Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-073020

Quant Time: Jul 31 23:11:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	133001	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	511228	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	257366	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	465212	20.00	ng	0.00
76) Chrysene-d12	13.96	240	314911	20.00	ng	0.00
86) Perylene-d12	15.42	264	358774	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	116834	14.40	ng	-0.01
7) Phenol-d6	6.43	99	148023	14.12	ng	-0.02
23) Nitrobenzene-d5	7.35	82	94493	10.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	39814	14.13	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	192297	11.16	ng	-0.01
79) Terphenyl-d14	12.90	244	165065	11.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.35	70	12494	2.097	ng	# 80
25) Isophorone	7.35	82	94492	5.359	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	33606	8.425	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	33606	6.415	ng	# 29

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121167.D
Acq On : 31 Jul 2020 19:29
Operator : JU/CG
Sample : L3507-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Quant Time: Jul 31 23:11:48 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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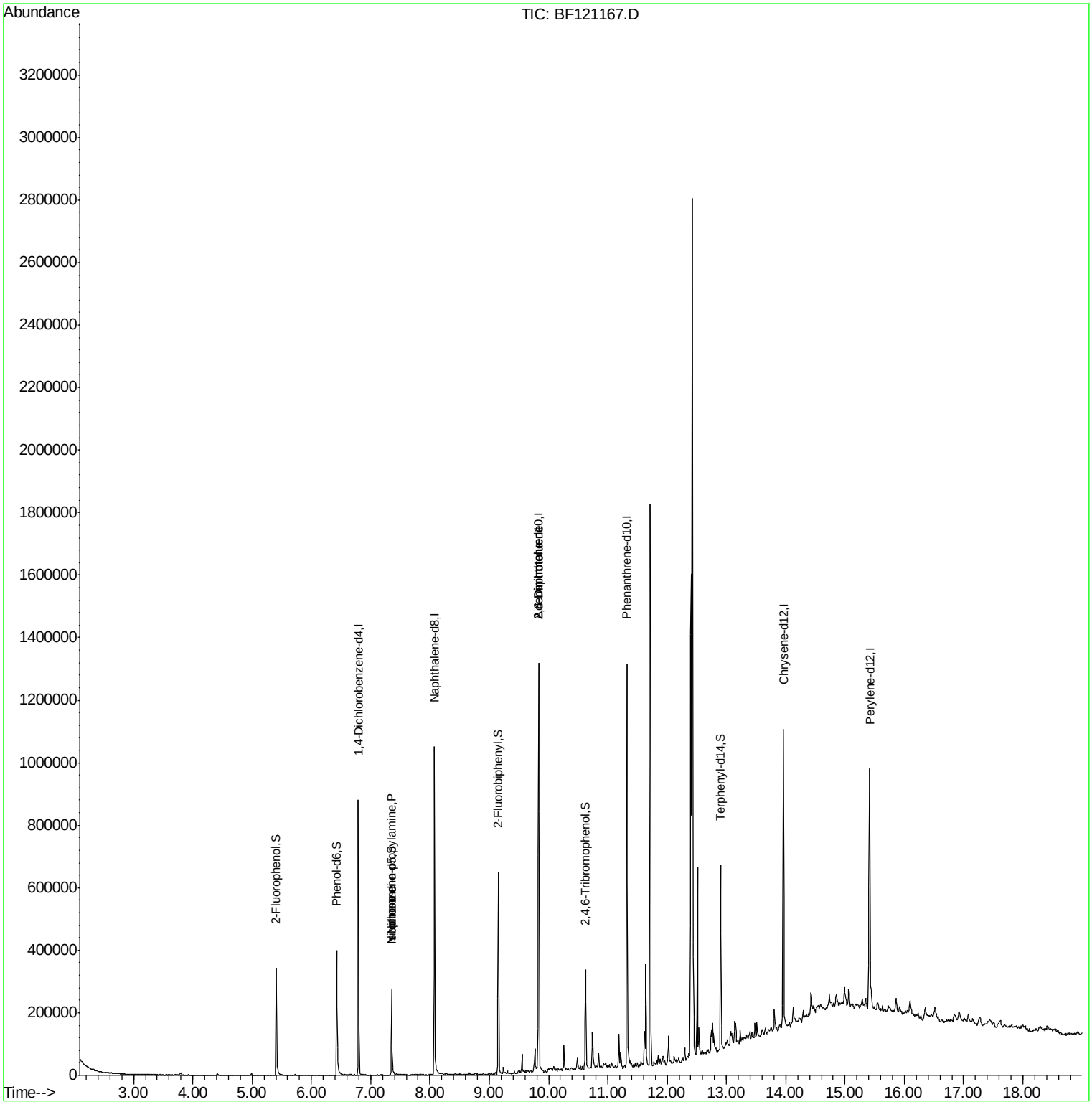
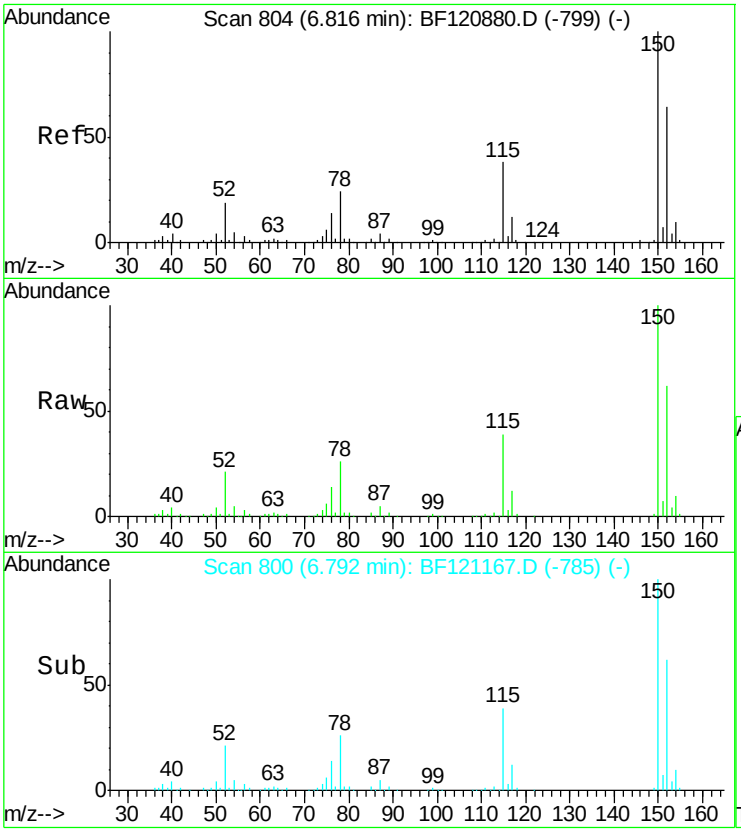


