Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051019\
Data File : BF114146.D
Acq On : 11 May 2019 2:45
Operator : JU/SJ
Sample : K2795-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRUCK-803

Quant Time: May 11 04:05:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	271833	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1049156	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	434018	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	854530	20.00	ng	0.00
76) Chrysene-d12	14.01	240	597001	20.00	ng	-0.01
87) Perylene-d12	15.48	264	498703	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	136834	8.10	ng	0.00
7) Phenol-d6	6.49	99	132361	6.63	ng	0.00
23) Nitrobenzene-d5	7.41	82	171475	9.17	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	61619	13.73	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	330869	11.53	ng	0.00
79) Terphenyl-d14	12.95	244	373625	12.90	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.93	122	5725	7.493	ng	# 39
51) 2,6-Dinitrotoluene	9.89	165	60155	8.512	ng	# 23
57) 2,4-Dinitrotoluene	9.89	165	60155	6.272	ng	# 26

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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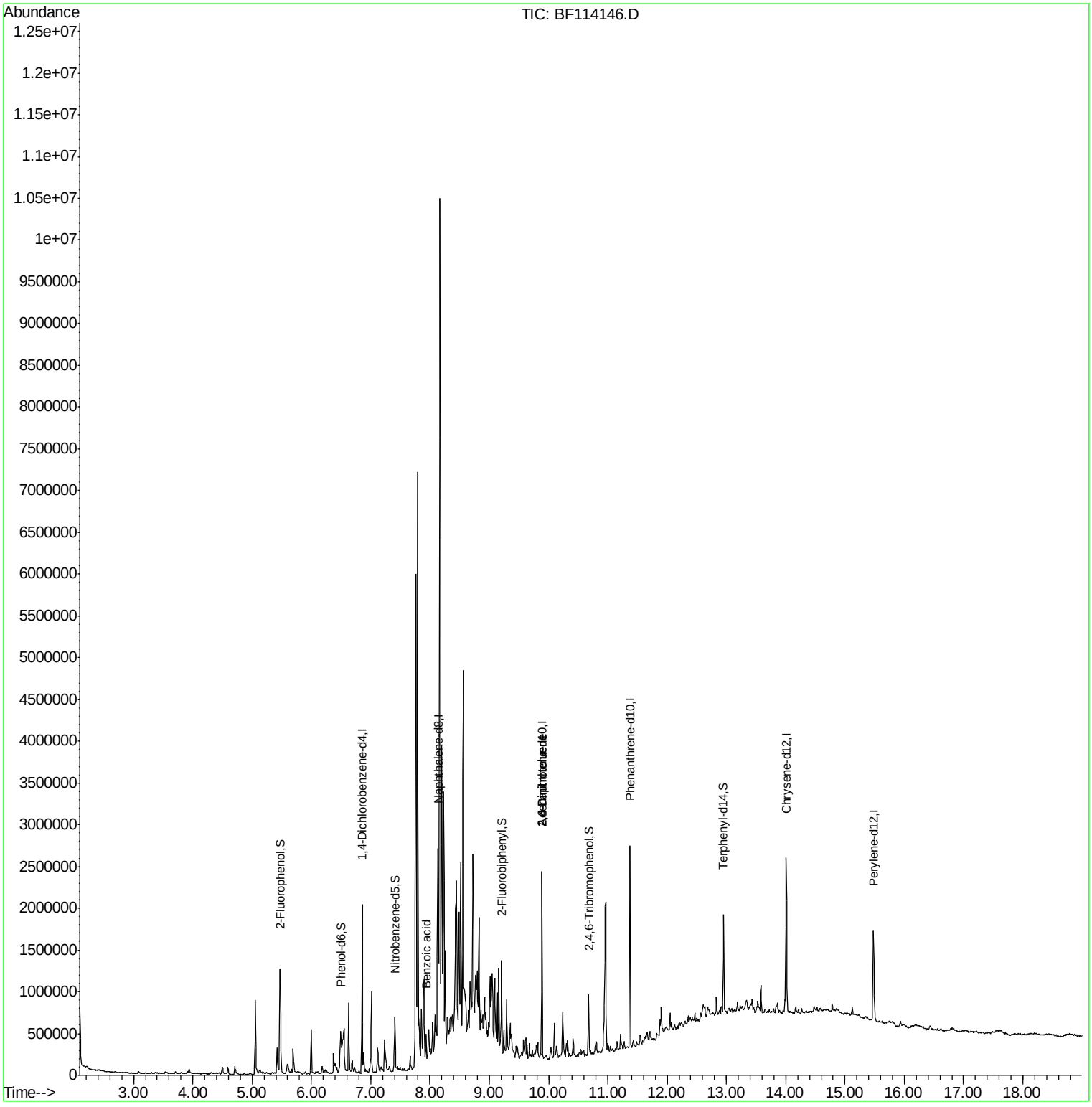
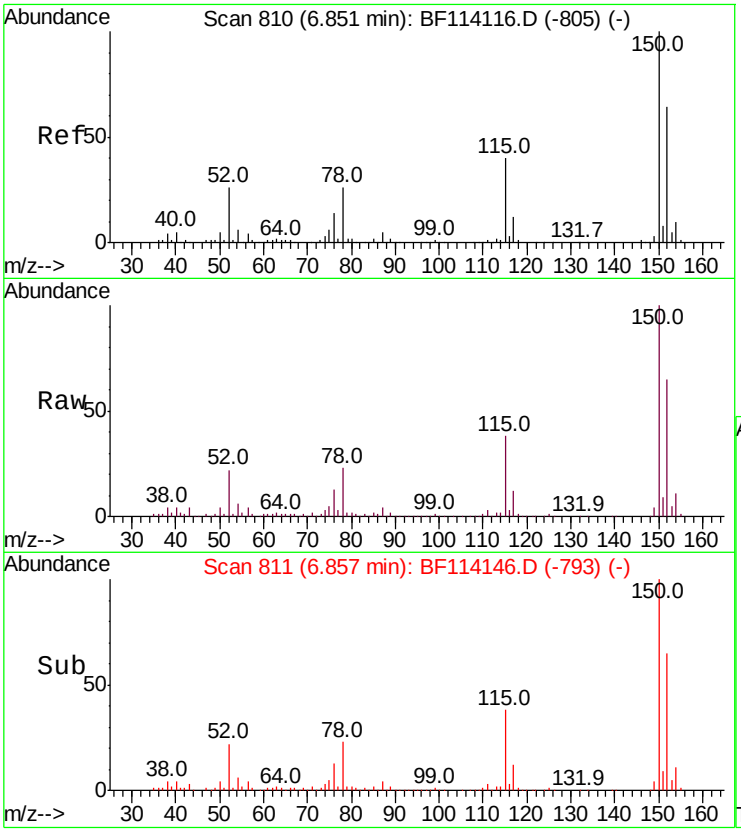


