Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112697.D
Acq On : 25 Feb 2019 17:25
Operator : JU/SJ
Sample : K1595-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B10

Quant Time: Feb 26 00:16:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	50775	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	190187	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	93014	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	170348	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	134978	20.00	ng	-0.02
87) Perylene-d12	15.46	264	124655	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	363489	152.06	ng	-0.02
7) Phenol-d6	6.48	99	402448	121.16	ng	-0.01
23) Nitrobenzene-d5	7.38	82	341732	103.53	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	151499	139.93	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	683497	103.93	ng	-0.04
79) Terphenyl-d14	12.92	244	680717	94.99	ng	-0.04
Target Compounds						Qvalue

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

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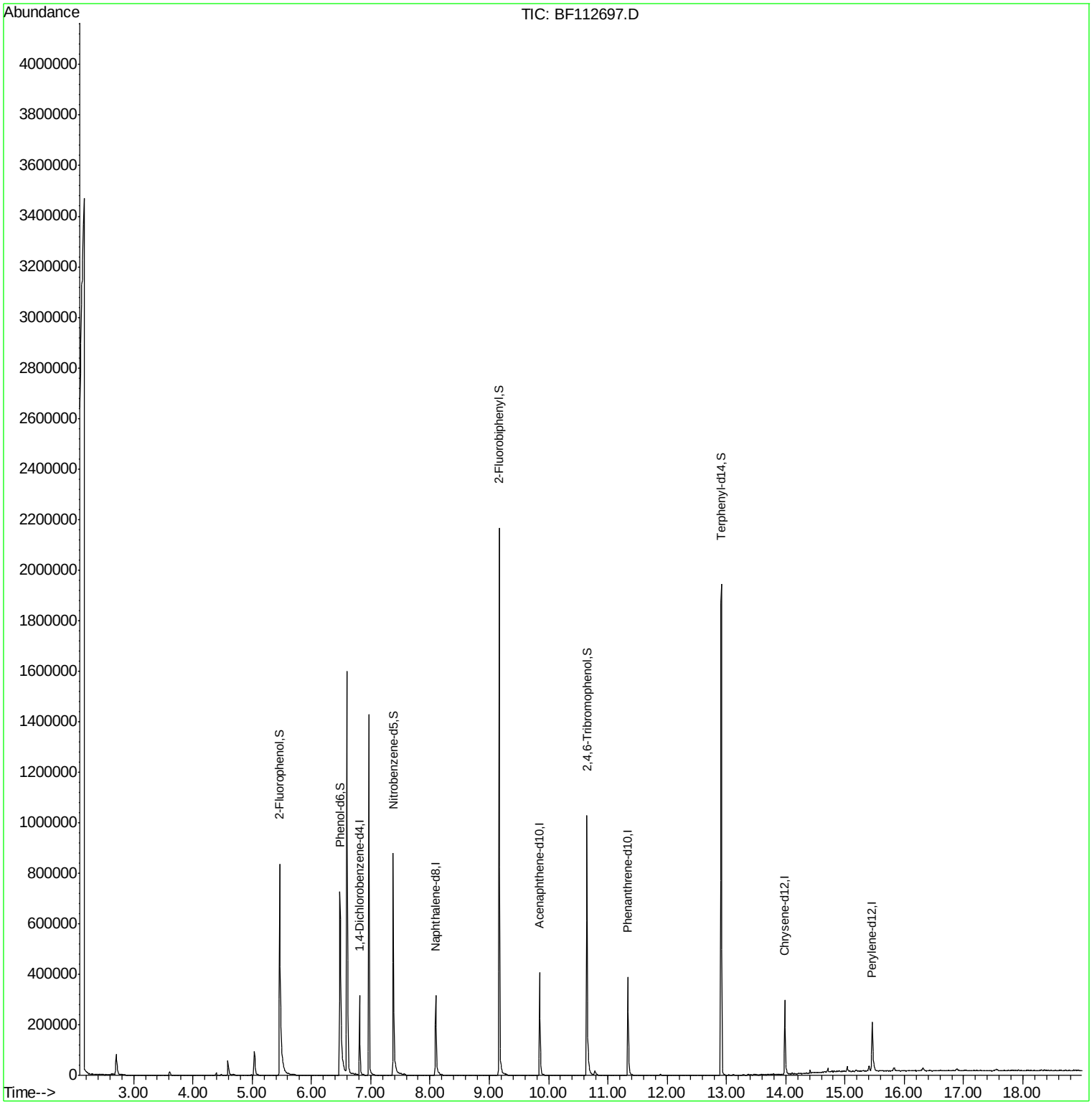
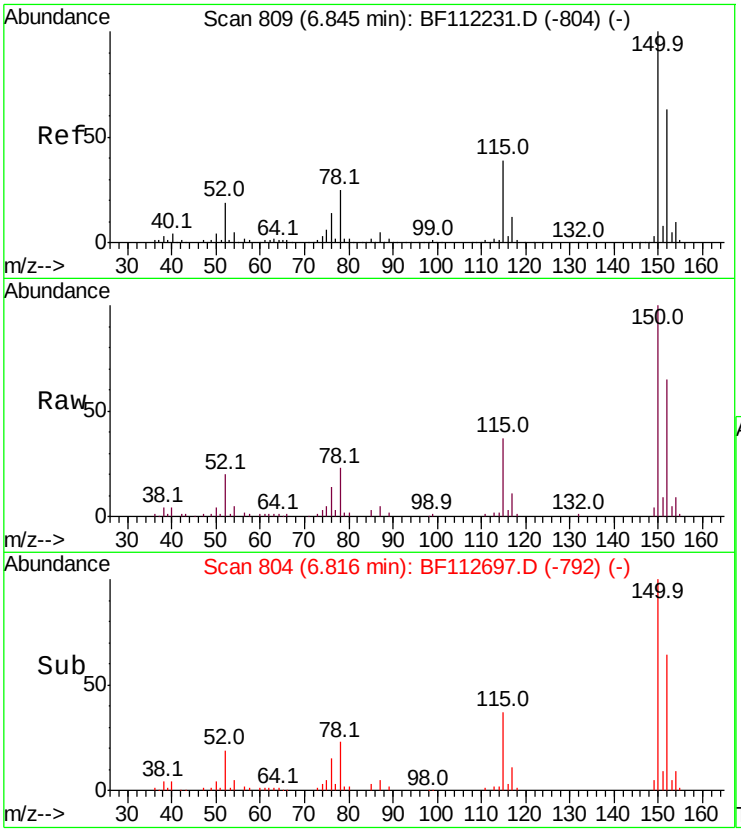