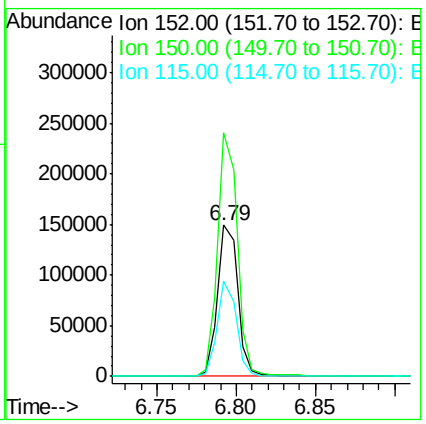


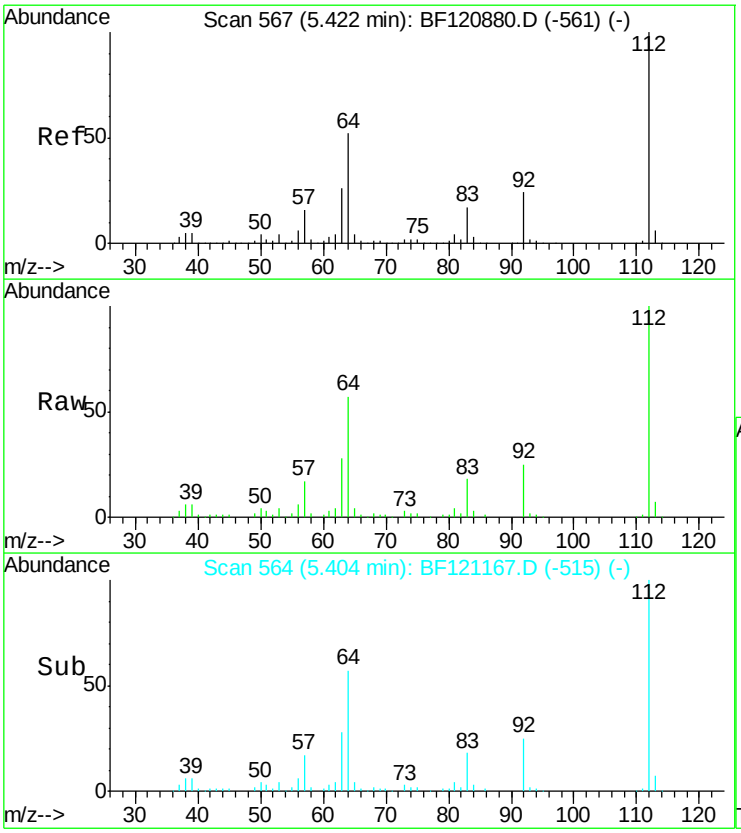
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion:152 Resp: 133001

Ion	Ratio	Lower	Upper
152	100		
150	161.1	125.6	188.4
115	62.8	46.2	69.2

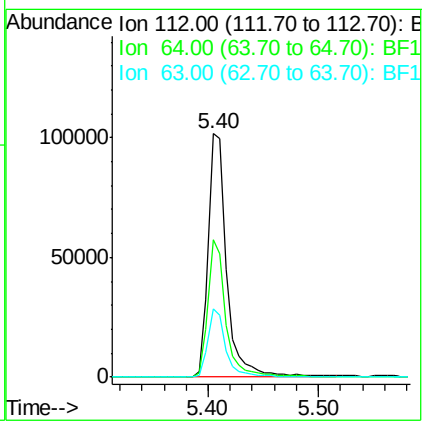


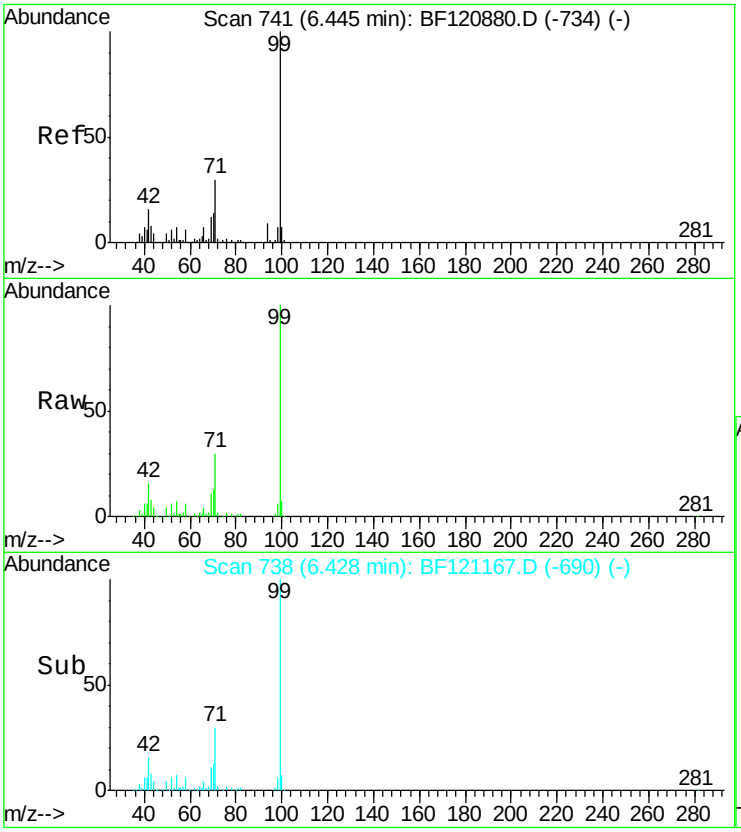


#5
2-Fluorophenol
Concen: 14.401 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion:112 Resp: 116834