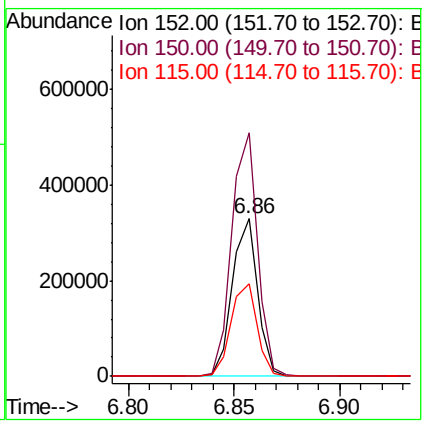


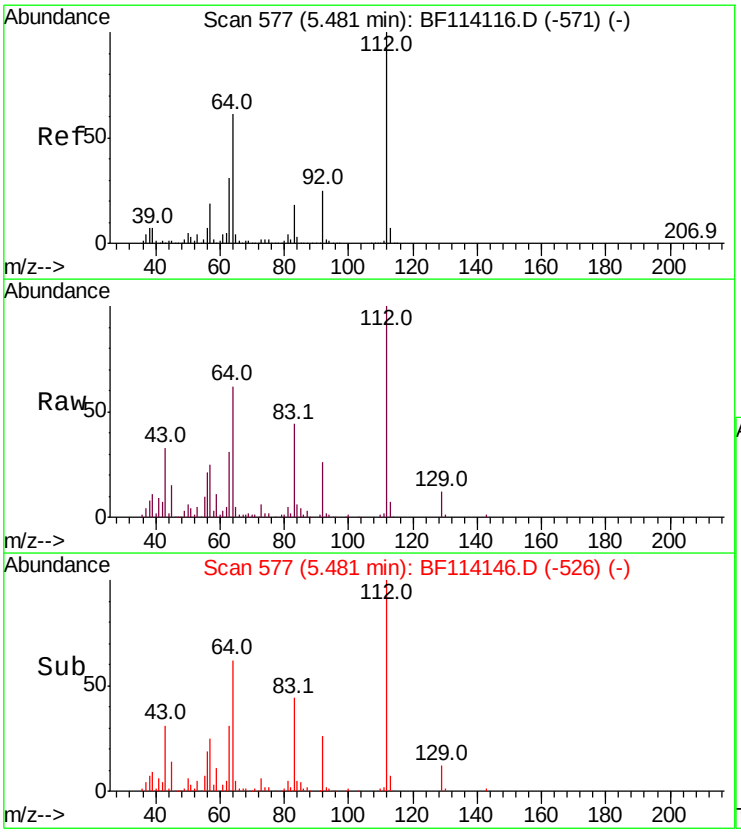
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion:152 Resp: 271833

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.3	186.5
115	59.0	49.1	73.7

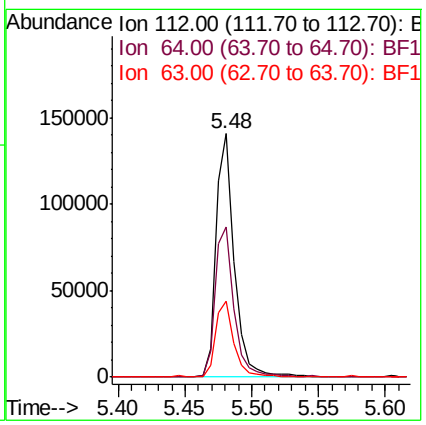


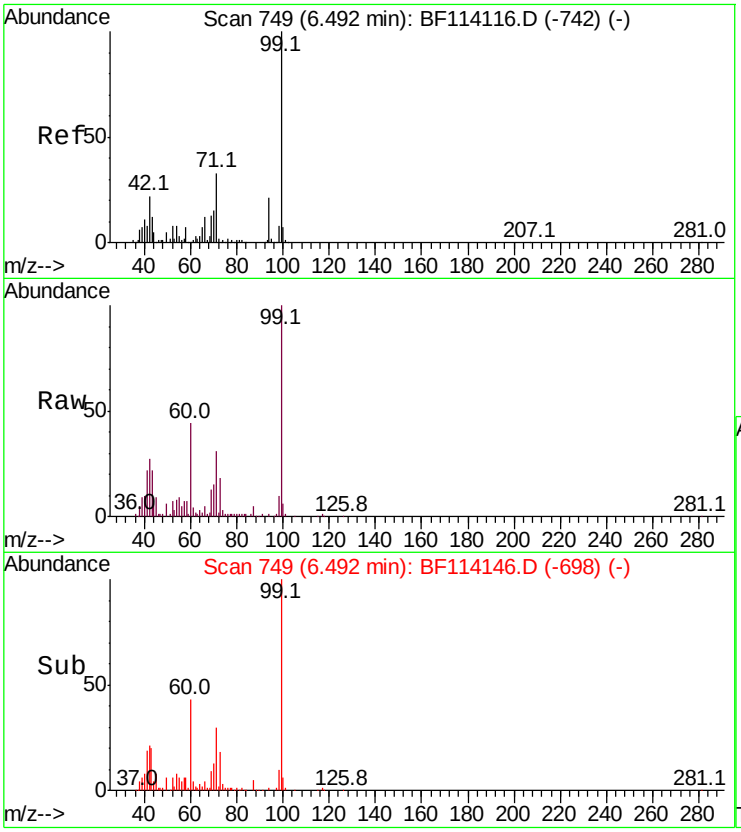


#5
2-Fluorophenol
Concen: 8.101 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Tgt Ion:112 Resp: 136834

