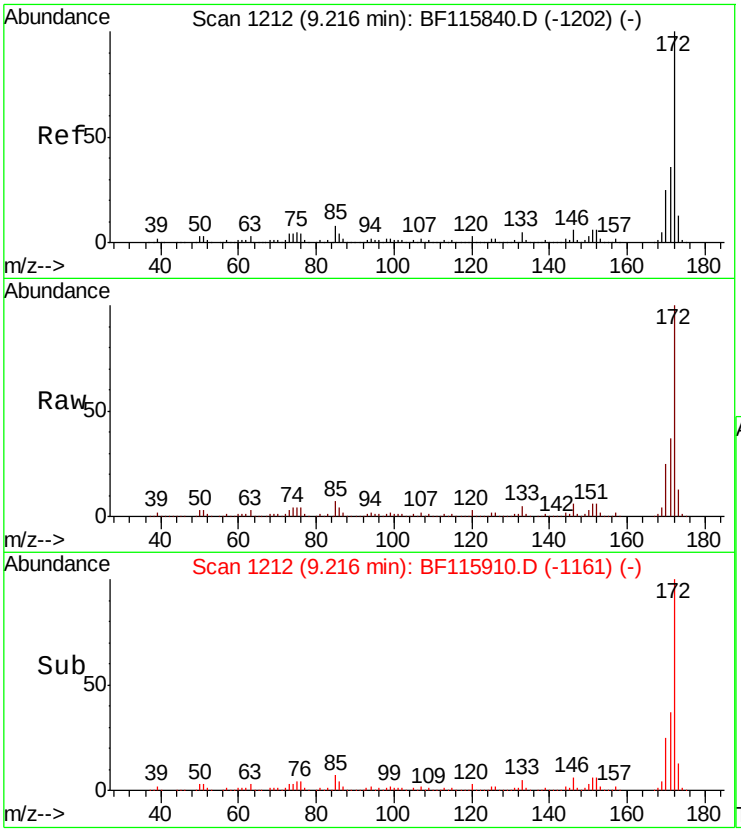


#42
2,4,6-Tribromophenol
Concen: 92.258 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:330 Resp: 223240

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	34.6	28.1	42.1

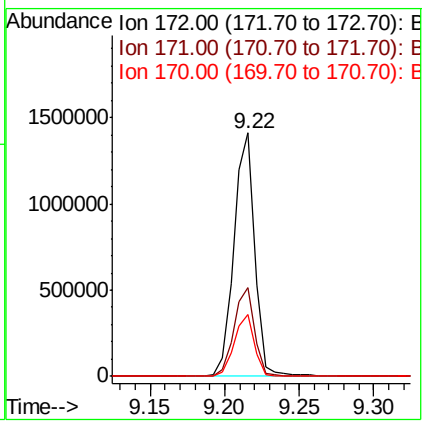




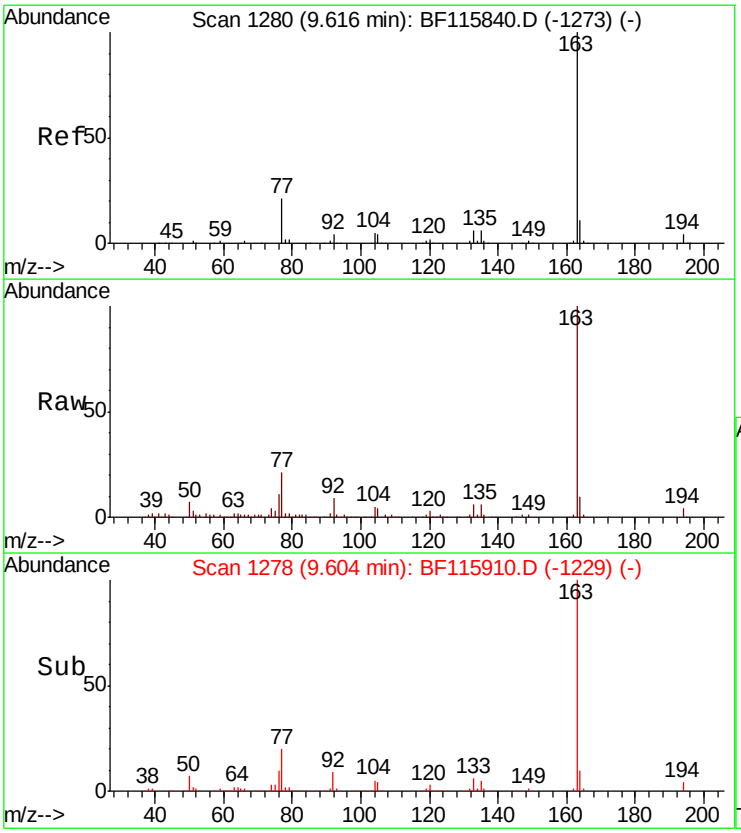
#45
2-Fluorobiphenyl
Concen: 104.019 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:172 Resp: 1386006