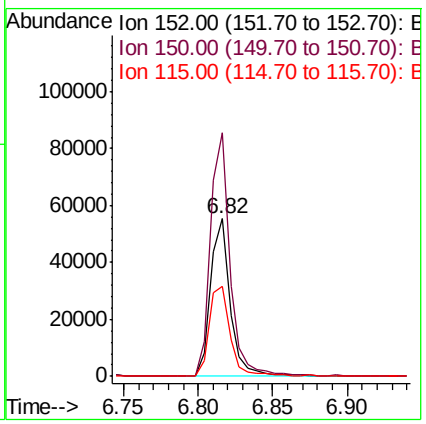


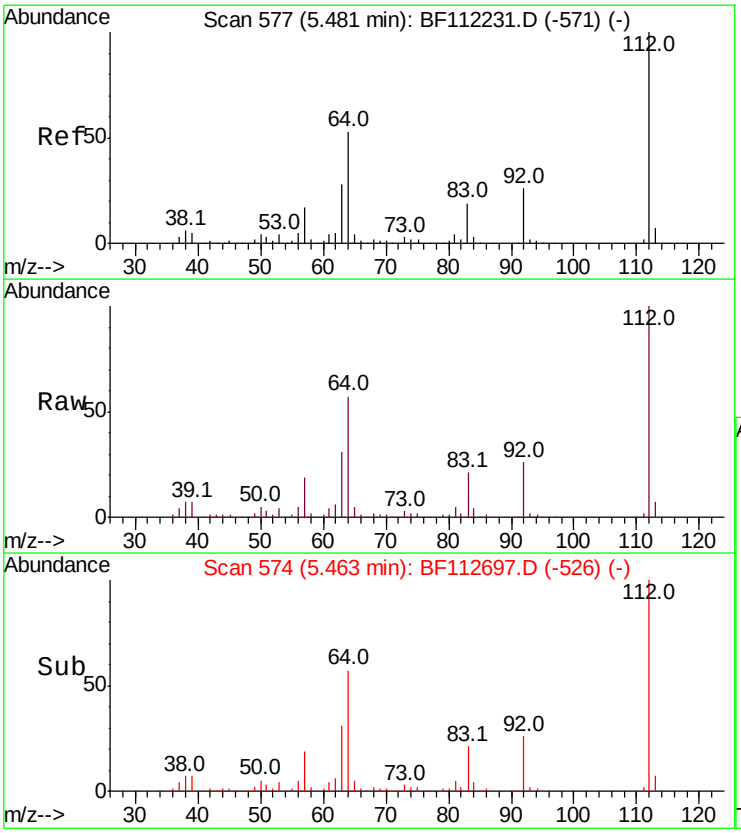
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10

