Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072619\
Data File : BF115814.D
Acq On : 27 Jul 2019 3:41
Operator : HP/JU
Sample : K4011-01 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-COMP-OS

Quant Time: Jul 27 04:26:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	119593	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	468438	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	227092	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	342077	20.00	ng	0.00
76) Chrysene-d12	14.03	240	285523	20.00	ng	0.00
87) Perylene-d12	15.51	264	283358	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	25582	3.50	ng	0.00
7) Phenol-d6	6.50	99	38773	4.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	21233	2.64	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	6440	2.43	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	54542	4.20	ng	0.00
79) Terphenyl-d14	12.97	244	50536	3.27	ng	0.00
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.90	165	28302	7.289	ng	# 25
57) 2,4-Dinitrotoluene	9.90	165	29623	5.889	ng	# 25

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

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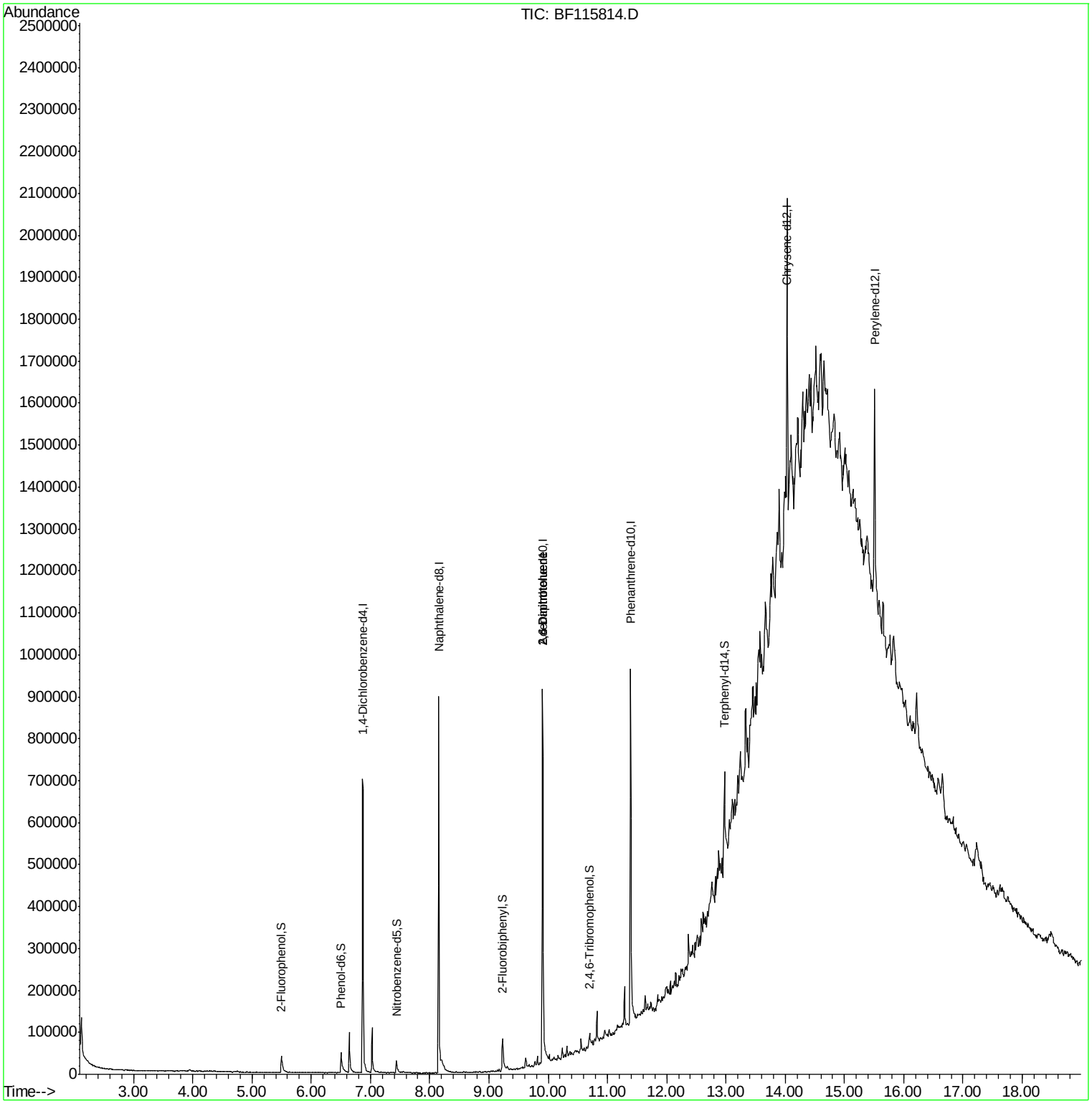
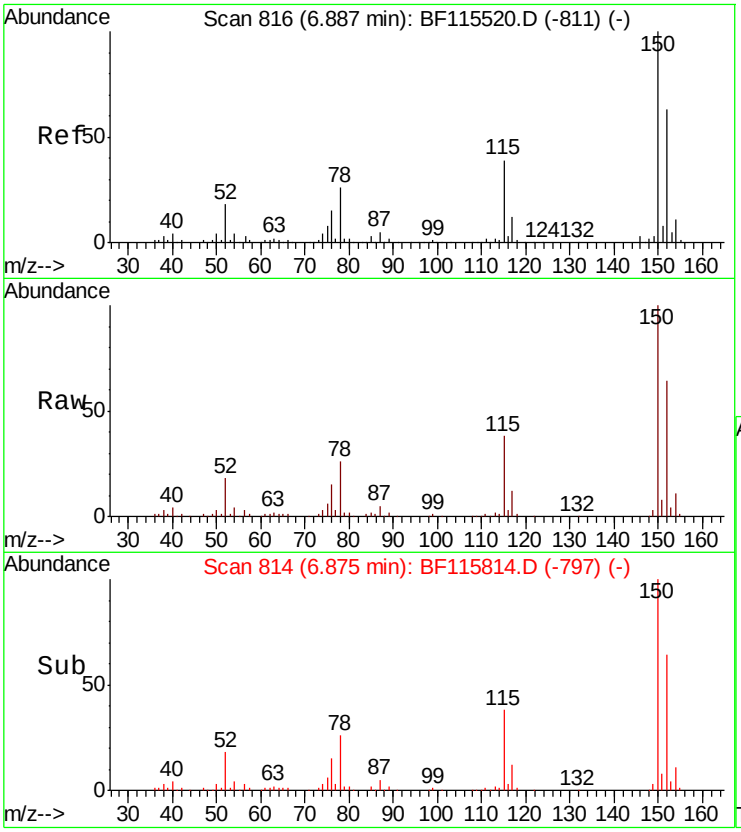