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.0	73.6
63	31.3	24.6	37.0



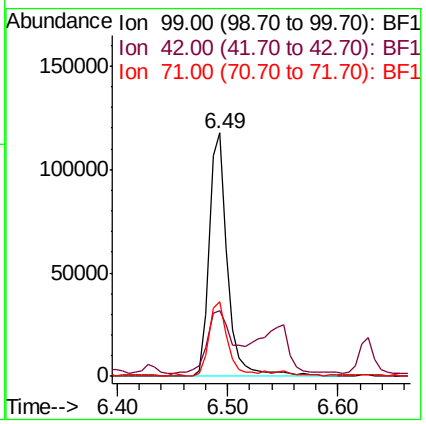


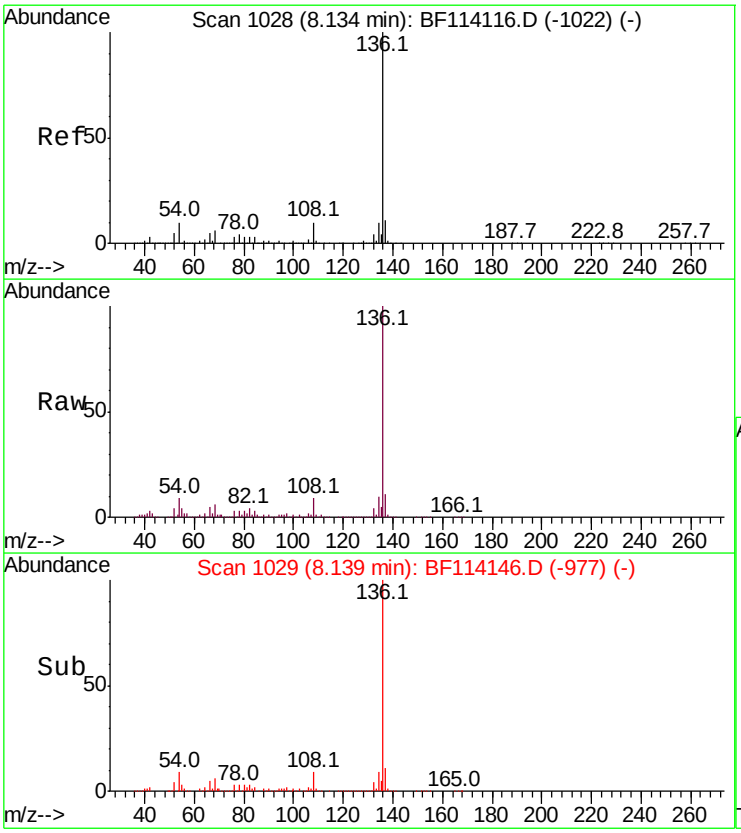
#7
Phenol-d6
Concen: 6.625 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion: 99 Resp: 132361