Tgt Ion:152 Resp: 50775

Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	57.4	45.5	68.3

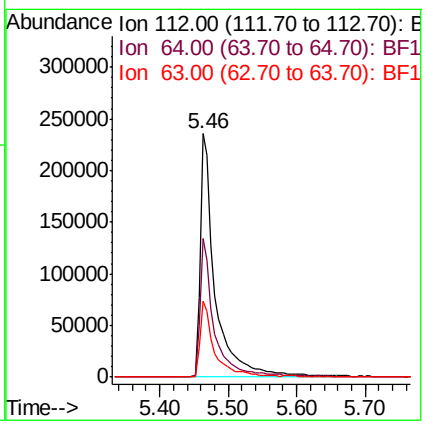


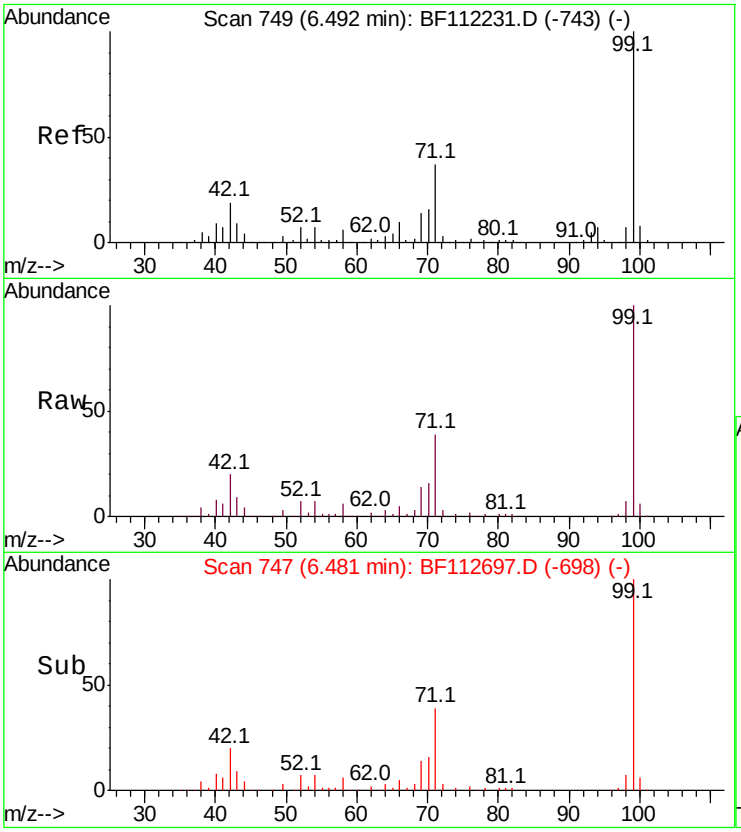


#5
2-Fluorophenol
Concen: 152.058 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Tgt Ion:112 Resp: 363489