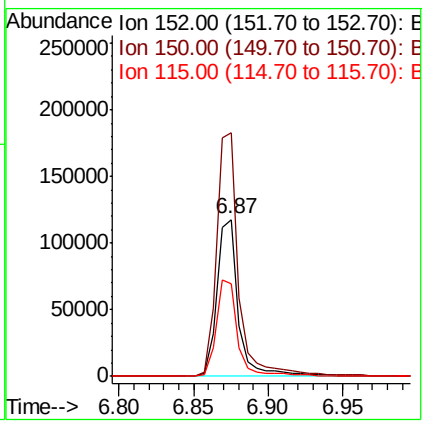


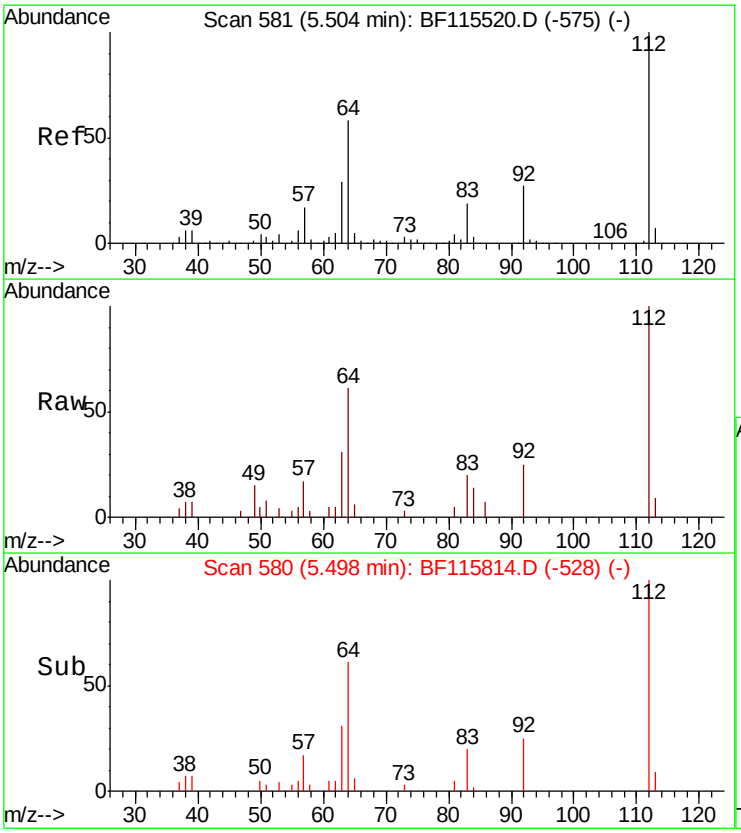
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion:152 Resp: 119593