Ion	Ratio	Lower	Upper
99	100		
42	26.9	17.9	26.9#
71	30.9	26.2	39.2

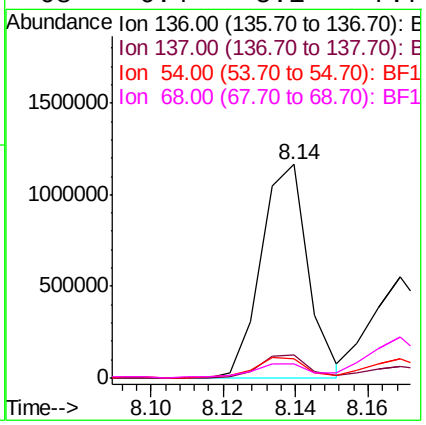


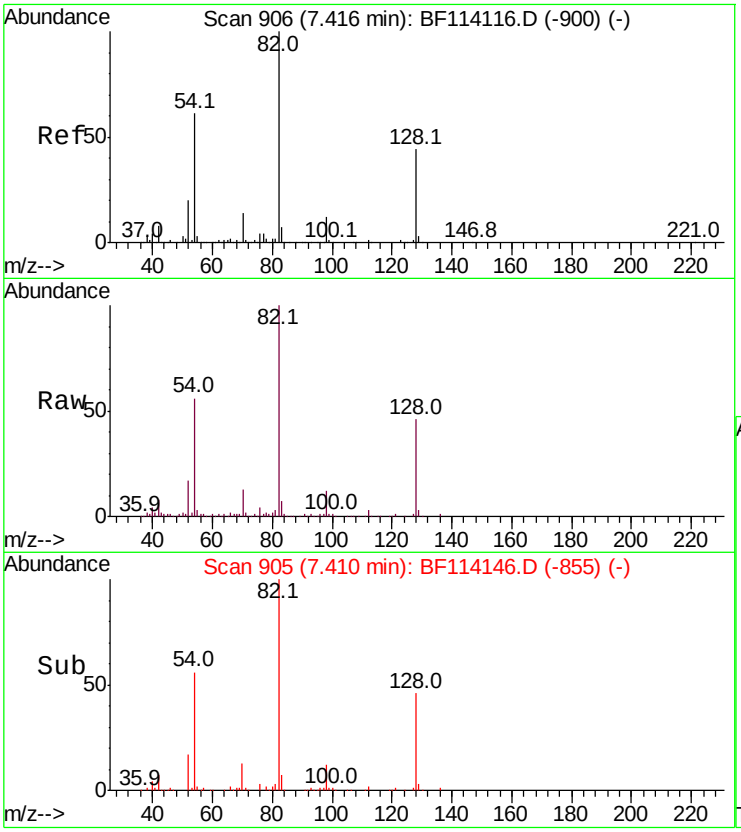


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Tgt Ion:136 Resp: 1049156

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.1	7.8	11.8
68	6.4	5.1	7.7



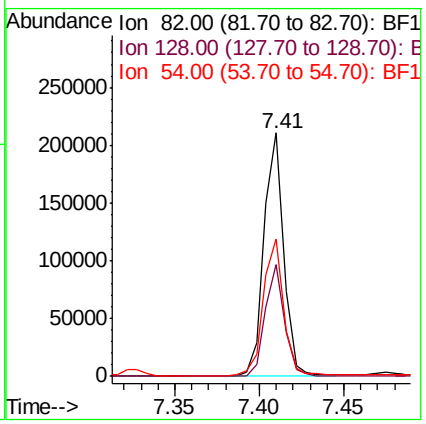


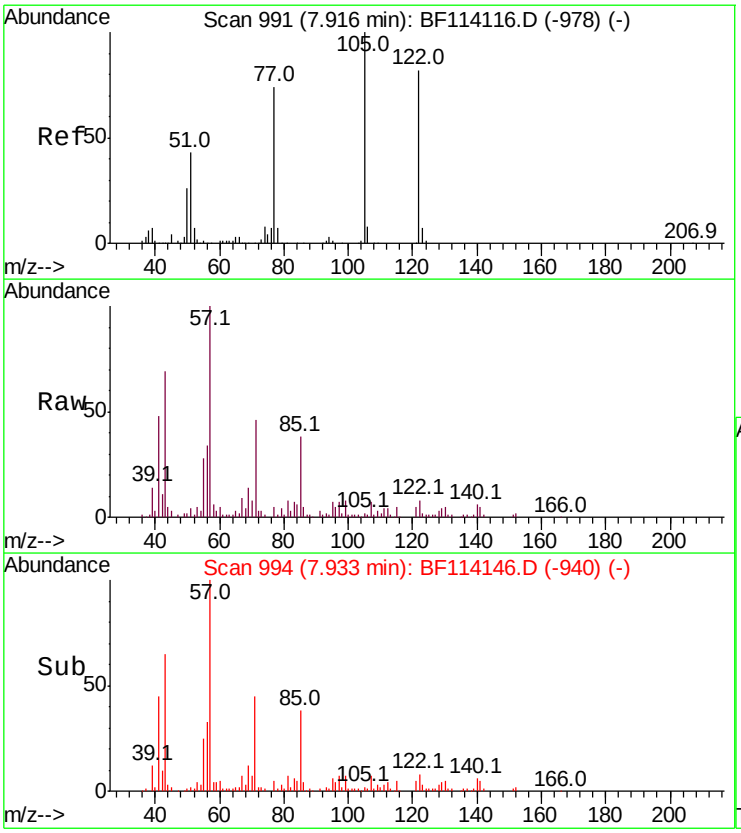
#23
Nitrobenzene-d5
Concen: 9.172 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion: 82 Resp: 171475

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	56.3	48.5	72.7

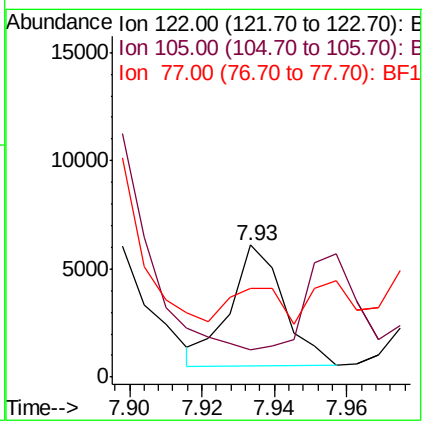


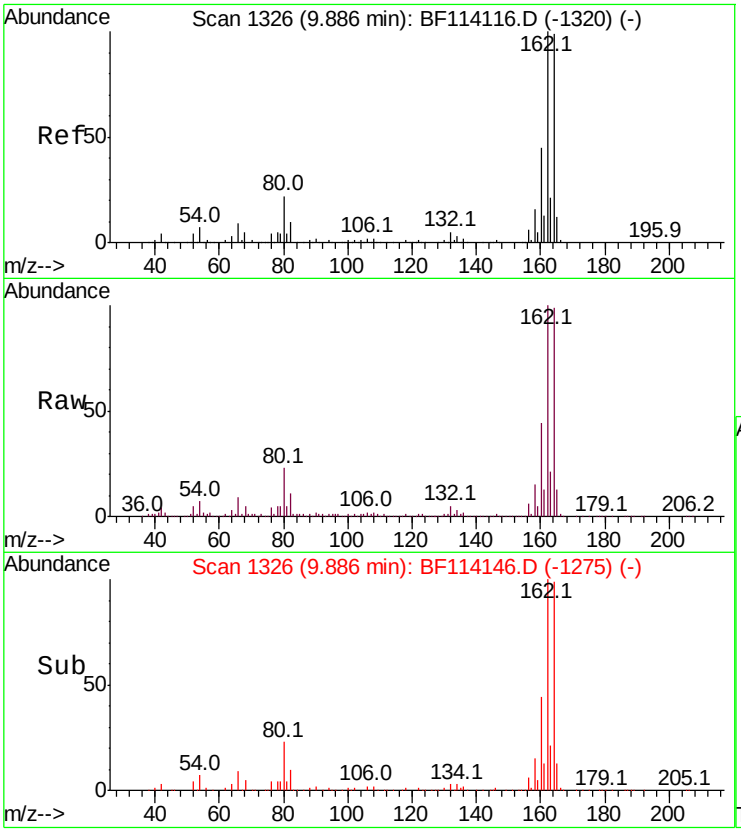


#32
Benzoic acid
Concen: 7.493 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Tgt Ion:122 Resp: 5725