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.7	68.5
63	31.1	23.6	35.4



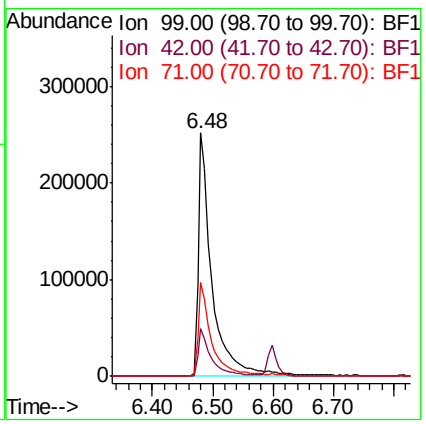


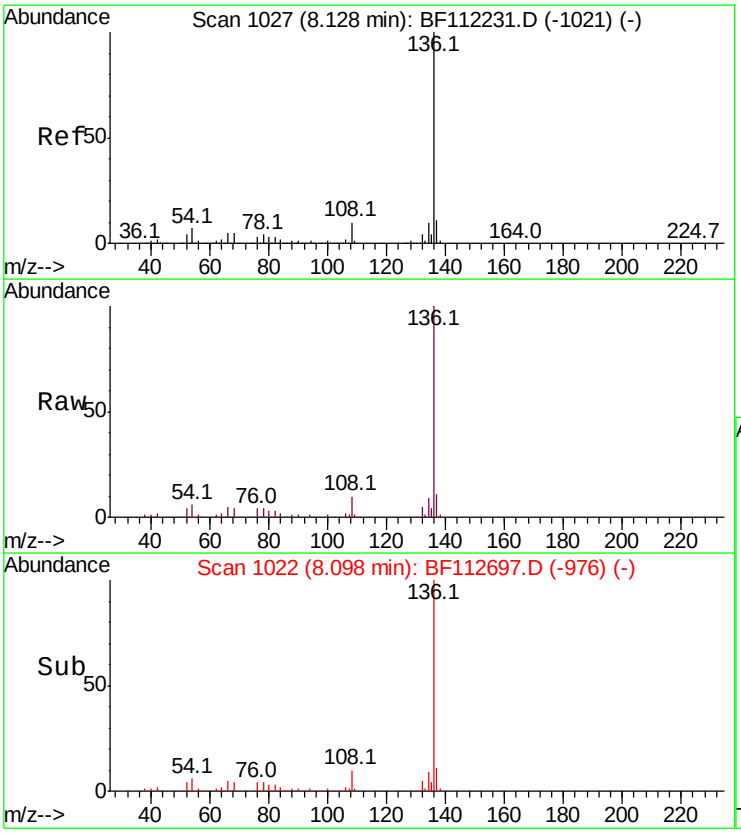
#7
Phenol-d6
Concen: 121.158 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10

