Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116128.D
Acq On : 9 Aug 2019 22:28
Operator : HP/JU
Sample : K3613-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-080719-A

Quant Time: Aug 10 06:31:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118216	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	462490	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	220433	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	333414	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	270442	20.00	ng	-0.01
87) Perylene-d12	15.47	264	317376	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	148966	21.10	ng	0.00
7) Phenol-d6	6.47	99	199918	22.44	ng	-0.01
23) Nitrobenzene-d5	7.40	82	122593	15.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	34205	16.00	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	205066	17.42	ng	-0.01
79) Terphenyl-d14	12.94	244	159368	12.42	ng	-0.01
Target Compounds						Qvalue

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

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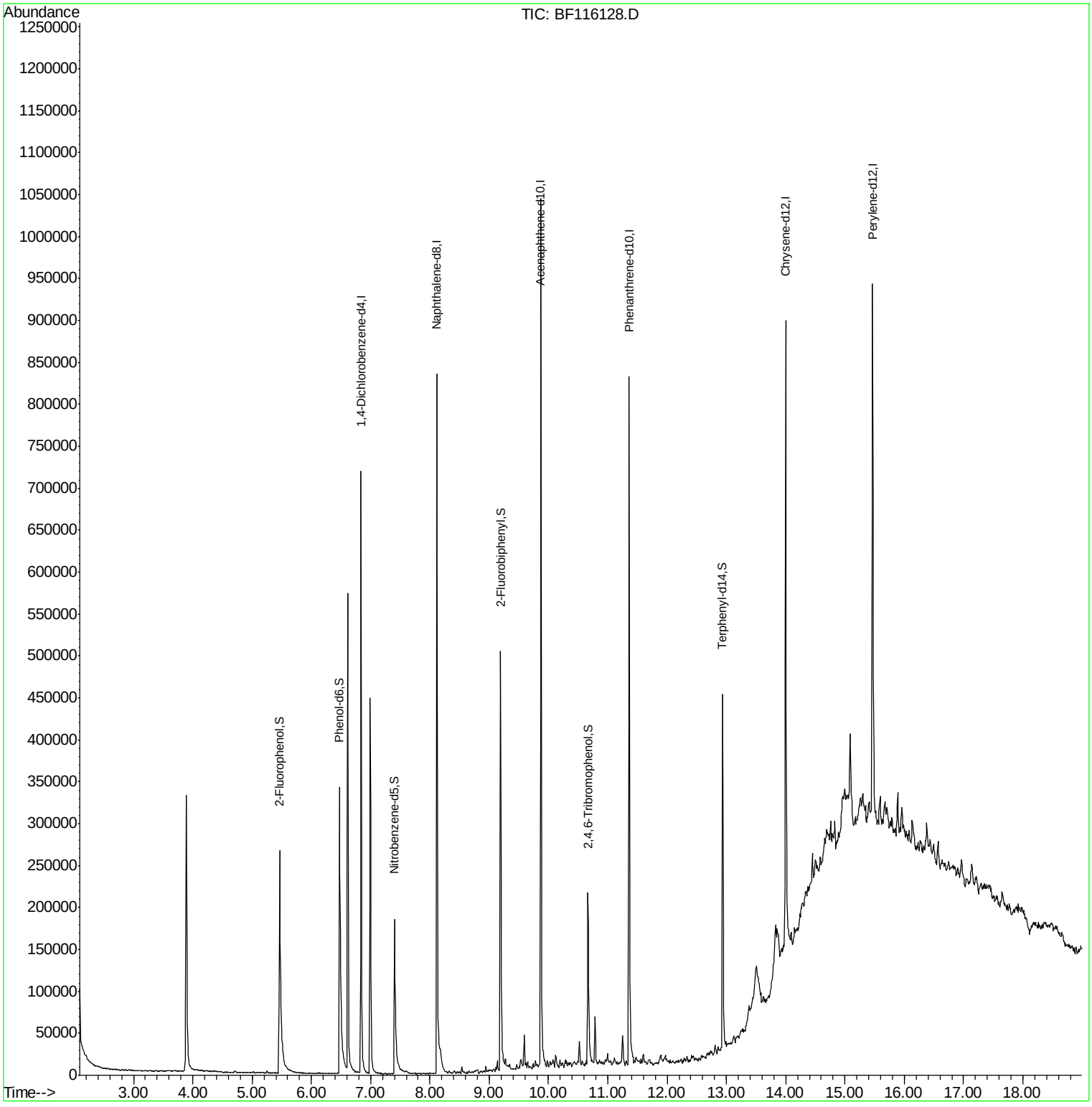
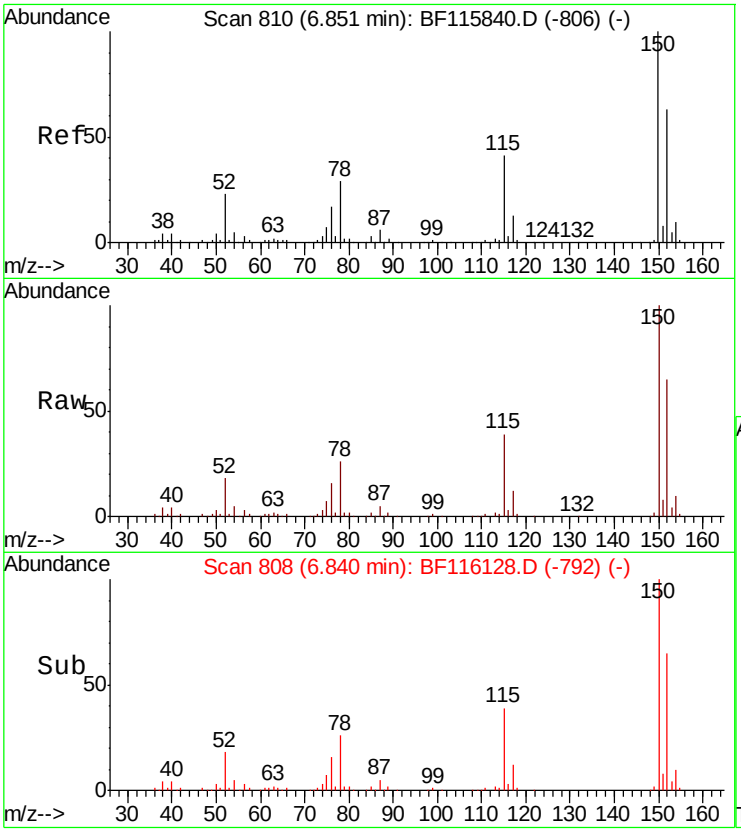