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	58.8	47.8	71.6

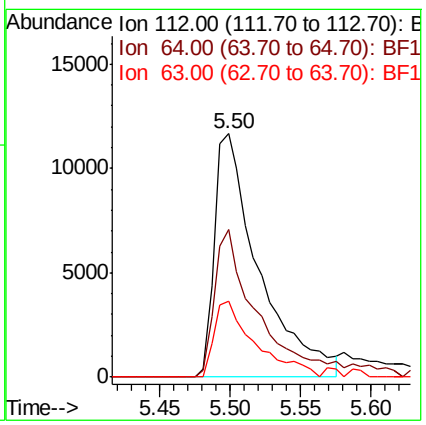


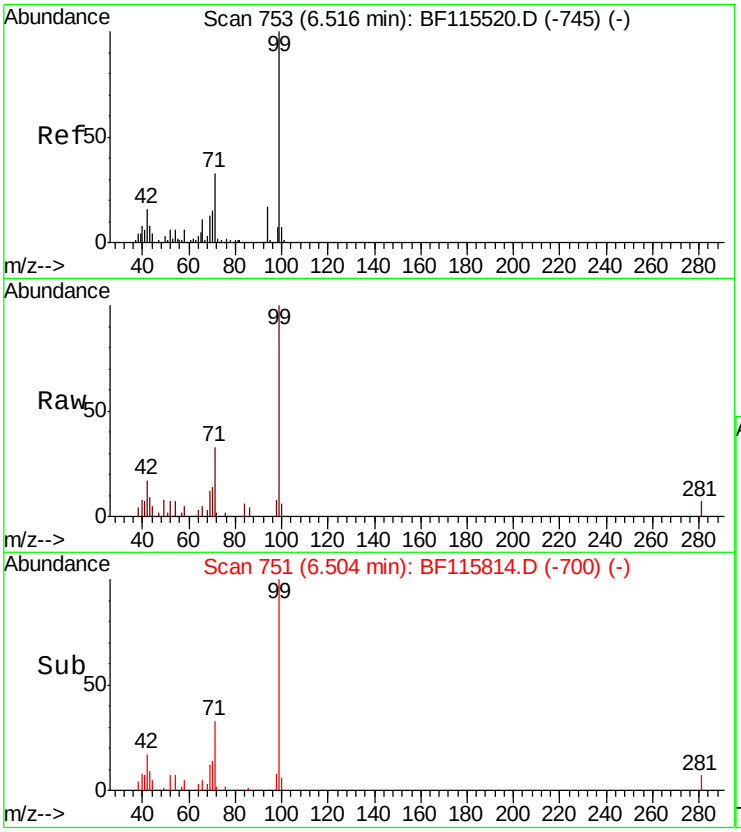


#5
2-Fluorophenol
Concen: 3.499 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:112 Resp: 25582

Ion	Ratio	Lower	Upper
112	100		
64	60.5	45.8	68.8
63	31.2	23.6	35.4



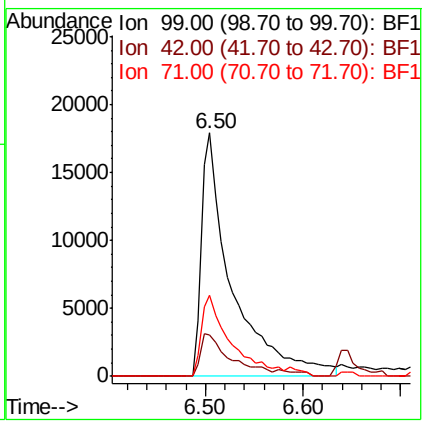


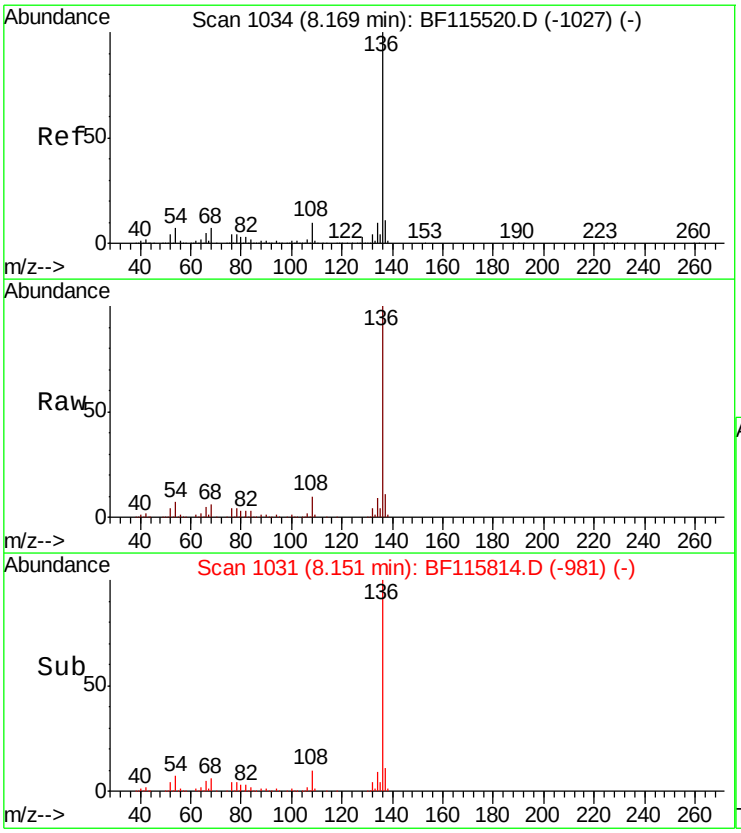
#7
Phenol-d6
Concen: 4.179 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion: 99 Resp: 38773