Tgt Ion: 99 Resp: 402448

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.1	22.7
71	38.8	26.9	40.3

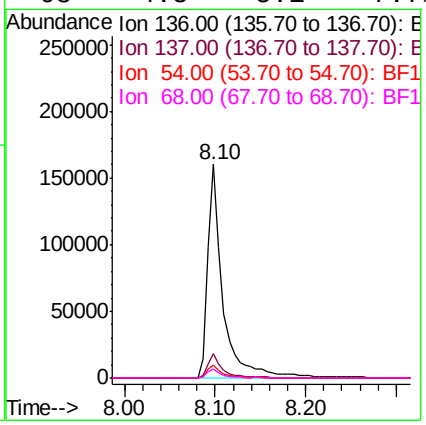


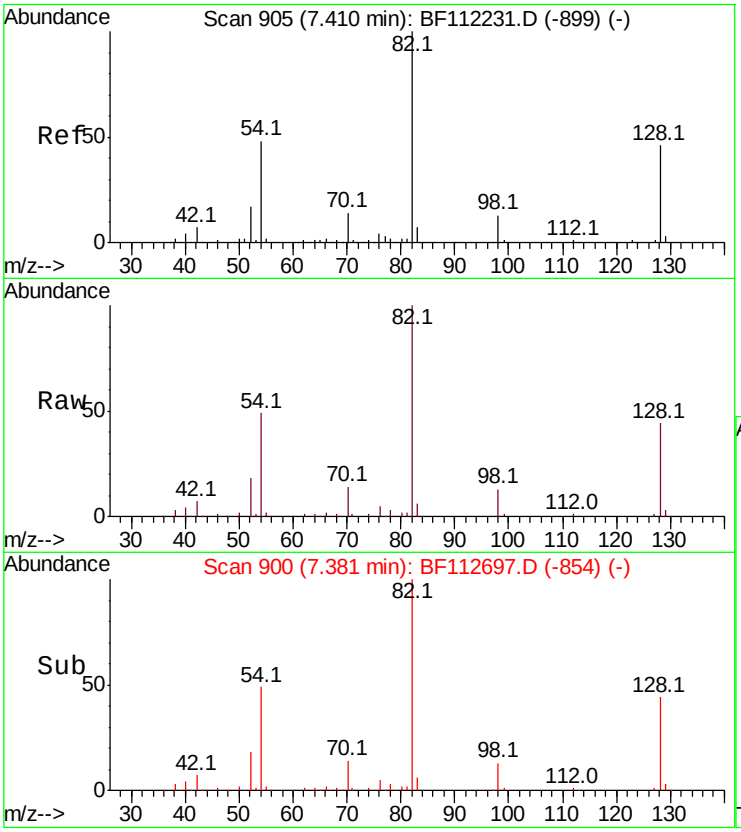


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Tgt Ion:136 Resp: 190187

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.0	5.9	8.9
68	4.5	5.1	7.7#

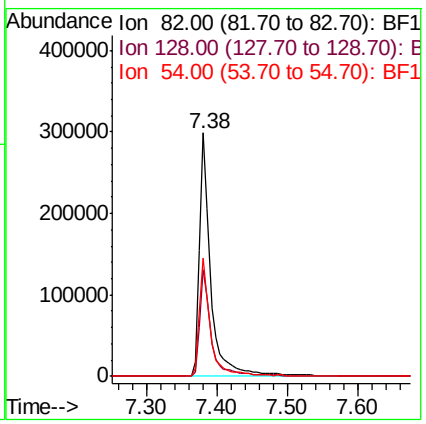




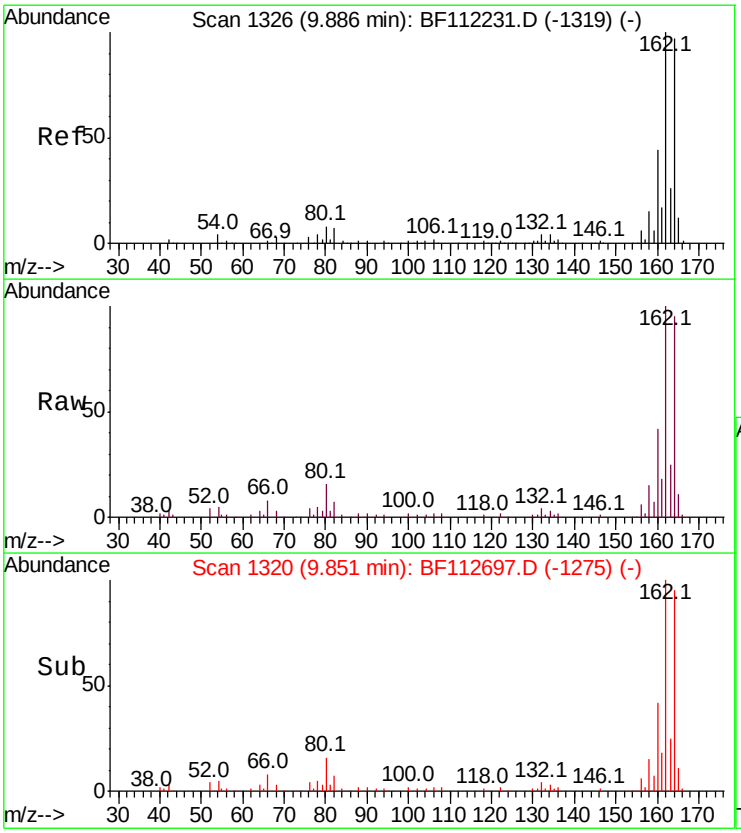
#23
Nitrobenzene-d5
Concen: 103.532 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Tgt Ion: 82 Resp: 341732

Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.8	56.8
54	48.7	39.7	59.5



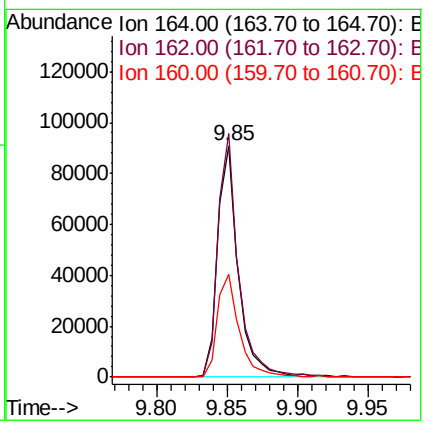
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10