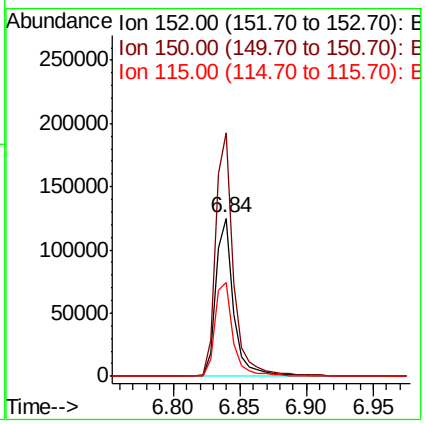


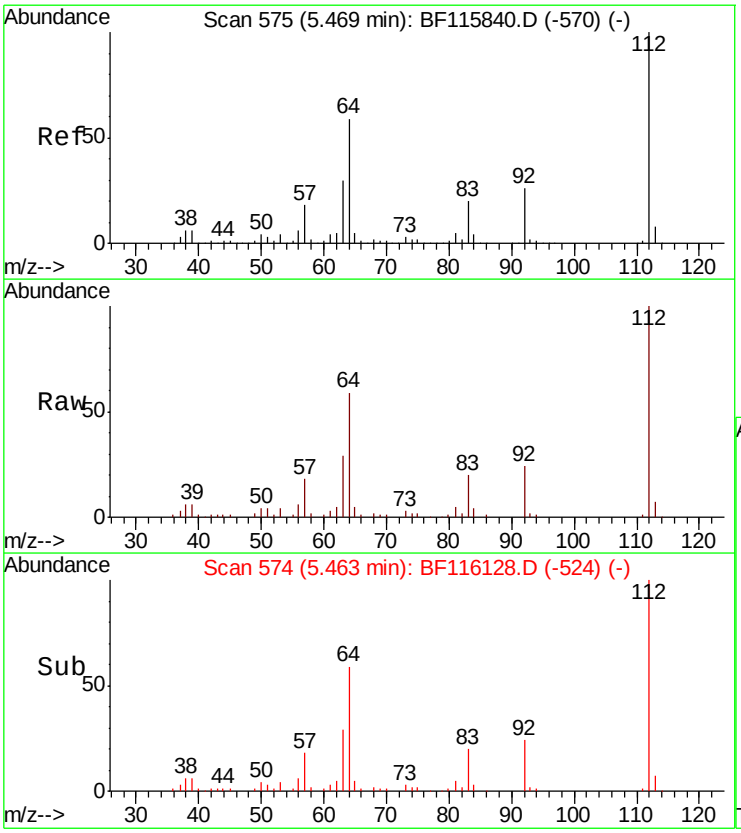
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tgt Ion:152 Resp: 118216