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.2
71	33.4	26.7	40.1

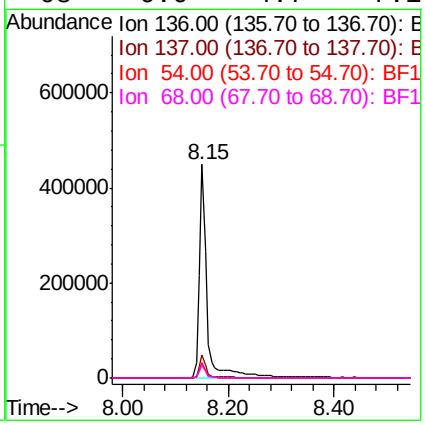


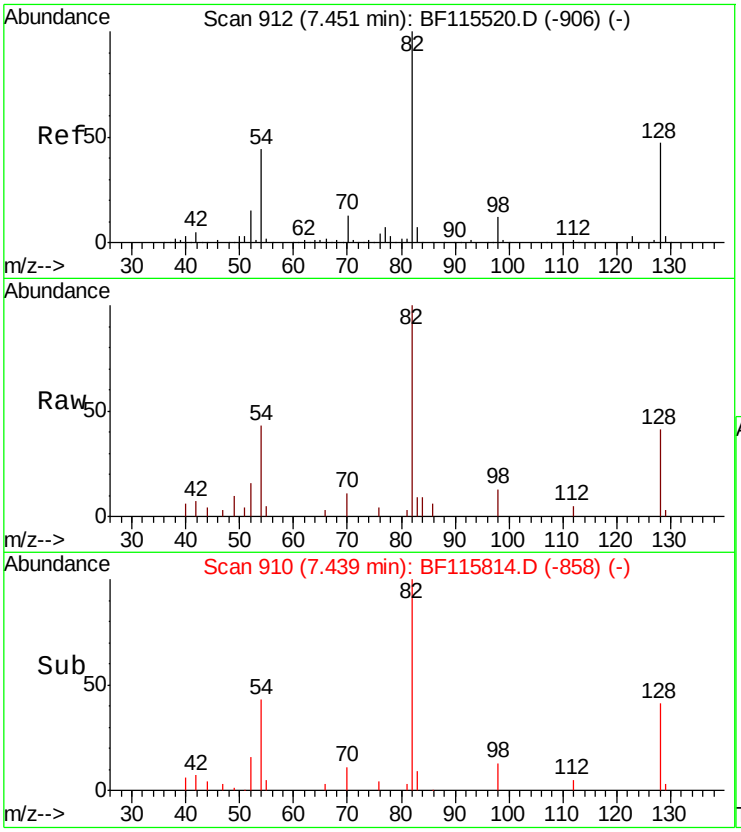


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:136 Resp: 468438

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.1	5.0	7.6
68	6.0	4.7	7.1



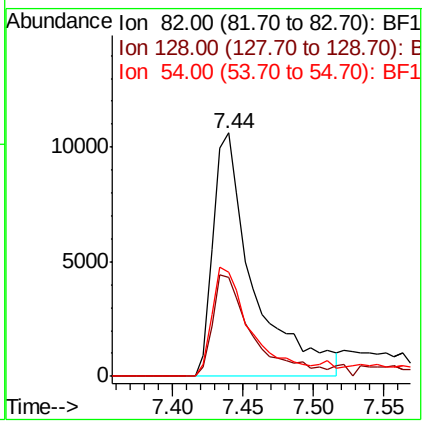


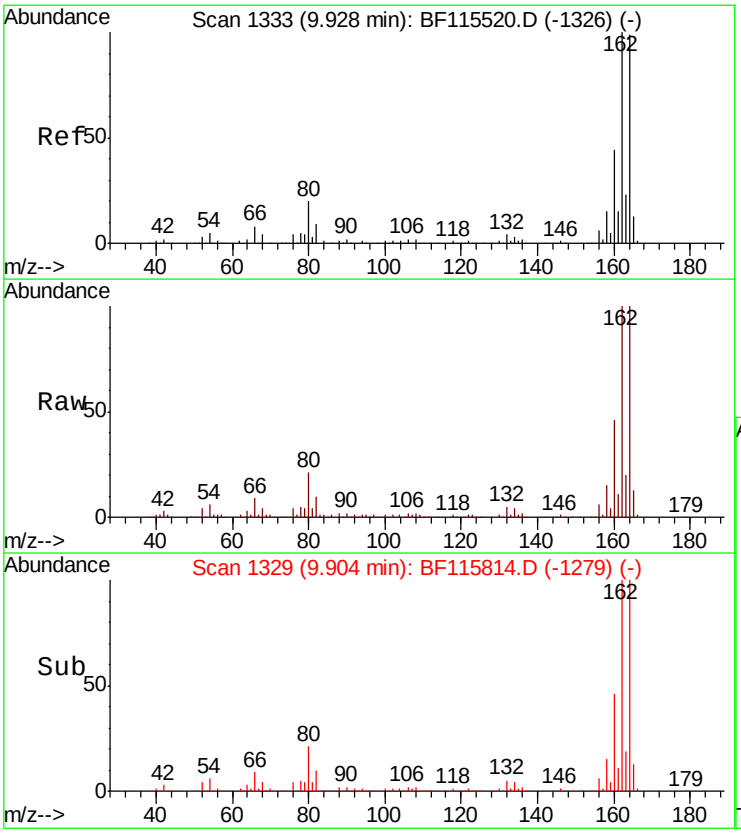
#23
Nitrobenzene-d5
Concen: 2.636 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion: 82 Resp: 21233