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	25.2	20.1	30.1



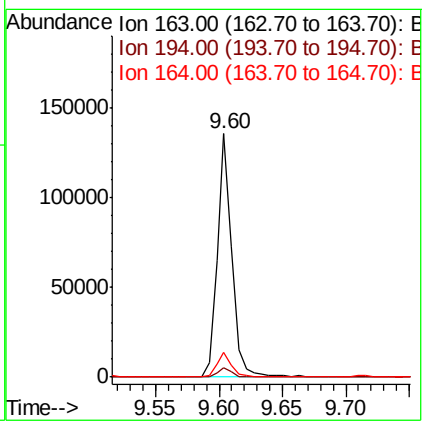
Instrument :
BNA_F
ClientSampleId :
TANK-4

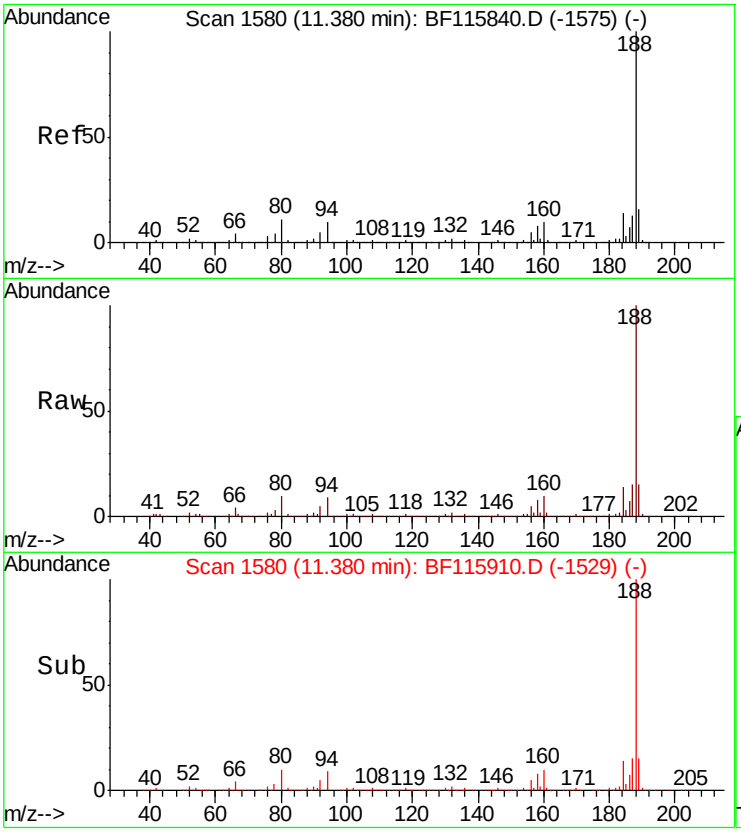


#50
Dimethylphthalate
Concen: 6.481 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:163 Resp: 110129