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	59.6	49.9	74.9

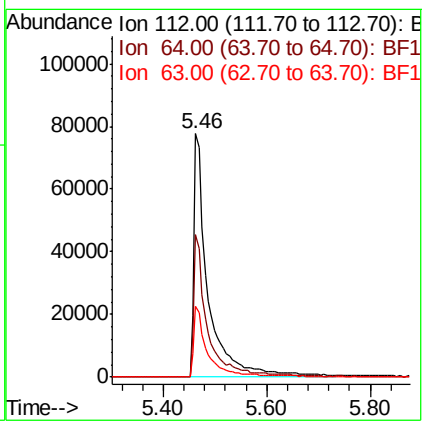


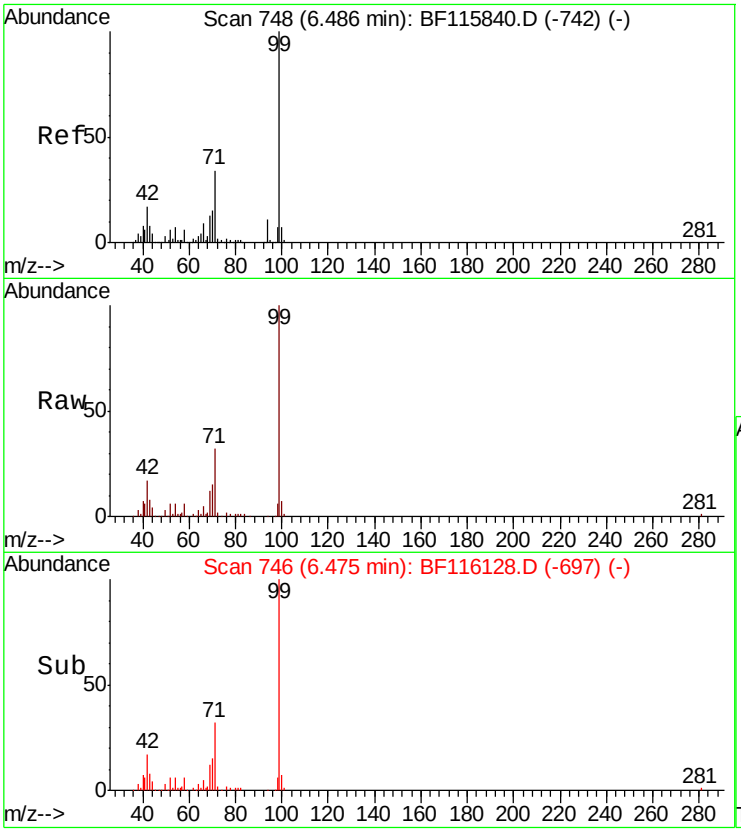


#5
2-Fluorophenol
Concen: 21.095 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:112 Resp: 148966

Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.4	68.2
63	29.3	23.7	35.5



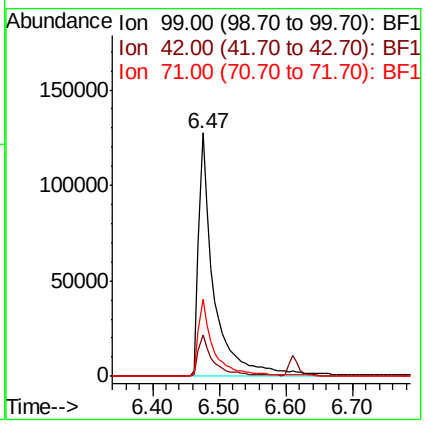


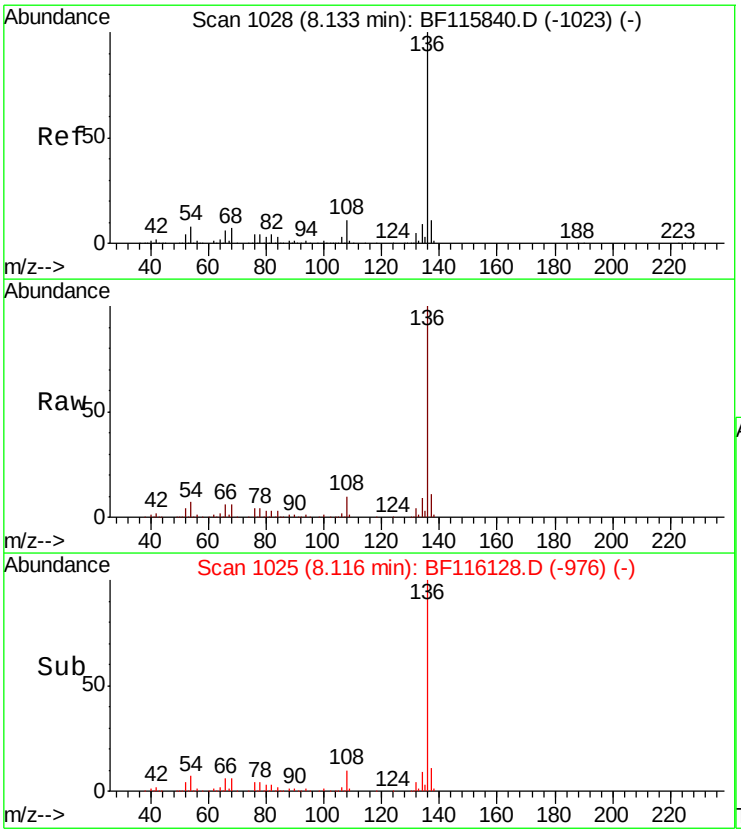
#7
Phenol-d6
Concen: 22.439 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tgt Ion: 99 Resp: 199918