Ion	Ratio	Lower	Upper
122	100		
105	20.8	99.9	139.9#
77	66.7	69.4	109.4#



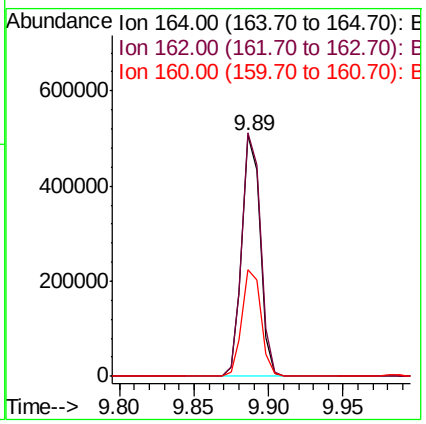


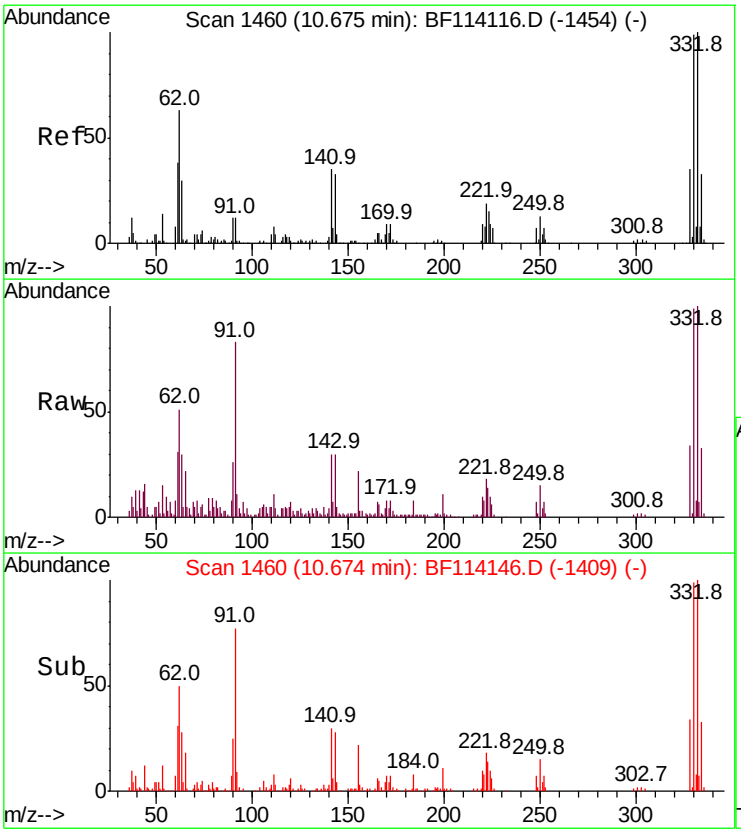
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion:164 Resp: 434018

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	44.5	36.5	54.7

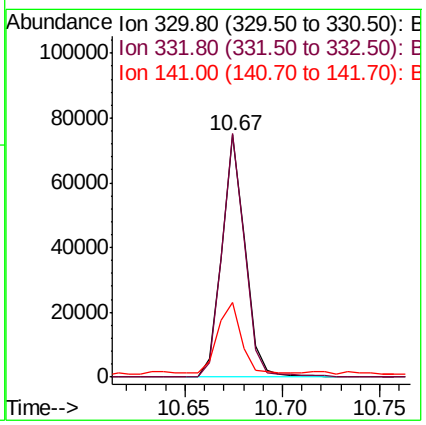


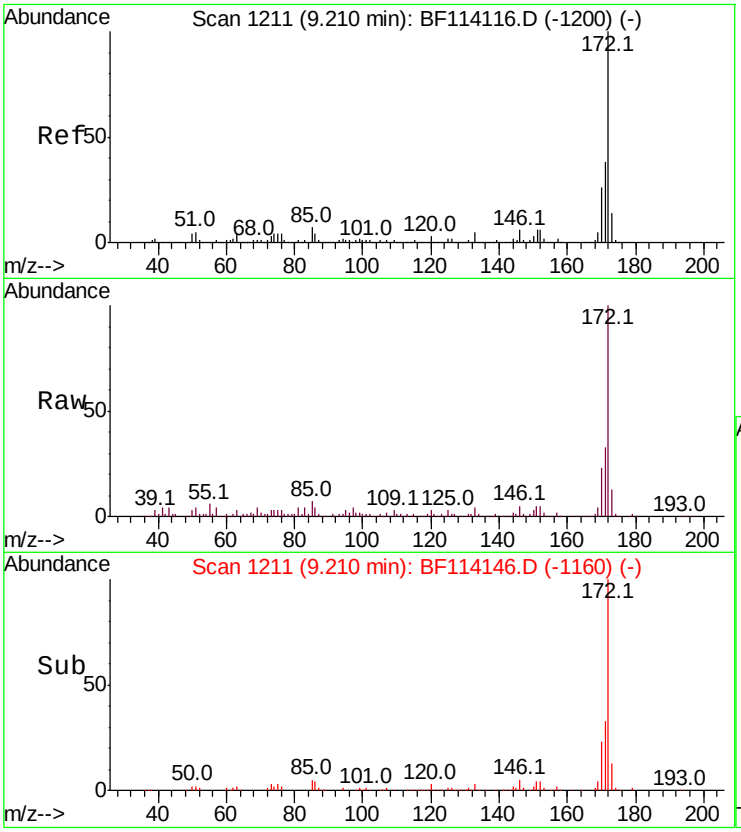


#42
2,4,6-Tribromophenol
Concen: 13.733 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Tgt Ion:330 Resp: 61619