Ion	Ratio	Lower	Upper
112	100		
64	56.7	43.9	65.9
63	27.9	22.7	34.1



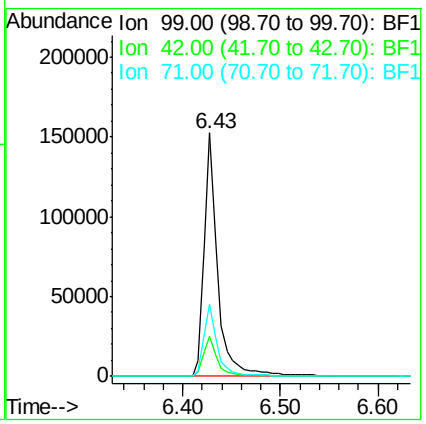


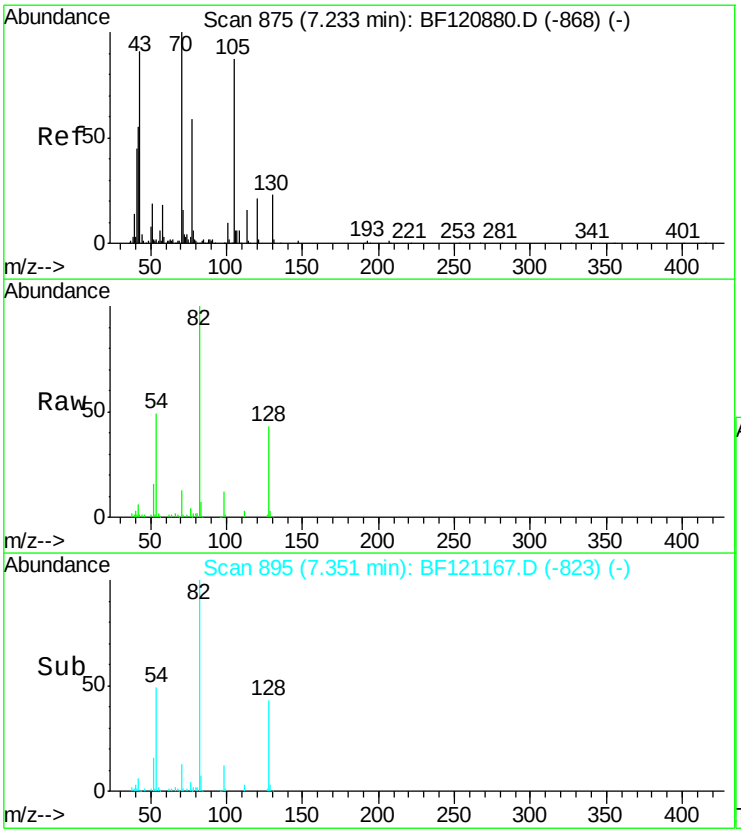
#7
Phenol-d6
Concen: 14.124 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion: 99 Resp: 148023

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	29.7	25.0	37.4

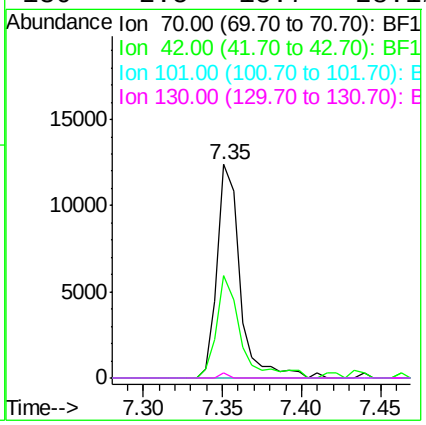


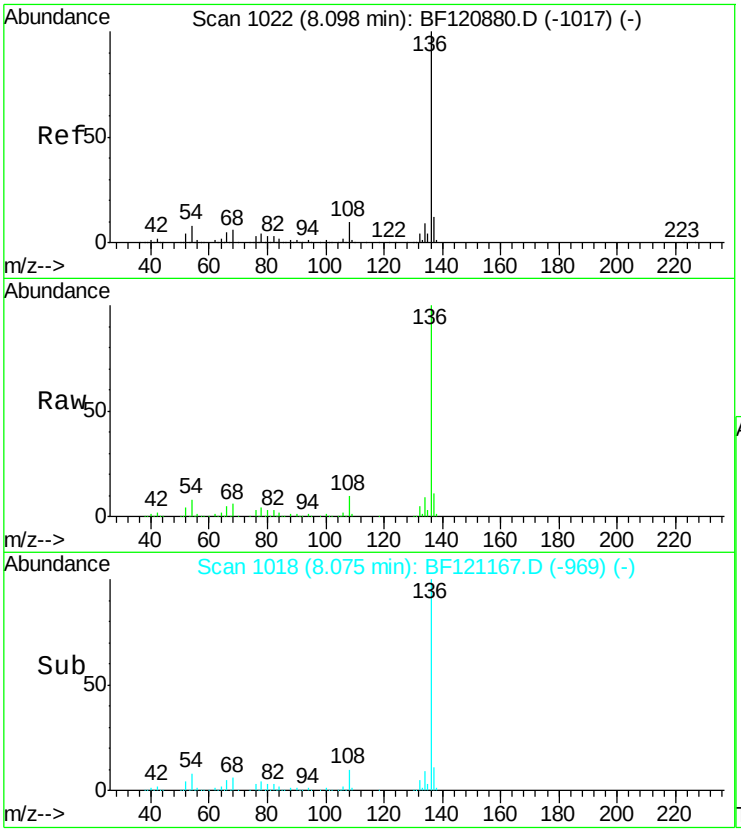


#19
n-Nitroso-di-n-propylamine
Concen: 2.097 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.12 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion: 70 Resp: 12494

Ion	Ratio	Lower	Upper
70	100		
42	47.8	43.3	64.9
101	0.0	8.4	12.6#
130	2.5	18.7	28.1#