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	31.8	27.3	40.9

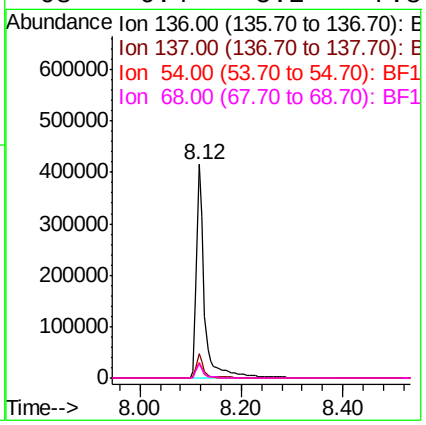


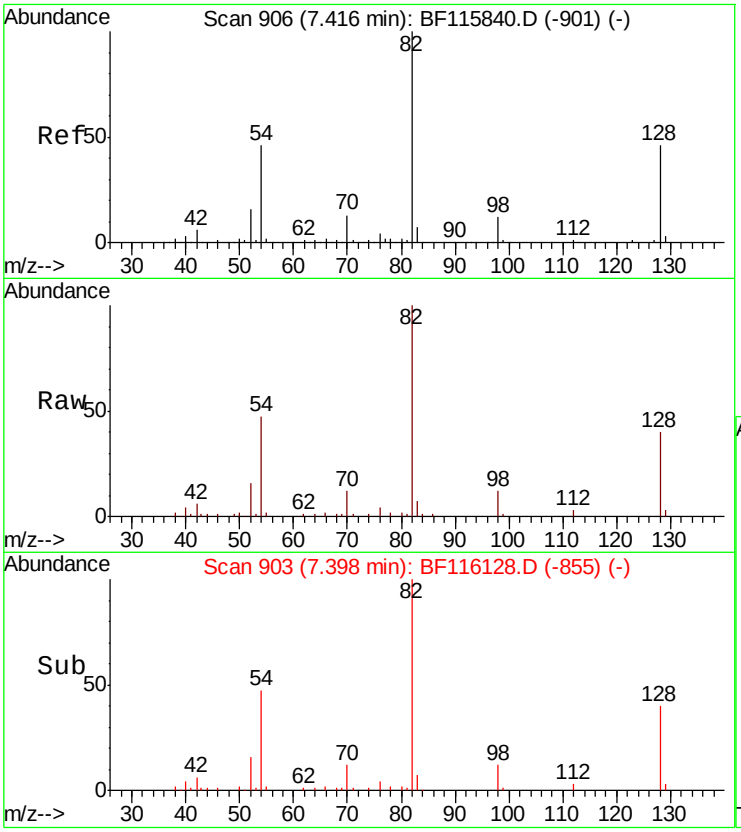


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:136 Resp: 462490

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	5.8	8.6
68	6.4	5.2	7.8



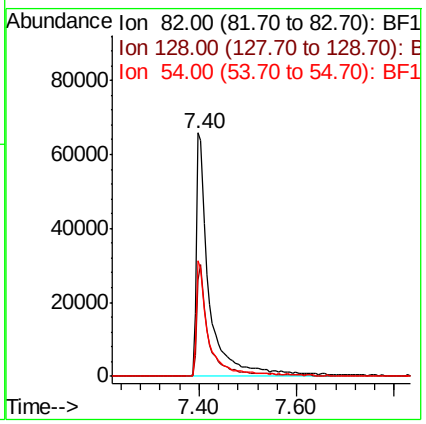


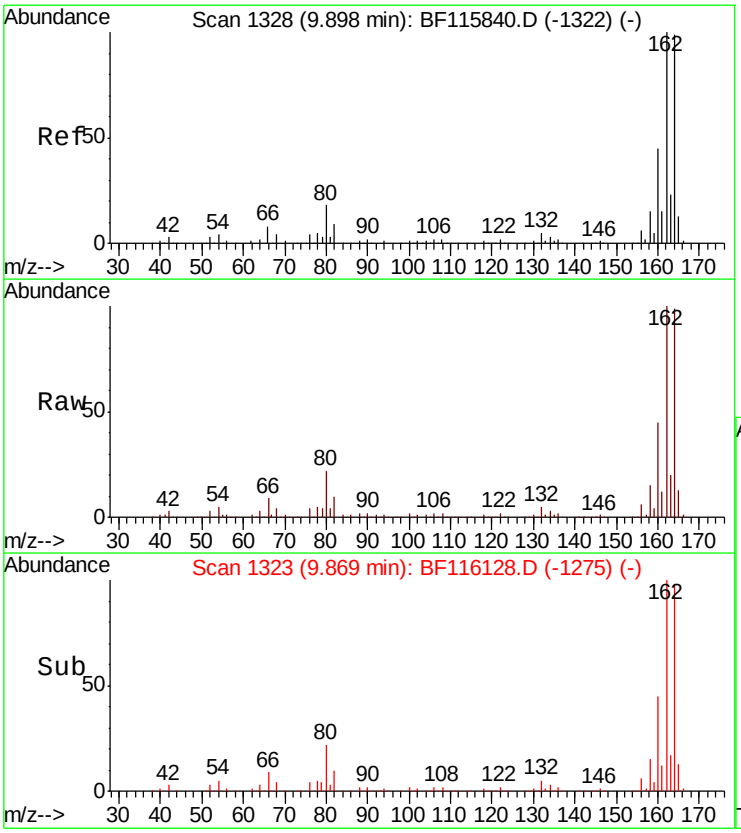
#23
Nitrobenzene-d5
Concen: 15.301 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tgt Ion: 82 Resp: 122593