Ion	Ratio	Lower	Upper
330	100		
332	98.5	81.4	122.2
141	29.5	26.6	40.0



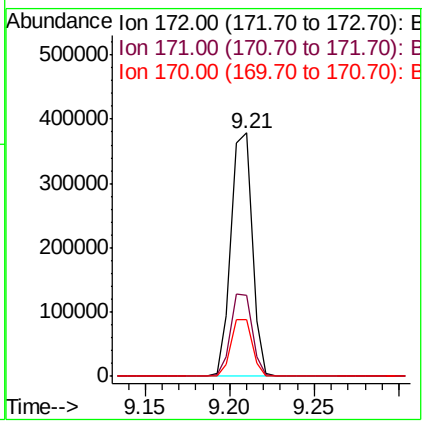


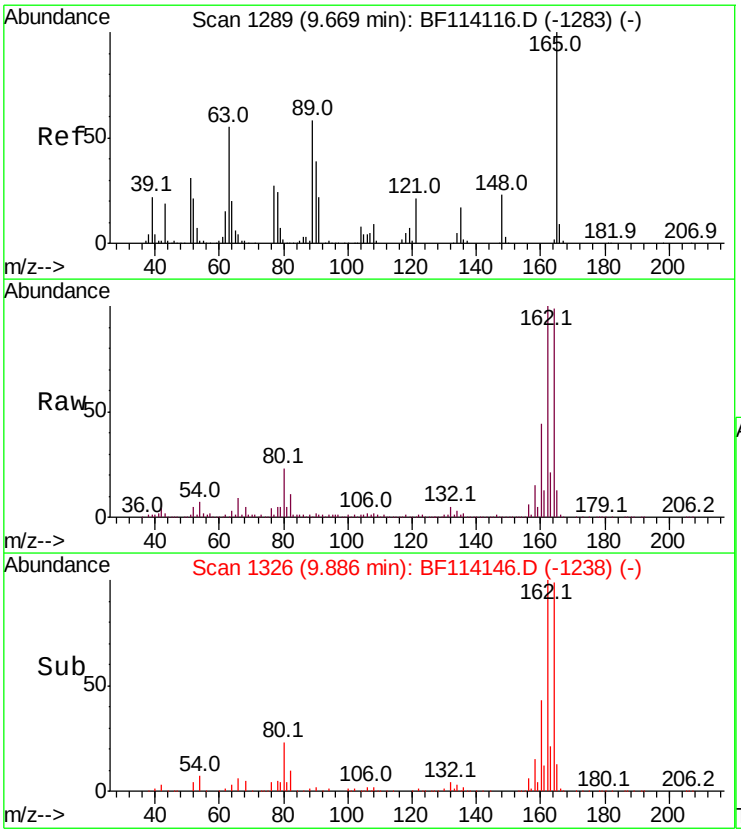
#45
2-Fluorobiphenyl
Concen: 11.532 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion:172 Resp: 330869

Ion	Ratio	Lower	Upper
172	100		
171	33.1	30.7	46.1
170	23.4	20.5	30.7

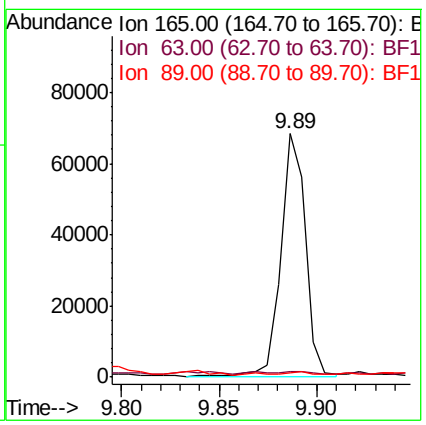


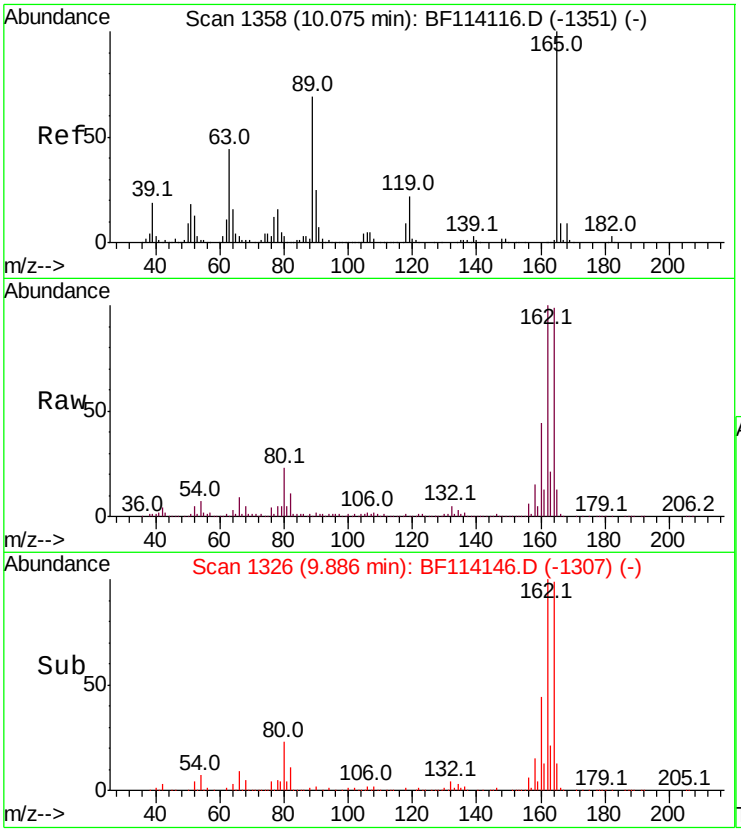


#51
2,6-Dinitrotoluene
Concen: 8.512 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.22 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Tgt Ion:165 Resp: 60155