Ion	Ratio	Lower	Upper
82	100		
128	40.5	36.6	55.0
54	42.7	36.6	54.8

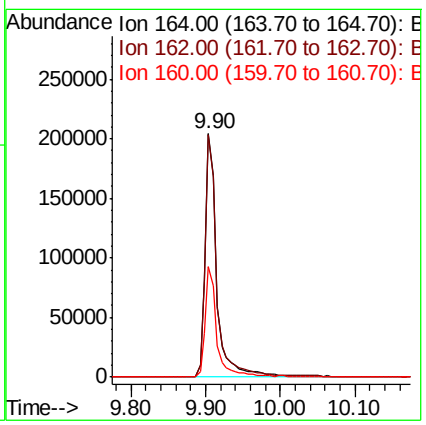


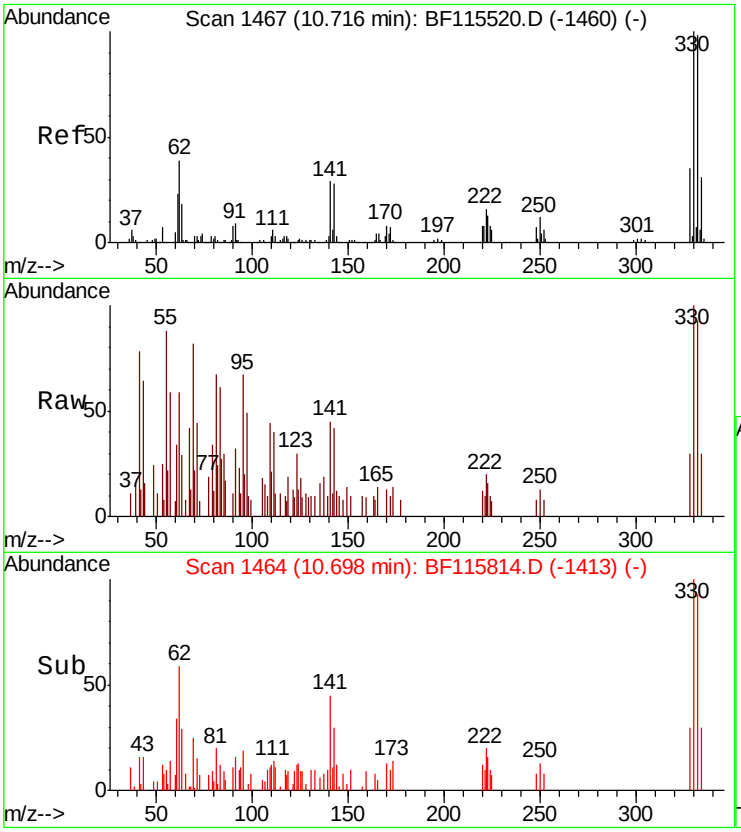


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:164 Resp: 227092

Ion	Ratio	Lower	Upper
164	100		
162	99.8	81.8	122.6
160	45.6	37.5	56.3



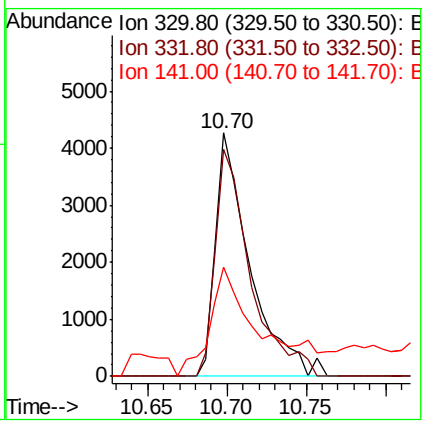


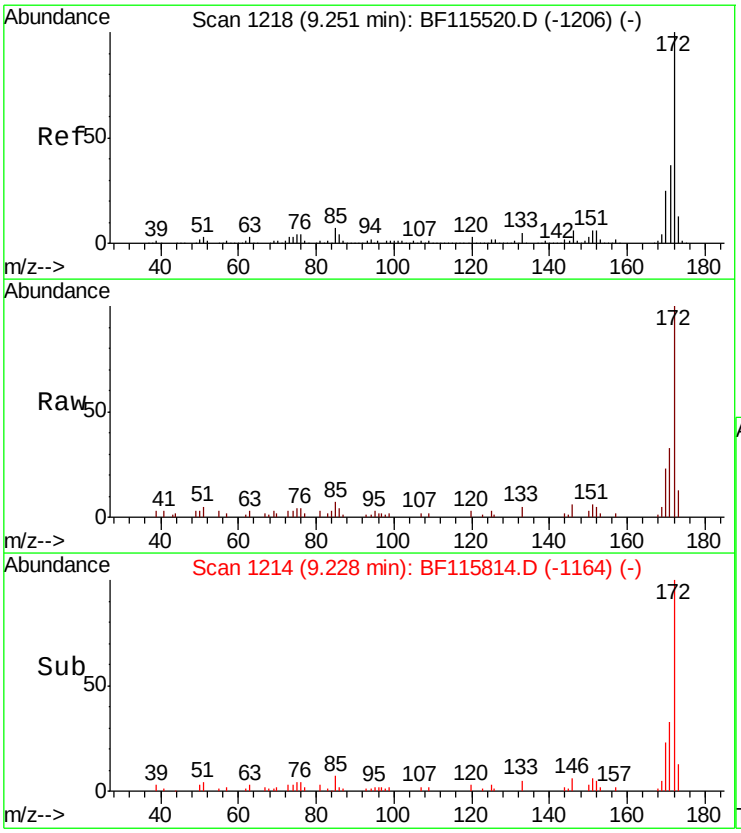
#42
2,4,6-Tribromophenol
Concen: 2.430 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion:330 Resp: 6440

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.1	114.1
141	67.6	25.9	38.9#