Ion	Ratio	Lower	Upper
82	100		
128	39.6	36.5	54.7
54	47.2	36.0	54.0

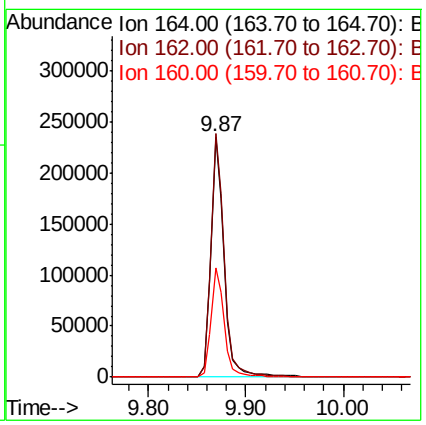


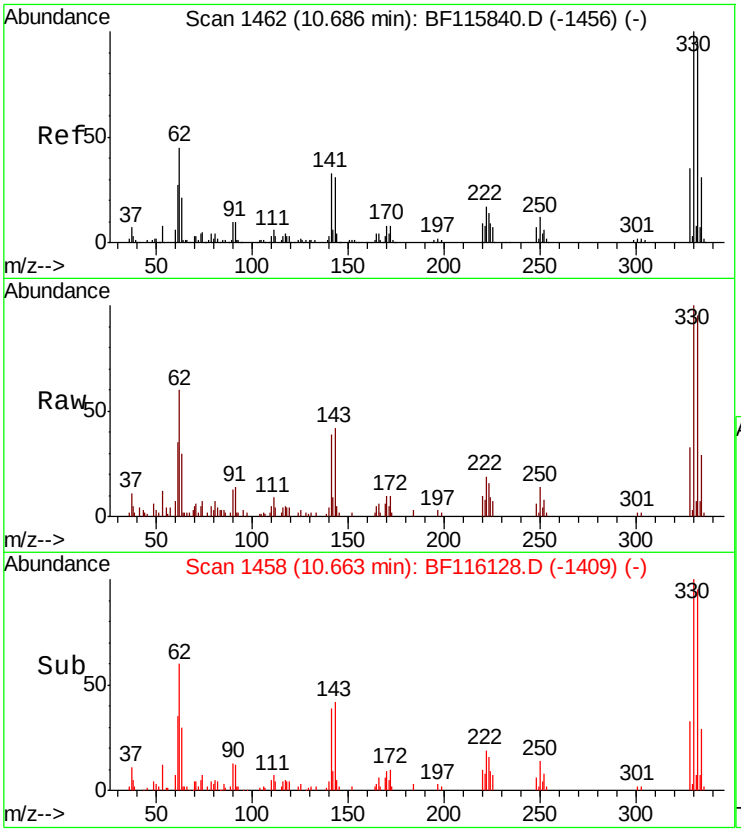


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:164 Resp: 220433

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	124.0
160	45.6	37.6	56.4



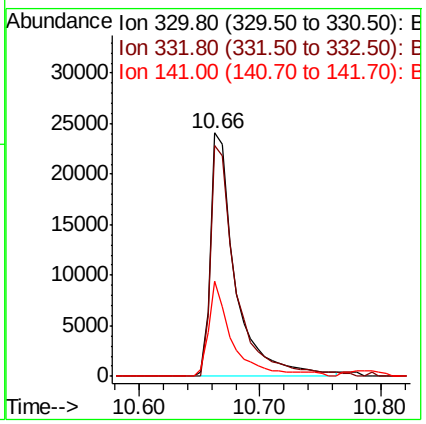


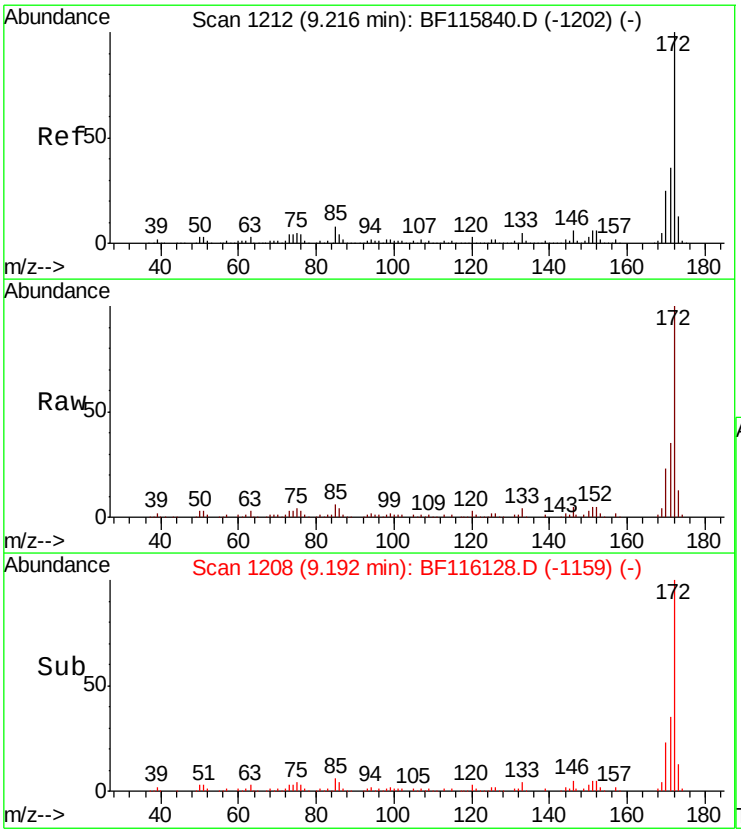
#42
2,4,6-Tribromophenol
Concen: 16.005 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tgt Ion:330 Resp: 34205