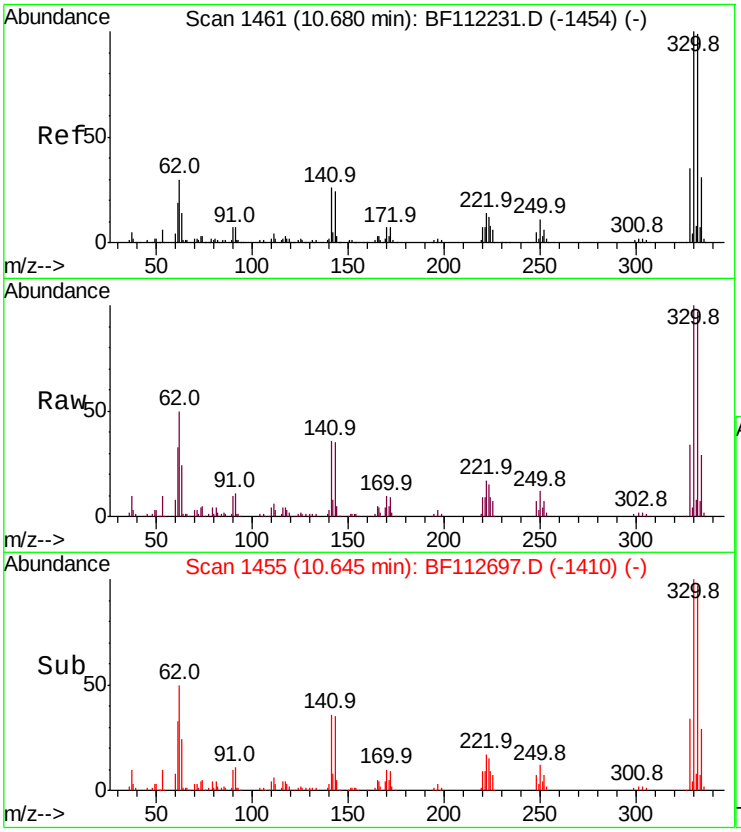


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Tgt Ion:164 Resp: 93014

Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.2	123.4
160	44.3	36.2	54.4



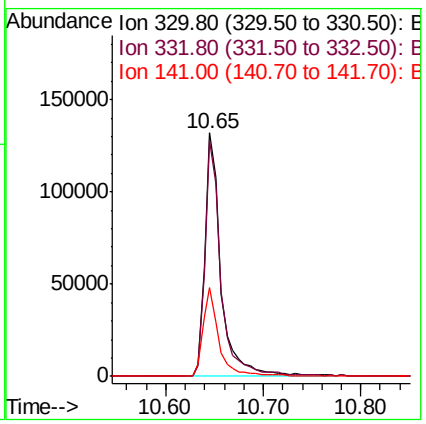


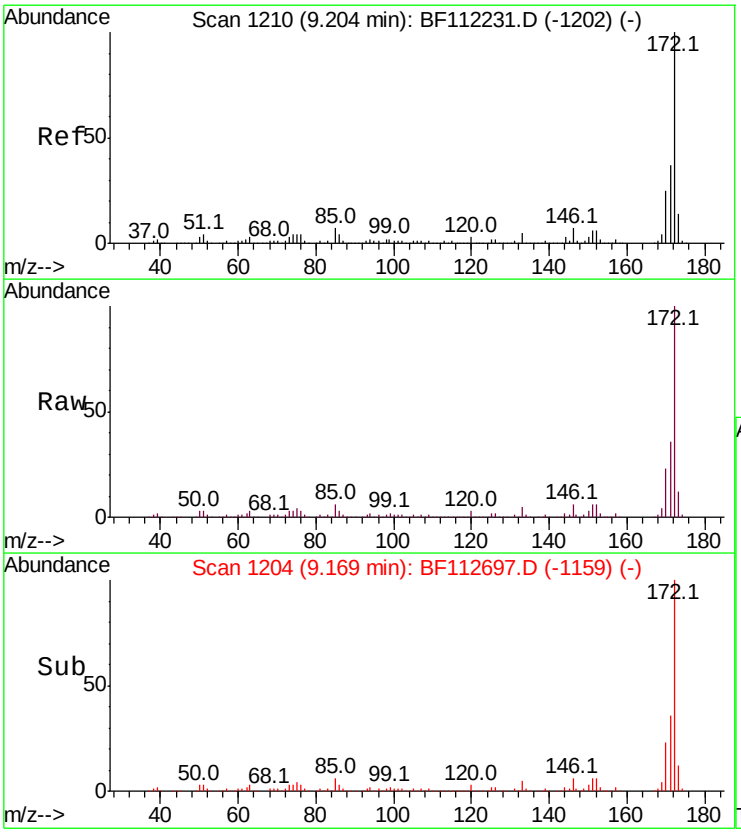
#42
2,4,6-Tribromophenol
Concen: 139.933 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10