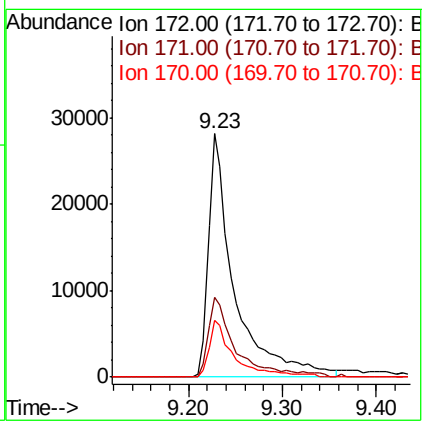


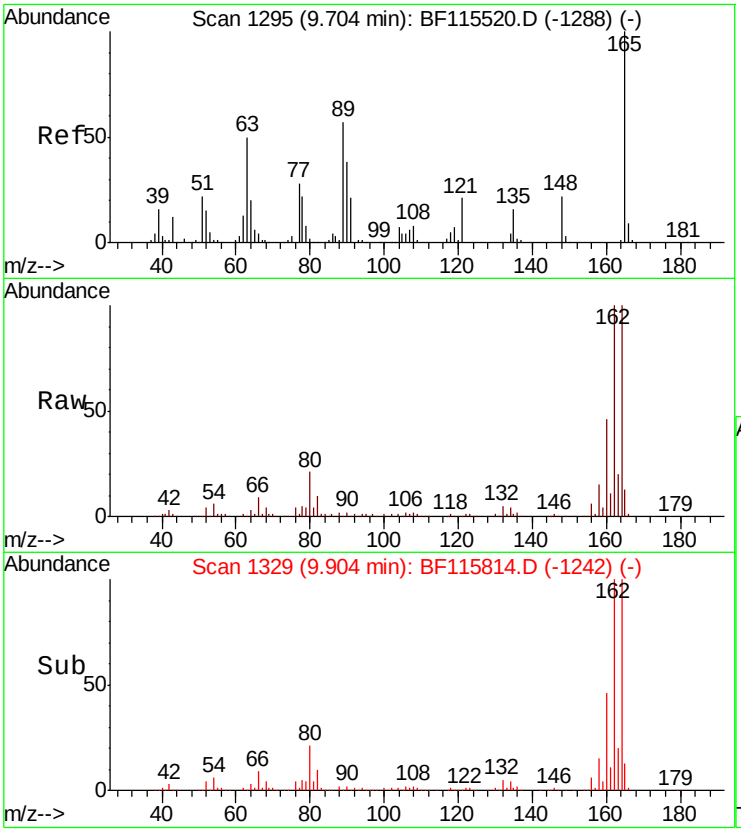


#45
2-Fluorobiphenyl
Concen: 4.204 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:172 Resp: 54542

Ion	Ratio	Lower	Upper
172	100		
171	32.6	29.0	43.4
170	23.5	20.1	30.1



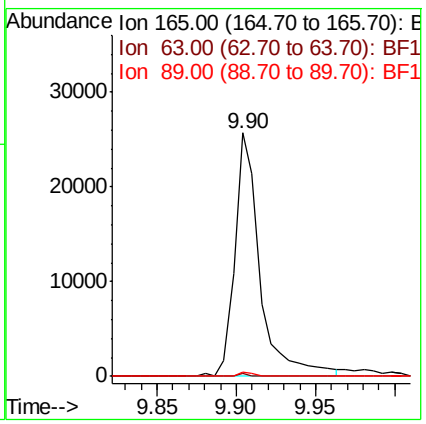


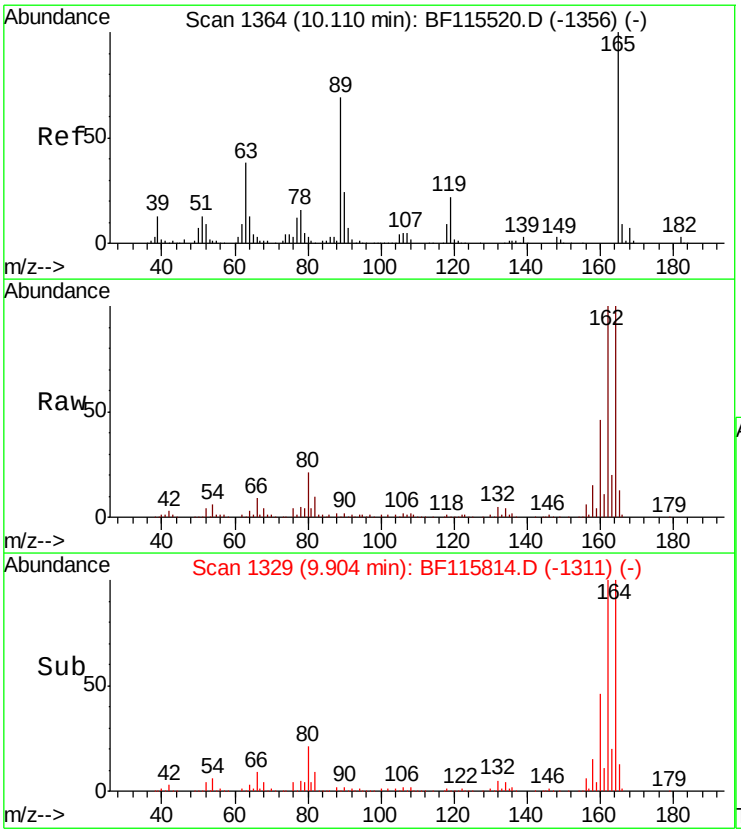
#51
2,6-Dinitrotoluene
Concen: 7.289 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion:165 Resp: 28302