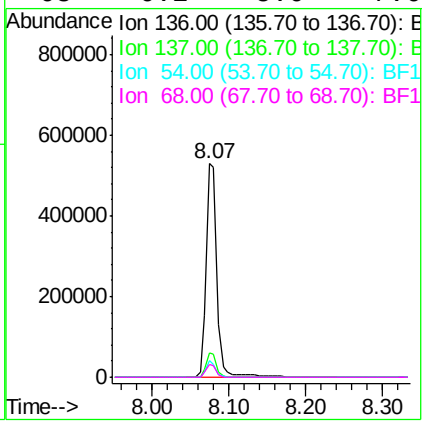


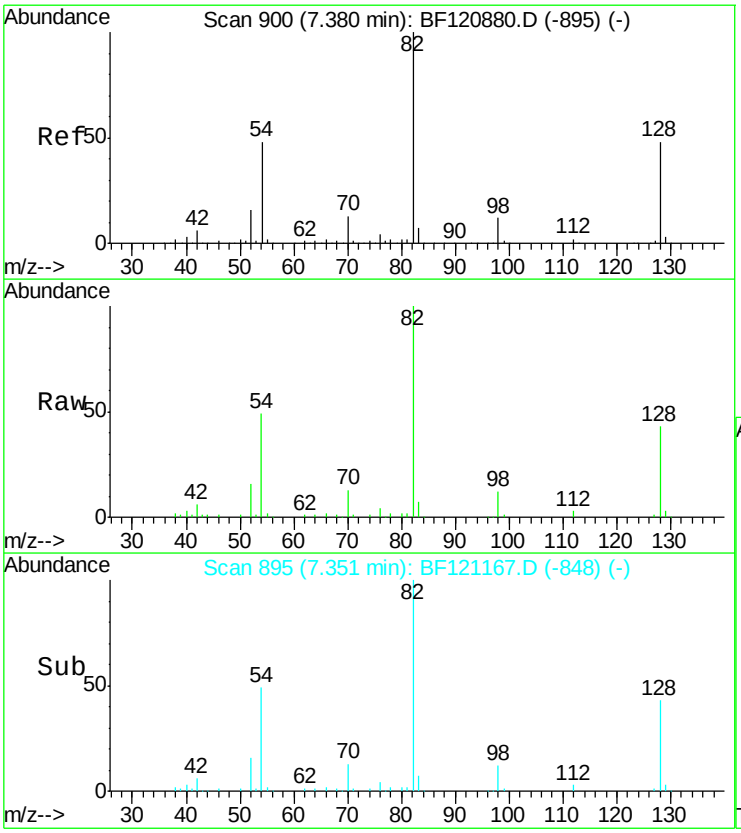
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion:136 Resp: 511228

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.7	6.1	9.1
68	6.2	5.0	7.6

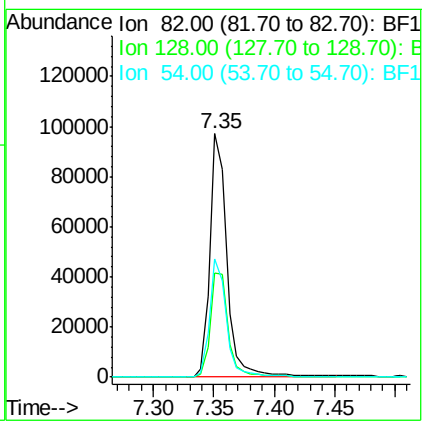


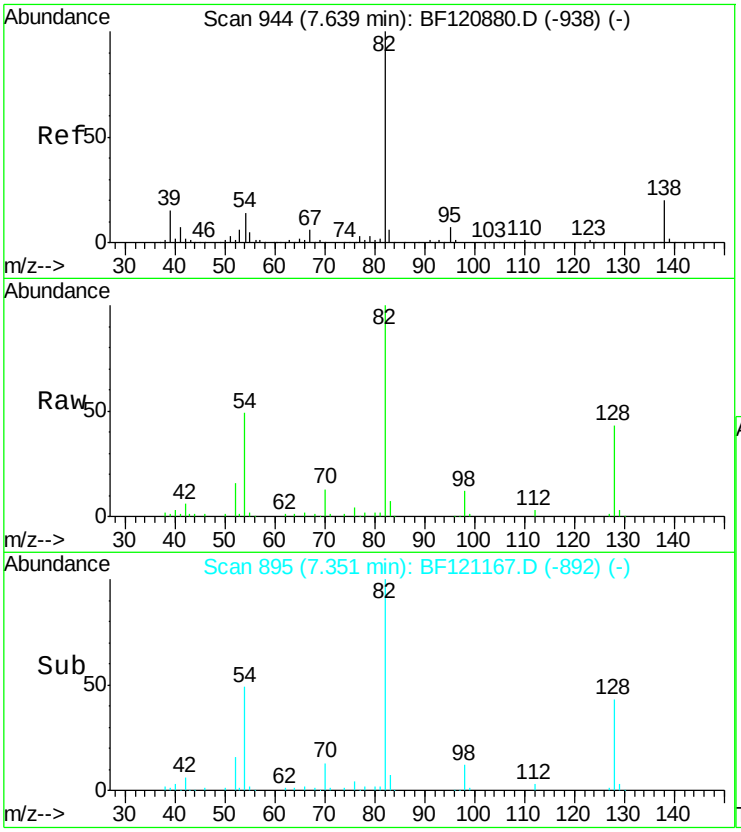


#23
Nitrobenzene-d5
Concen: 10.695 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion: 82 Resp: 94493