Ion	Ratio	Lower	Upper
165	100		
63	2.3	50.2	75.4#
89	1.8	46.6	69.8#



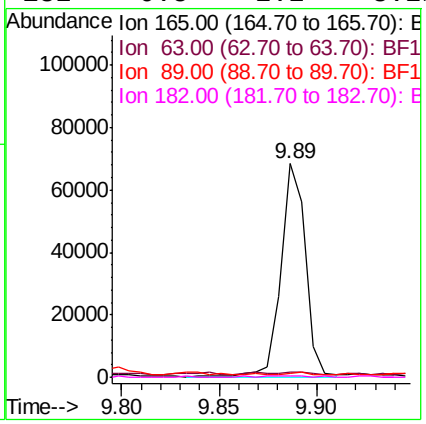


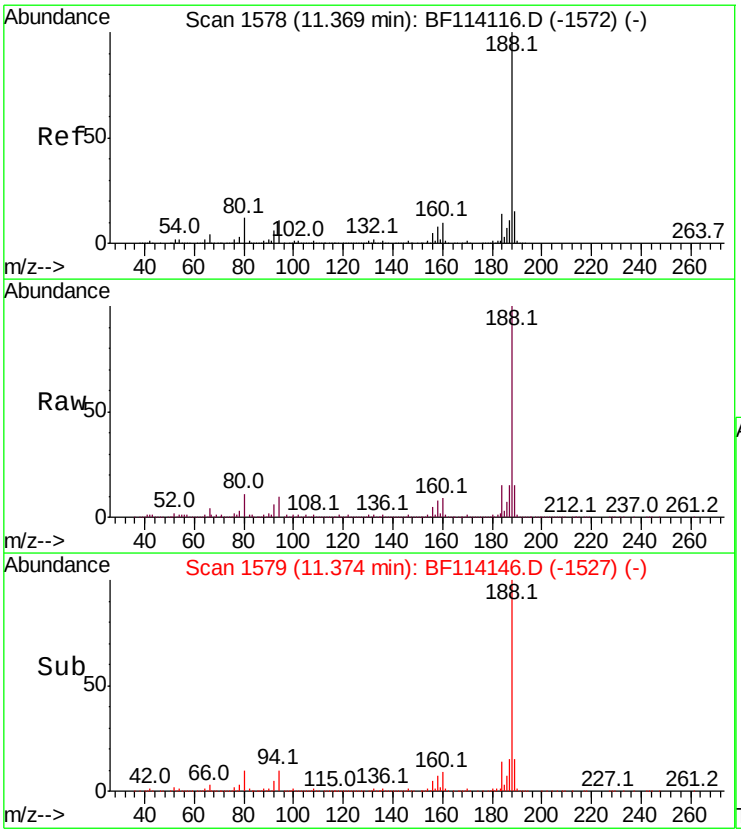
#57
2,4-Dinitrotoluene
Concen: 6.272 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion:165 Resp: 60155

Ion	Ratio	Lower	Upper
165	100		
63	2.3	35.5	53.3#
89	1.8	55.2	82.8#
182	0.5	2.2	3.2#