Ion	Ratio	Lower	Upper
165	100		
63	1.2	43.5	65.3#
89	1.5	46.3	69.5#

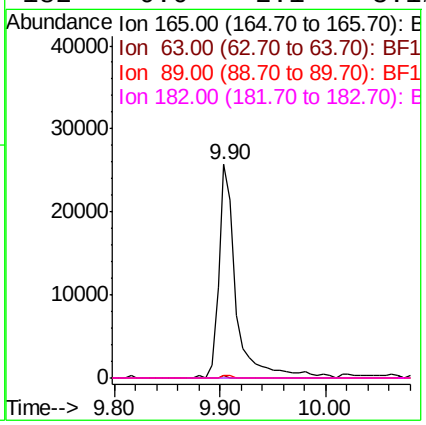


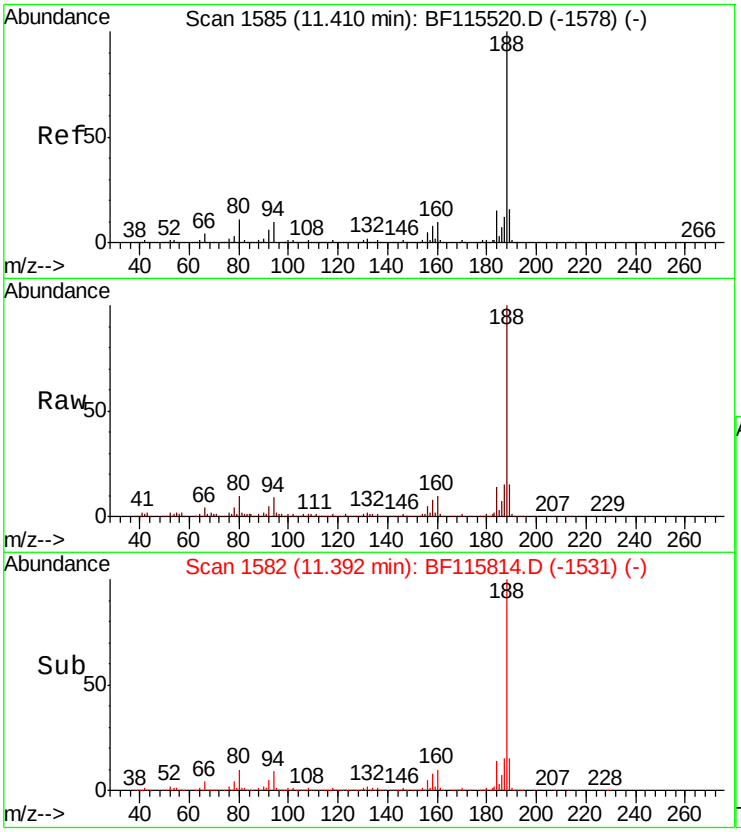


#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:165 Resp: 29623

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.4	50.2#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#



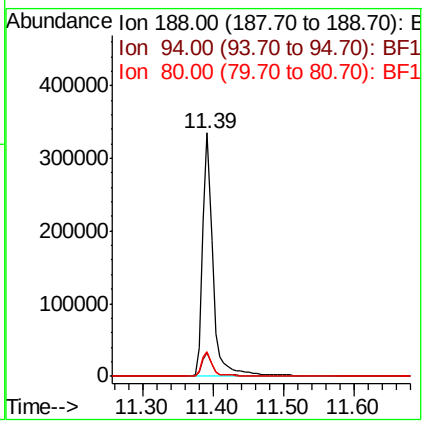


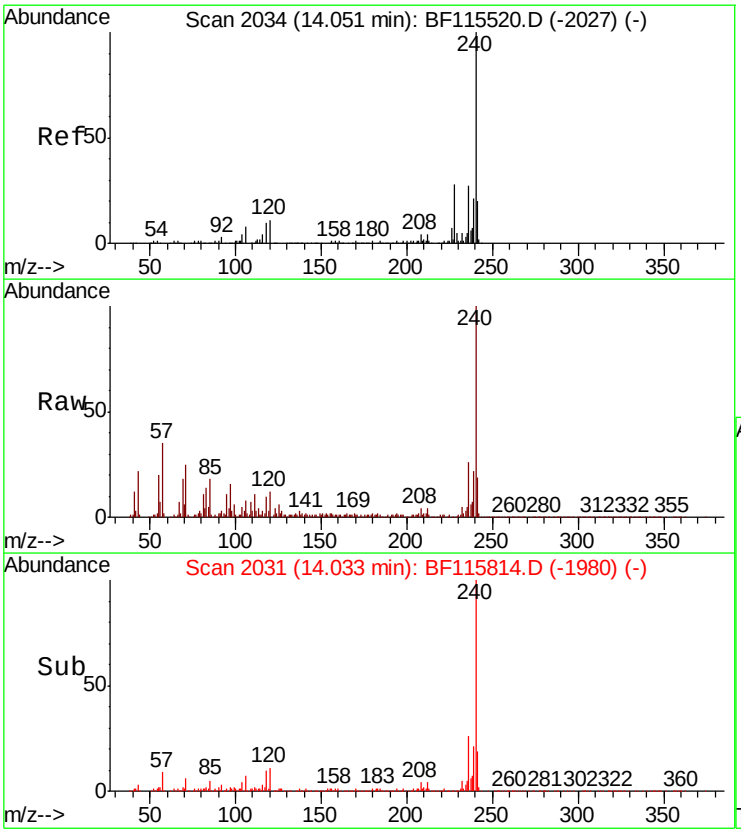
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion:188 Resp: 342077