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.4	12.6



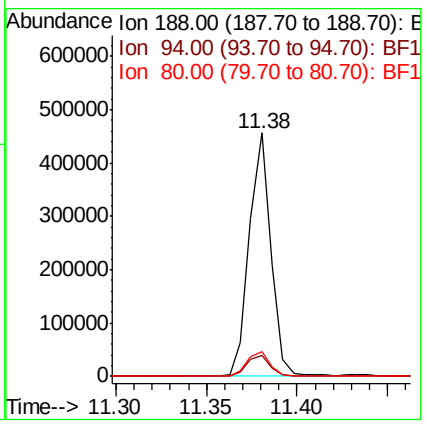


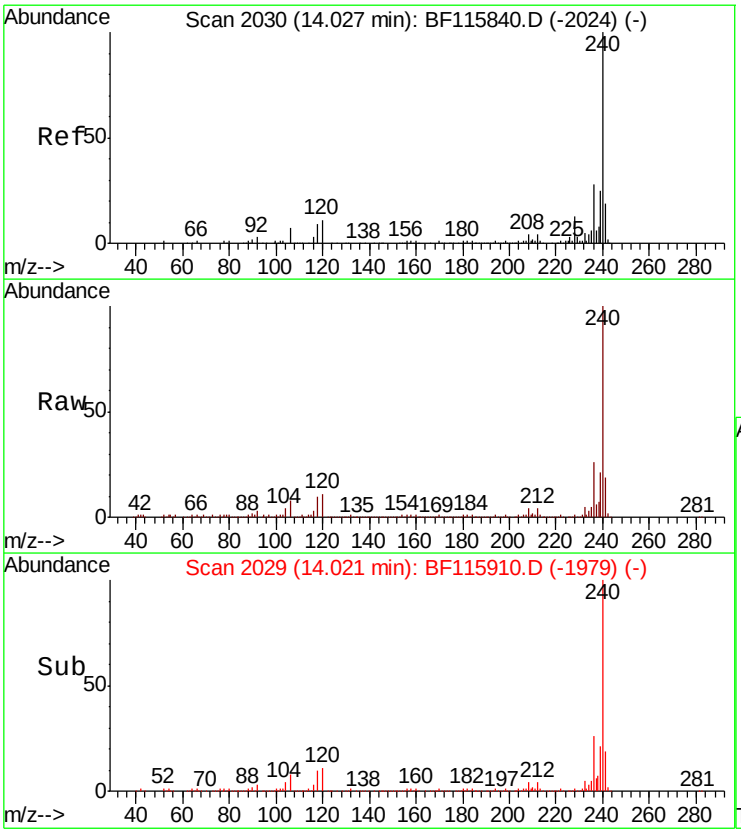
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tgt Ion:188 Resp: 379260