Ion	Ratio	Lower	Upper
82	100		
128	43.0	39.2	58.8
54	48.6	37.8	56.8



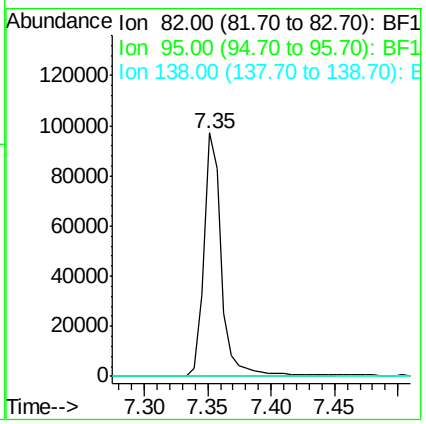


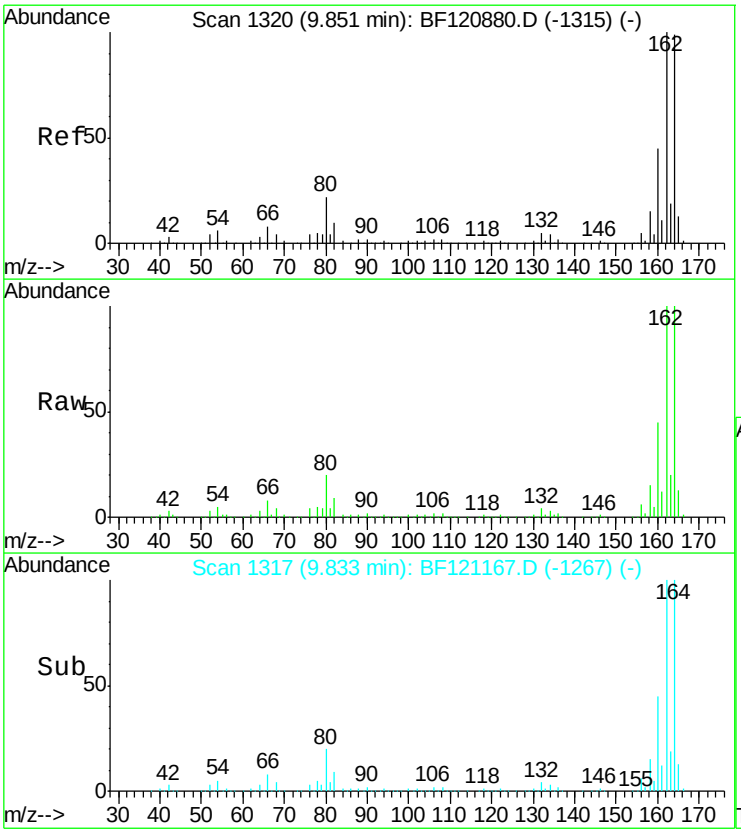
#25
Isophorone
Concen: 5.359 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion: 82 Resp: 94492