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	10.4	9.0	13.6

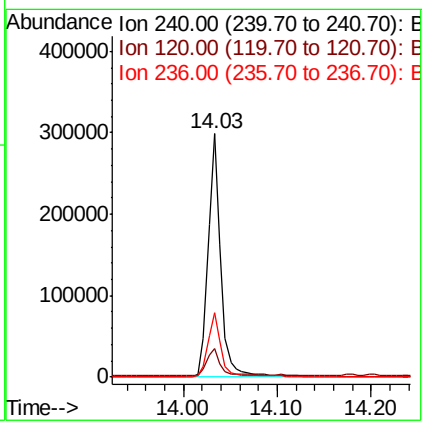


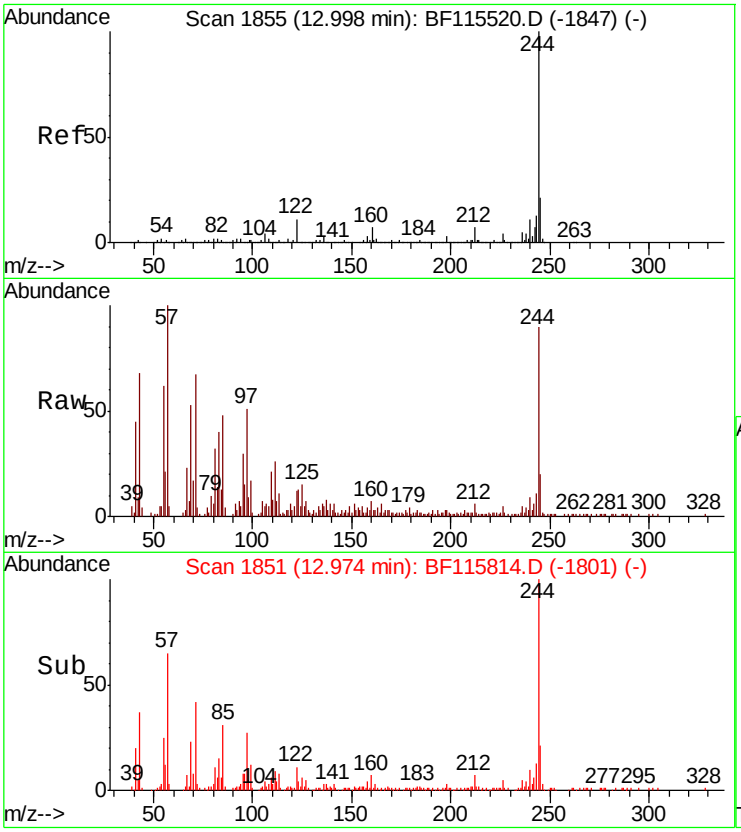


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:240 Resp: 285523

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.0	15.0
236	26.3	21.8	32.6



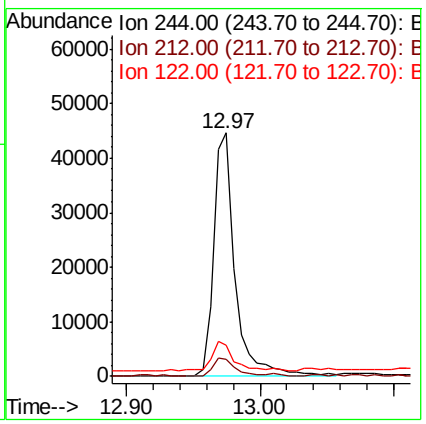


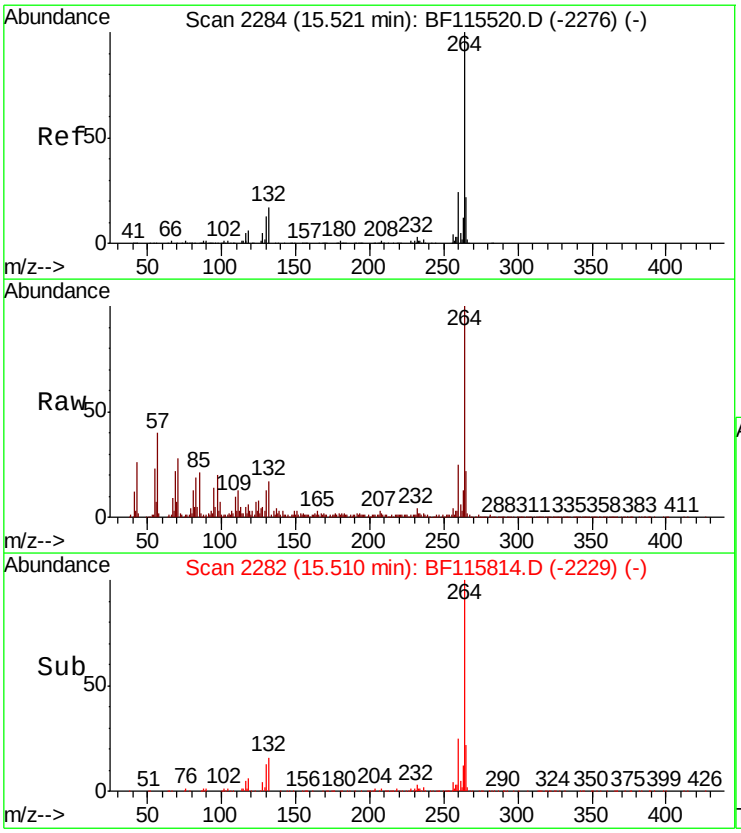
#79
Terphenyl-d14
Concen: 3.266 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-OS

Tgt Ion:244 Resp: 50536

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	12.8	8.2	12.4#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF115814.D
Acq: 27 Jul 2019 3:41

Tgt Ion:264 Resp: 283358

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.6
265	22.4	17.5	26.3