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	10.0	8.6	12.8

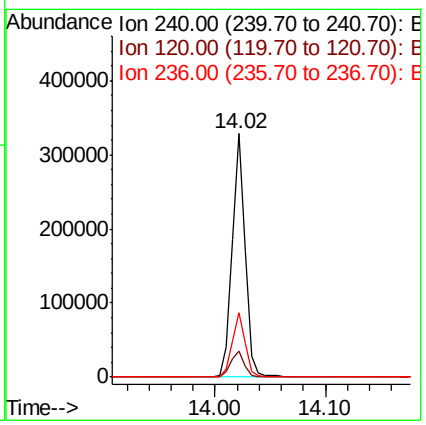


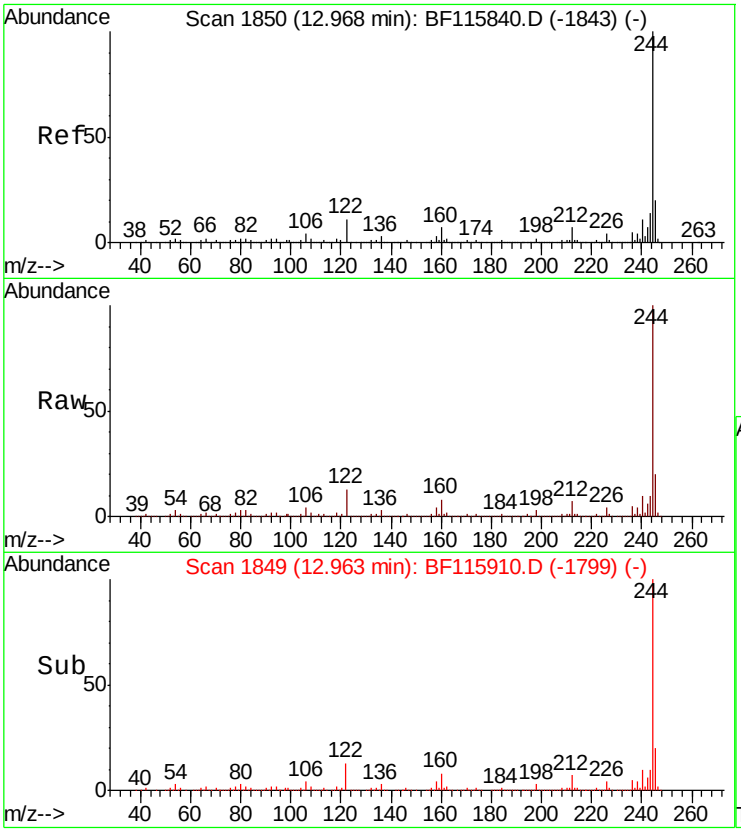


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:240 Resp: 273455

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.5	12.7
236	26.4	22.2	33.2



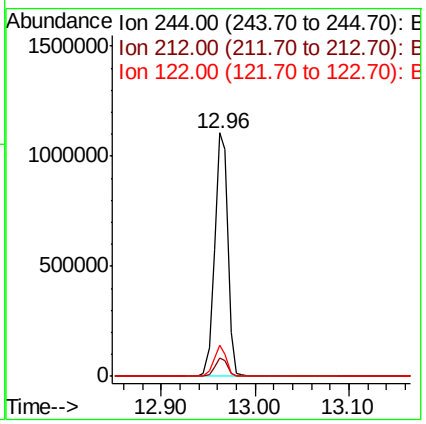


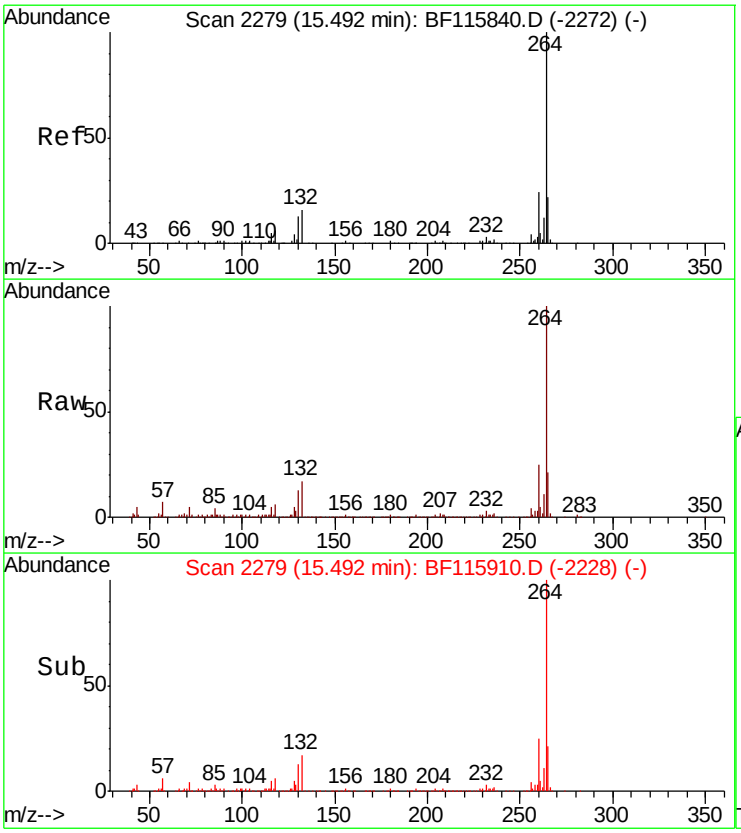
#79
Terphenyl-d14
Concen: 84.383 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tgt Ion:244 Resp: 1095073

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	12.9	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:264 Resp: 331860

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	17.5	26.3