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	16.2	24.2#

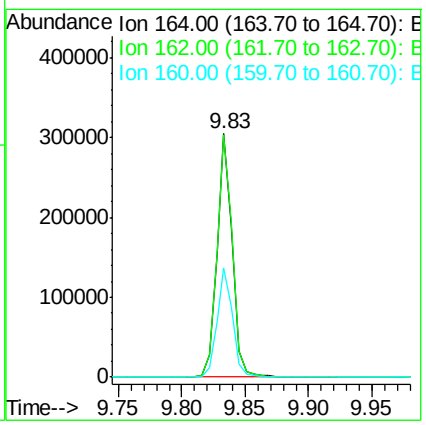


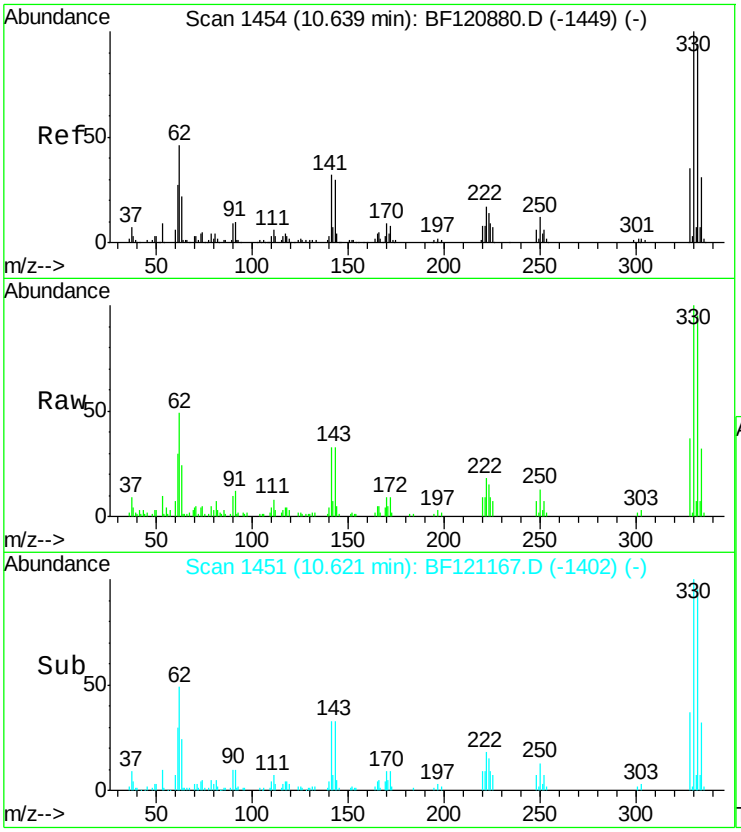


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion:164 Resp: 257366

Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.2	123.2
160	44.9	37.2	55.8



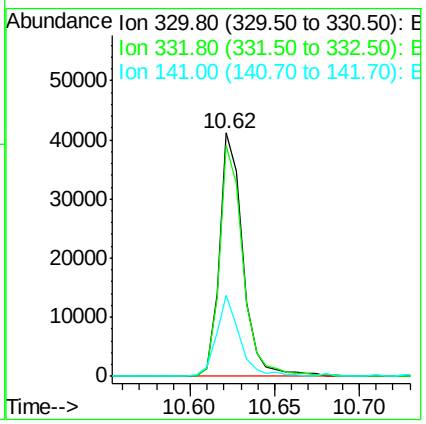


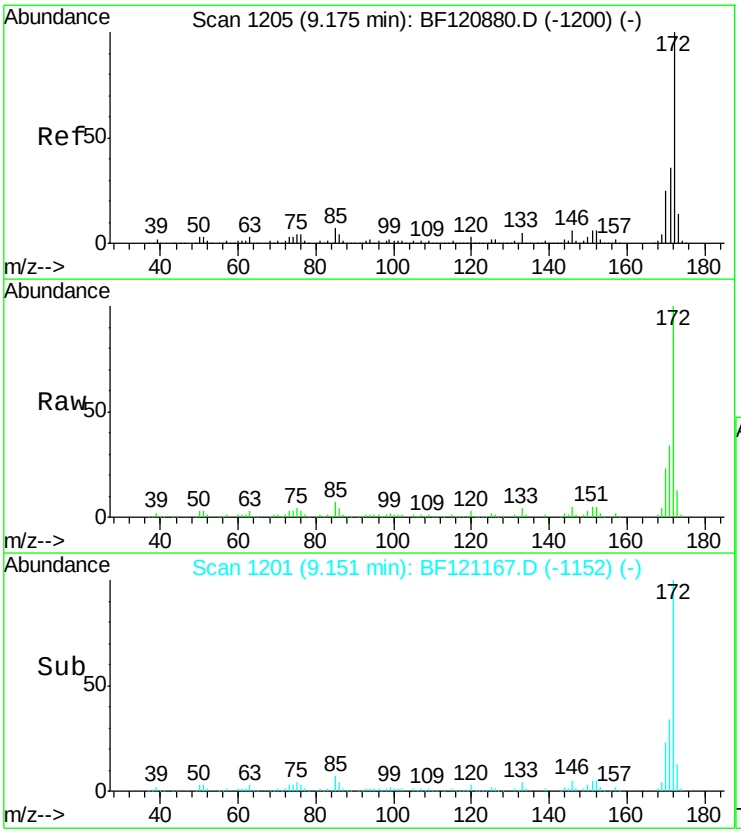
#42
2,4,6-Tribromophenol
Concen: 14.133 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion:330 Resp: 39814

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	33.5	24.1	36.1

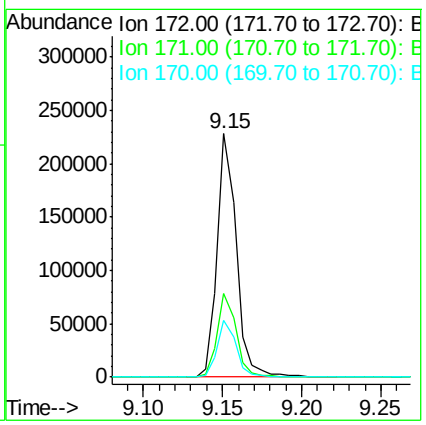


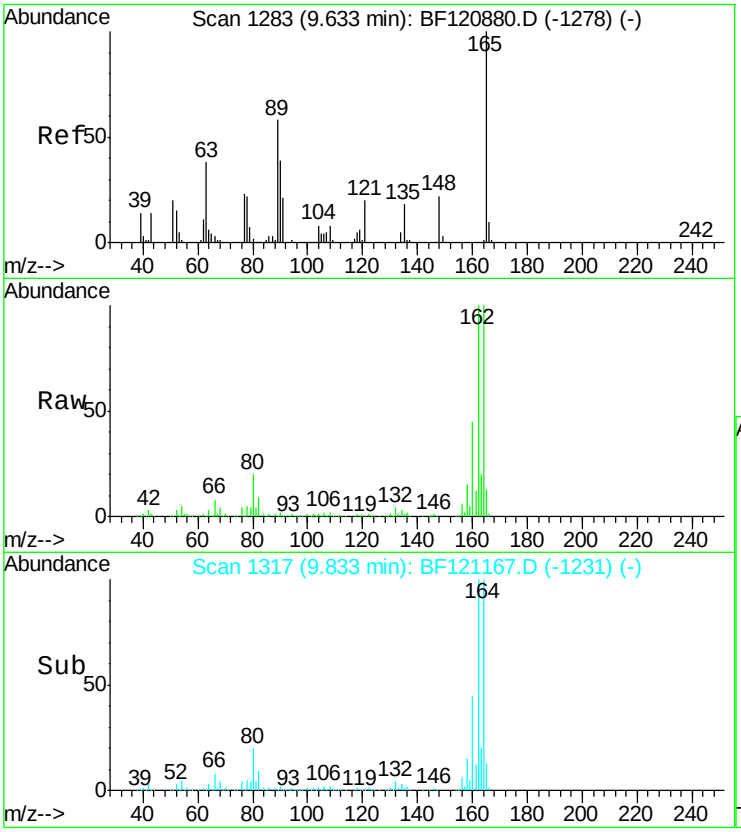


#45
2-Fluorobiphenyl
Concen: 11.156 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion:172 Resp: 192297

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.0	43.4
170	23.2	19.6	29.4



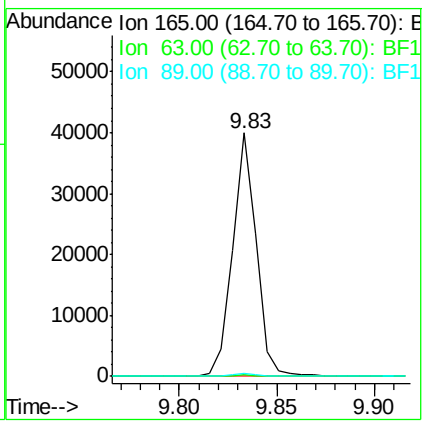


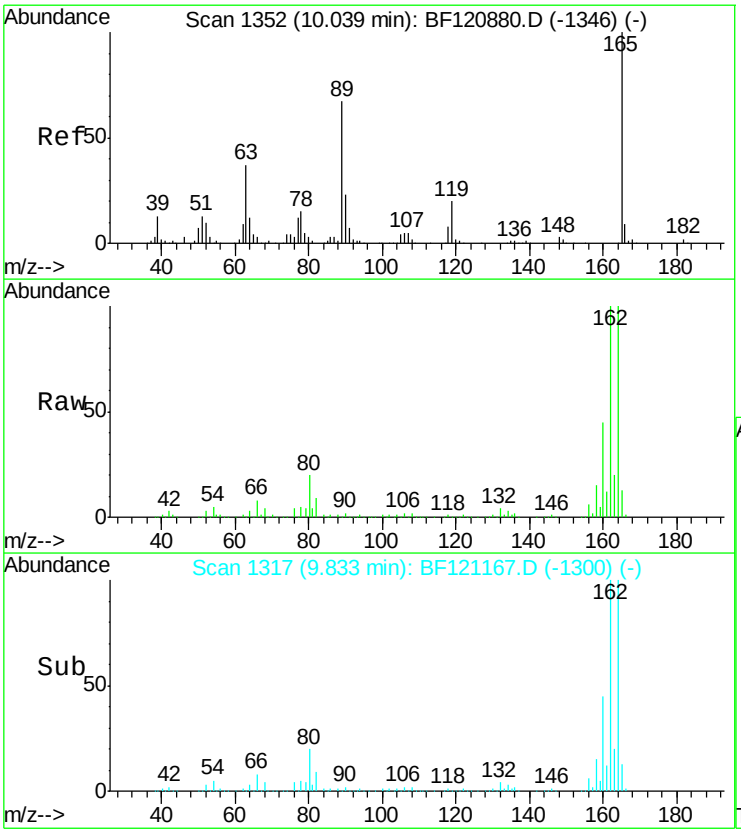
#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.21 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion:165 Resp: 33606