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	37.4	26.3	39.5

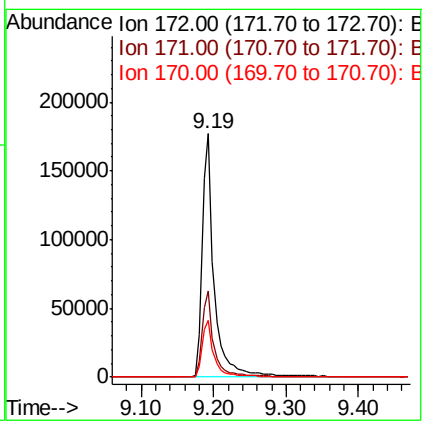


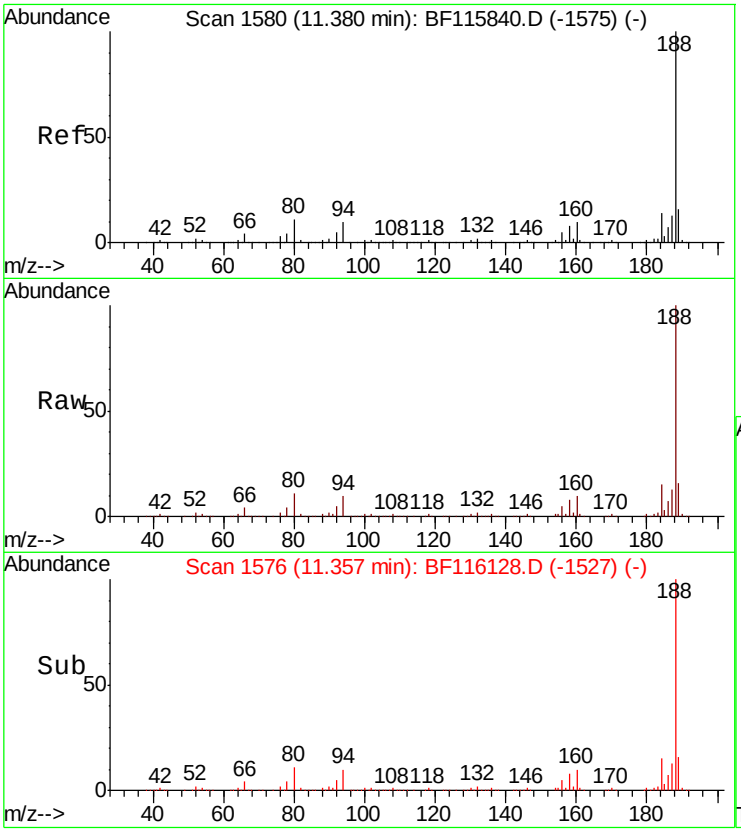


#45
2-Fluorobiphenyl
Concen: 17.425 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:172 Resp: 205066

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.4	20.1	30.1



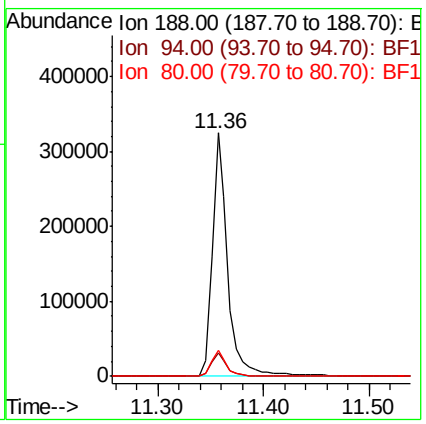


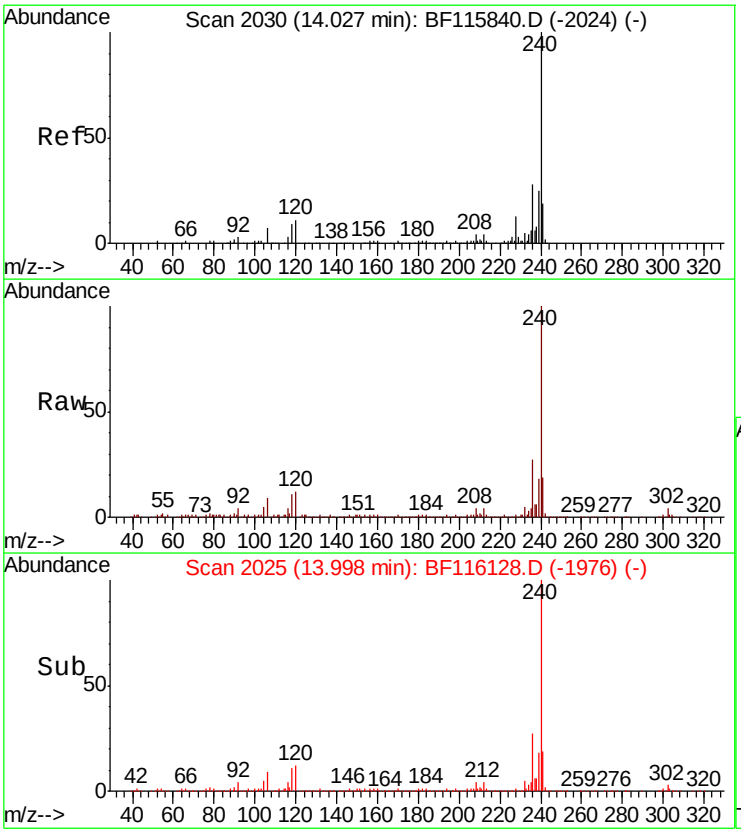
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tgt Ion:188 Resp: 333414