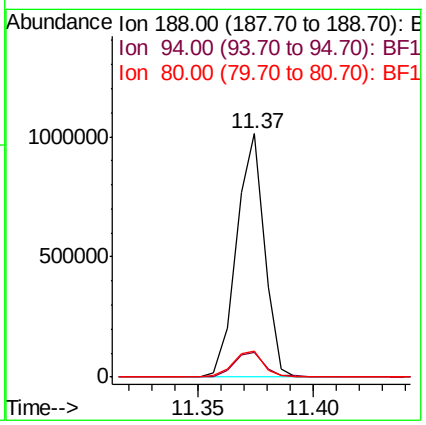


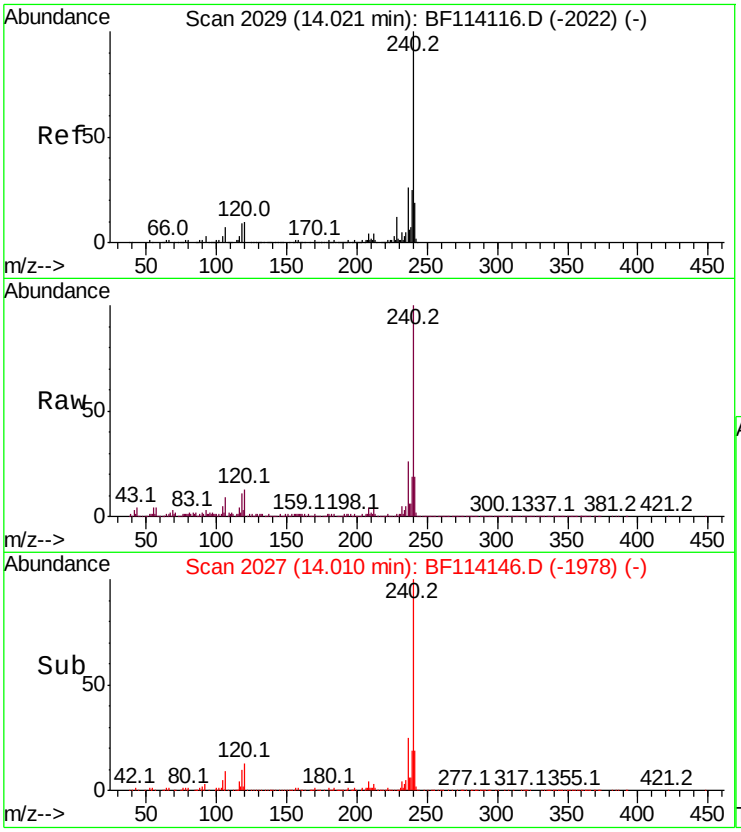


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Tgt Ion:188 Resp: 854530

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.4	12.6
80	10.6	9.2	13.8



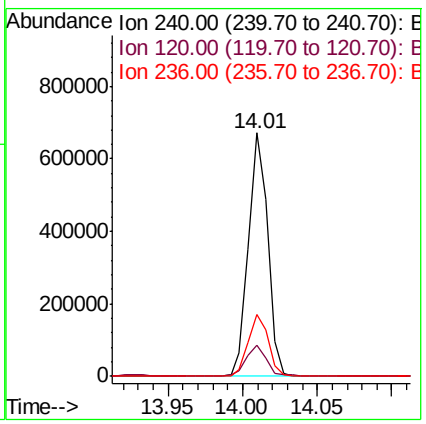


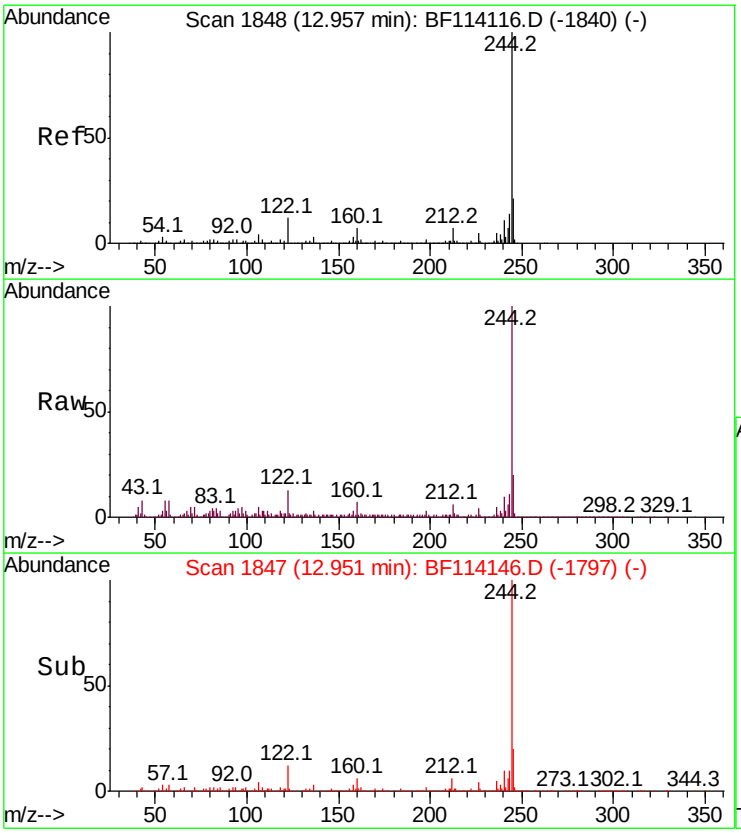
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion:240 Resp: 597001

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	25.5	20.8	31.2

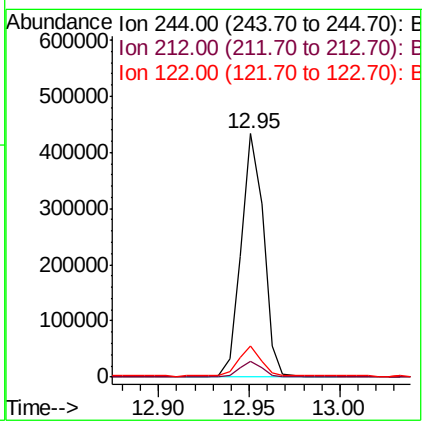


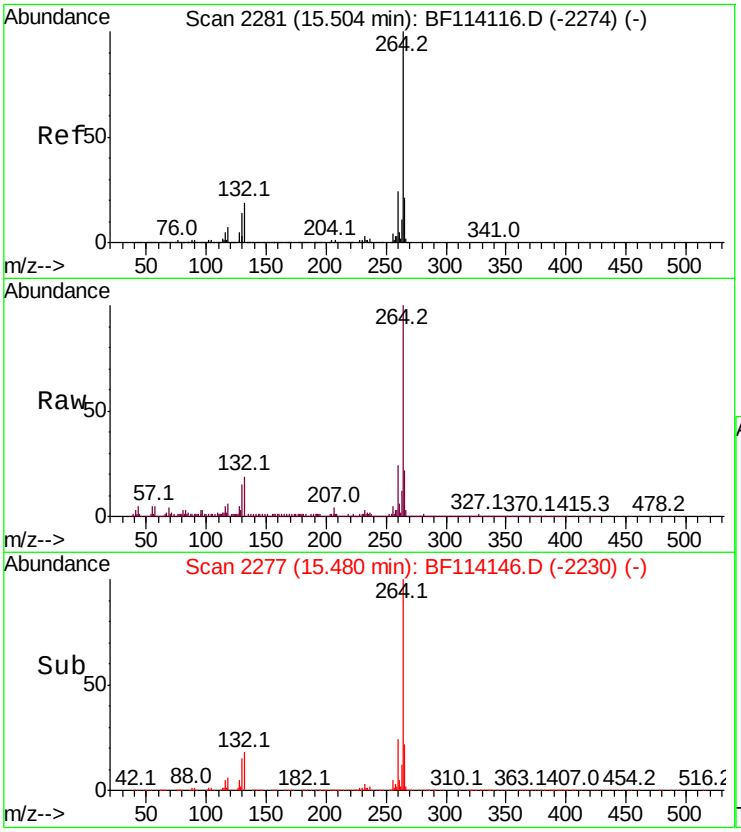


#79
Terphenyl-d14
Concen: 12.901 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Tgt Ion:244 Resp: 373625

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	12.9	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF114146.D
Acq: 11 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
TRUCK-803

Tgt Ion:264 Resp: 498703

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.9	16.9	25.3