Ion	Ratio	Lower	Upper
165	100		
63	0.9	41.1	61.7#
89	1.0	43.5	65.3#

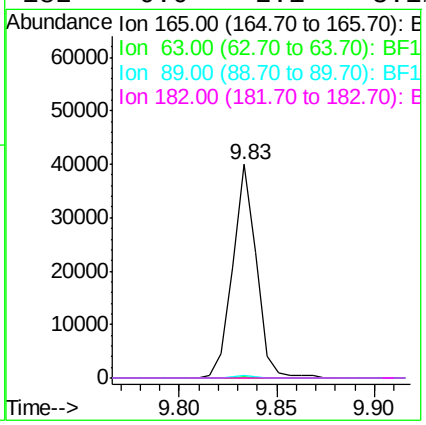


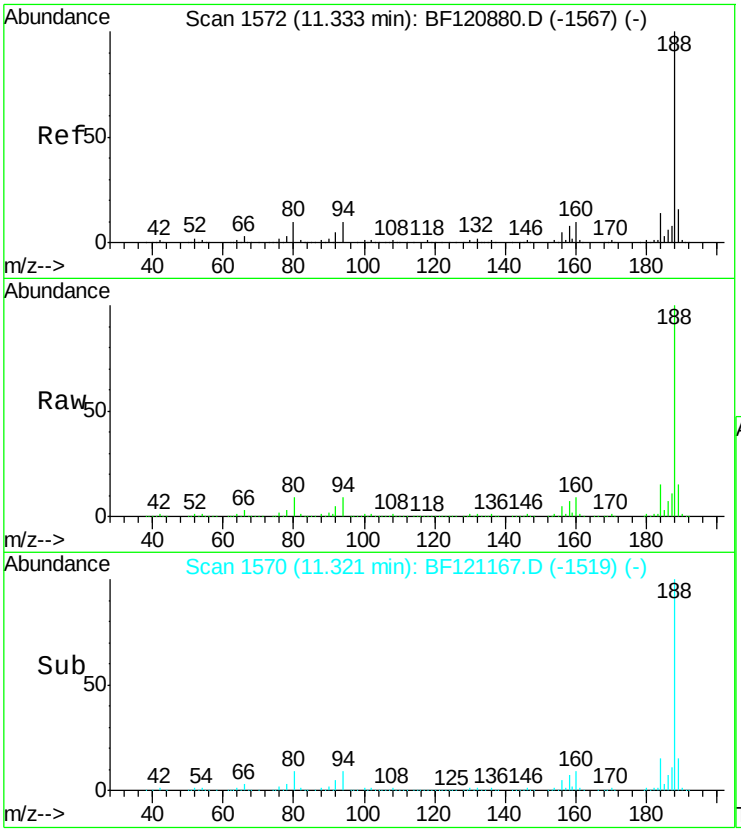


#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion:165 Resp: 33606

Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	1.0	50.3	75.5#
182	0.0	2.1	3.1#



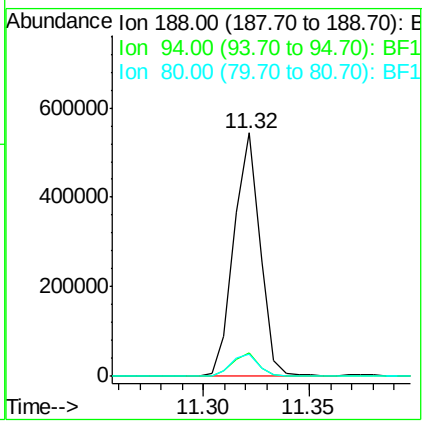


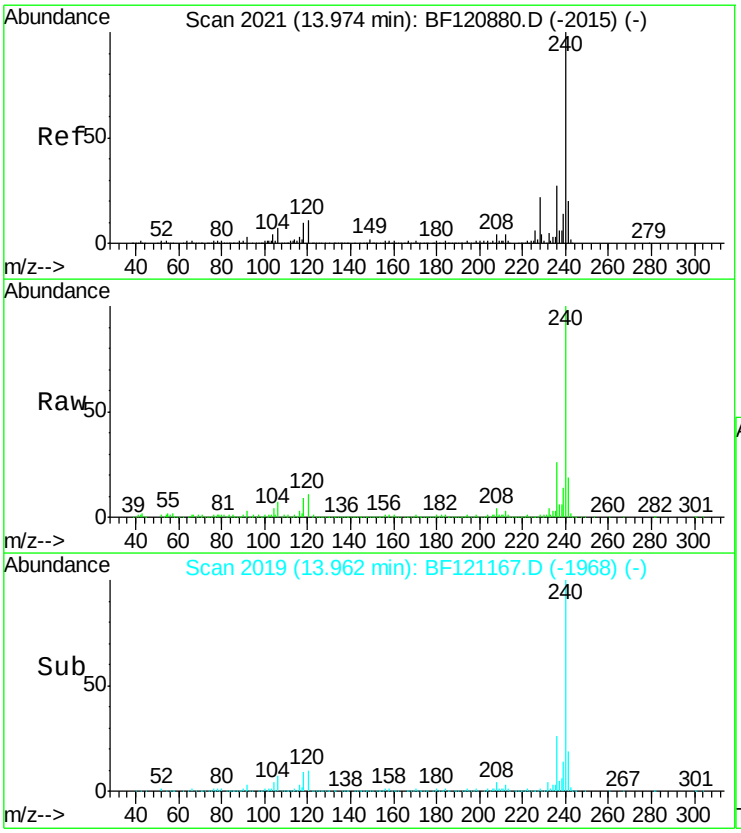
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion:188 Resp: 465212