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.6	8.7	13.1

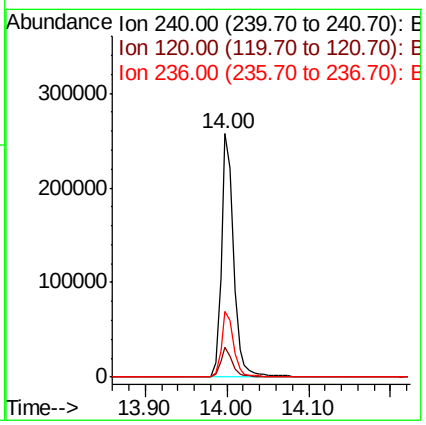


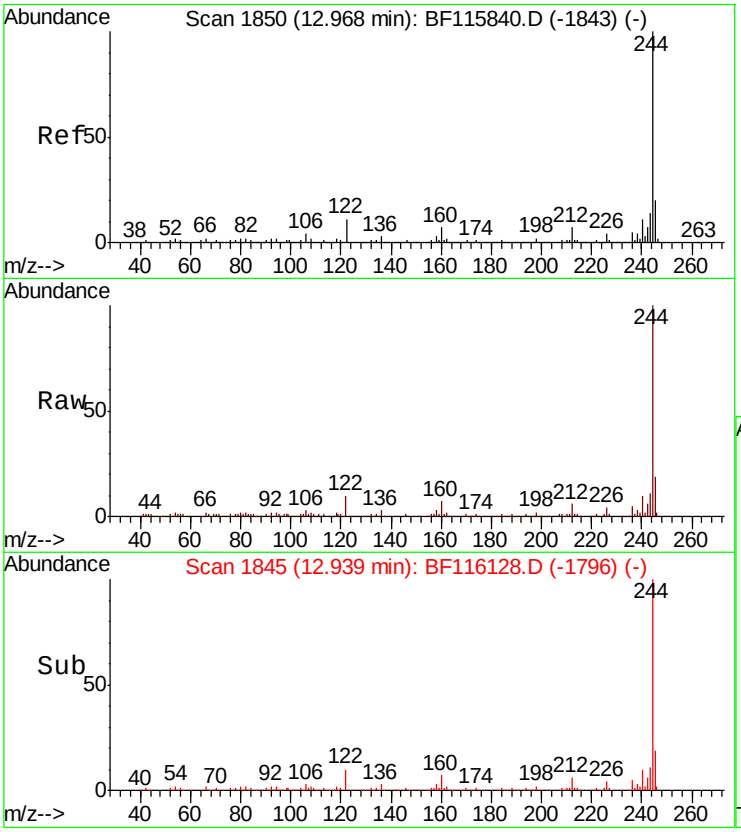


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:240 Resp: 270442

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.7	16.1
236	26.8	22.2	33.2



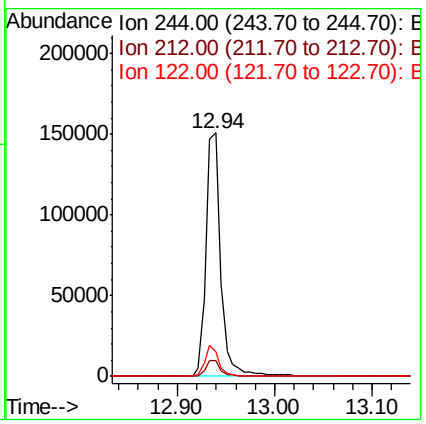


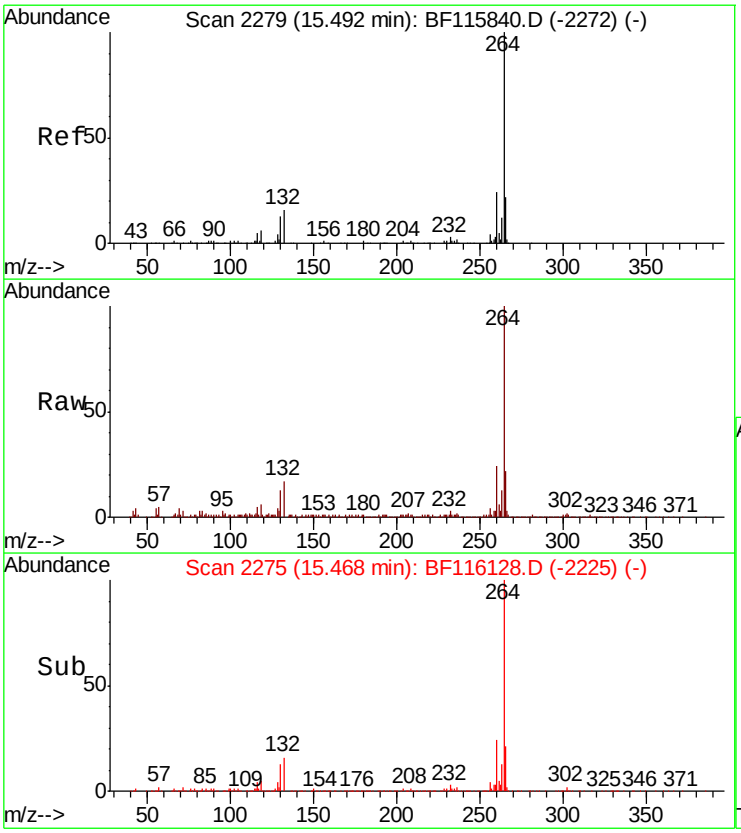
#79
Terphenyl-d14
Concen: 12.417 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-A

Tgt Ion:244 Resp: 159368

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	10.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116128.D
Acq: 9 Aug 2019 22:28

Tgt Ion:264 Resp: 317376

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.7	17.4	26.0