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.4	8.3	12.5

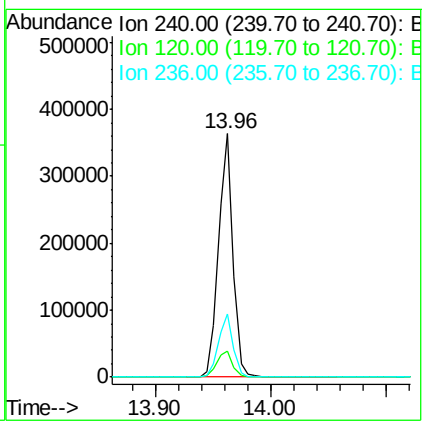


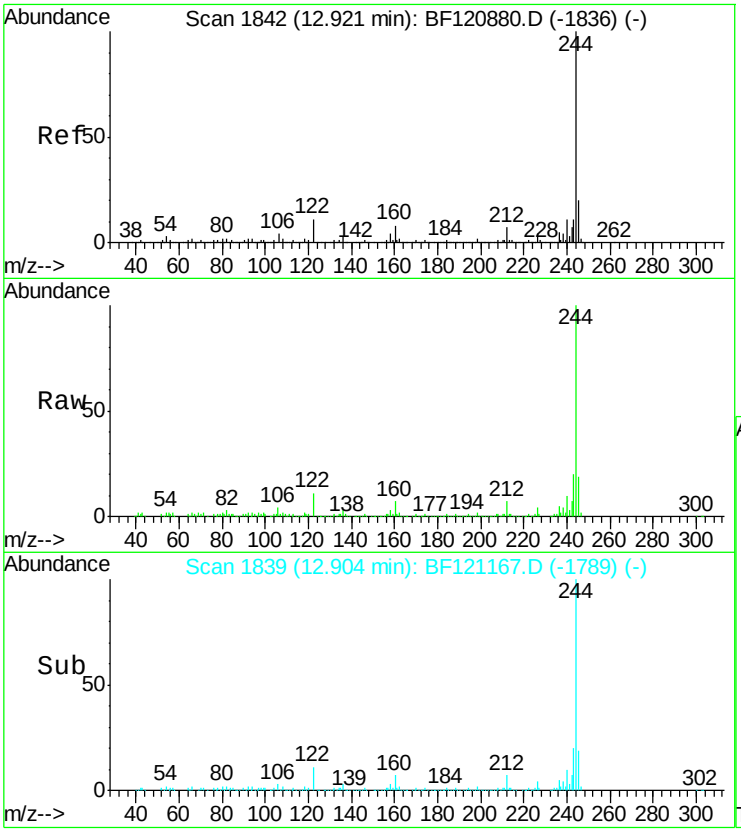


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion:240 Resp: 314911

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.3	13.9
236	26.0	21.1	31.7



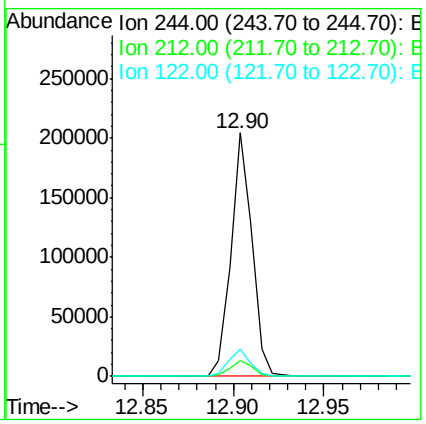


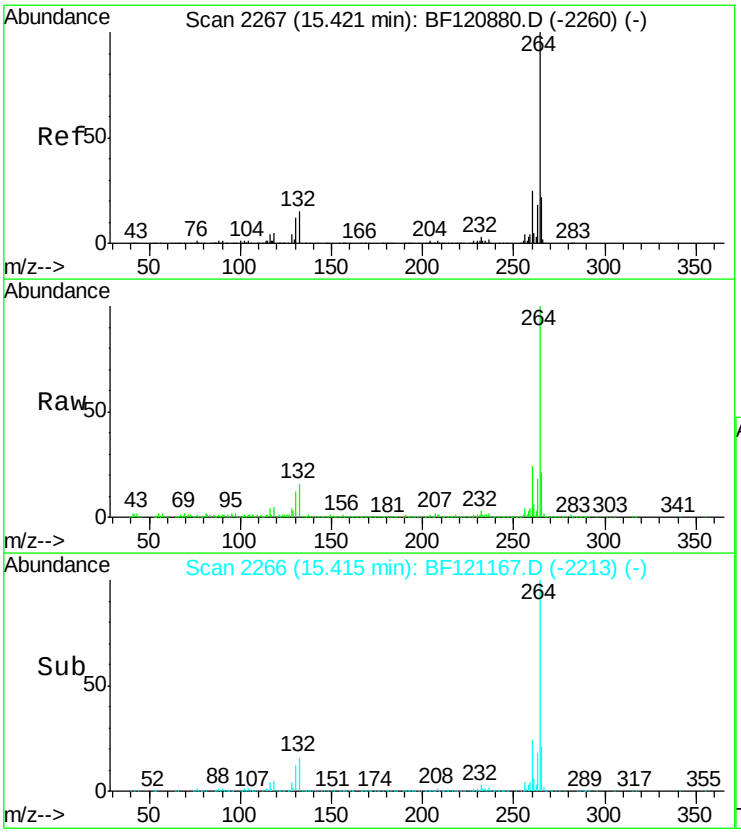
#79
Terphenyl-d14
Concen: 11.394 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tgt Ion:244 Resp: 165065

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion:264 Resp: 358774

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.5	17.8	26.8