Tgt Ion:330 Resp: 151499

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	35.5	24.3	36.5

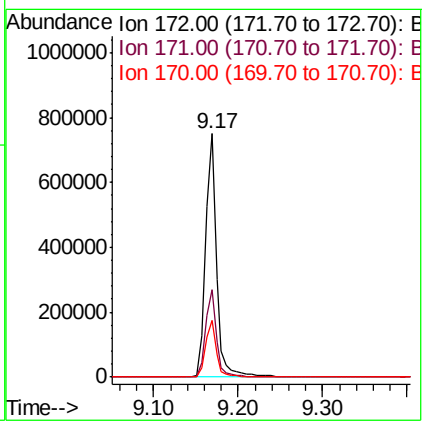


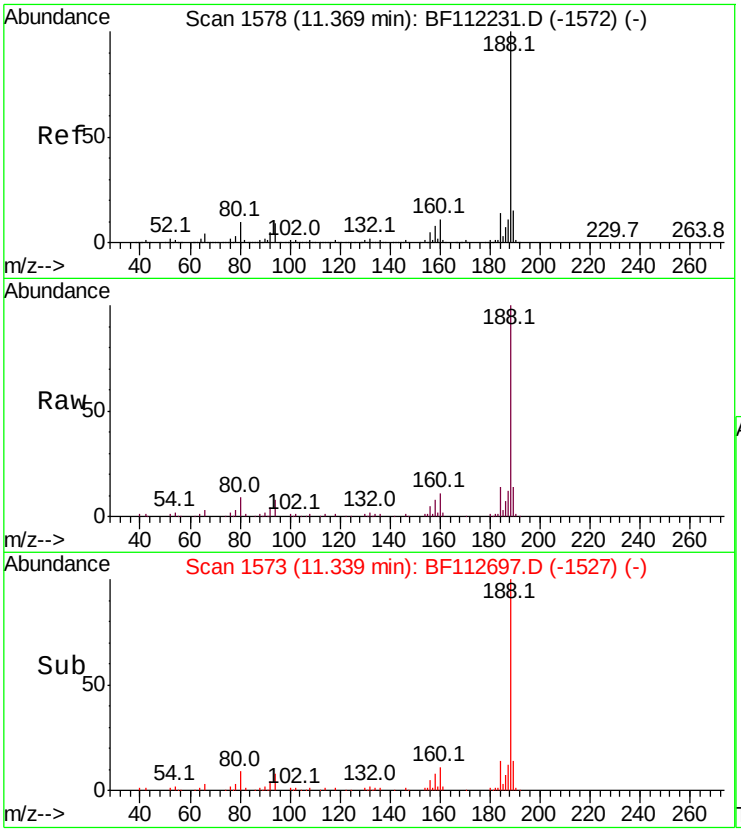


#45
2-Fluorobiphenyl
Concen: 103.930 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Tgt Ion:172 Resp: 683497

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.5	45.7
170	23.4	20.2	30.4



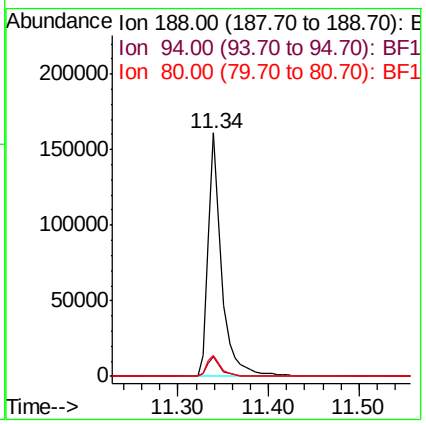


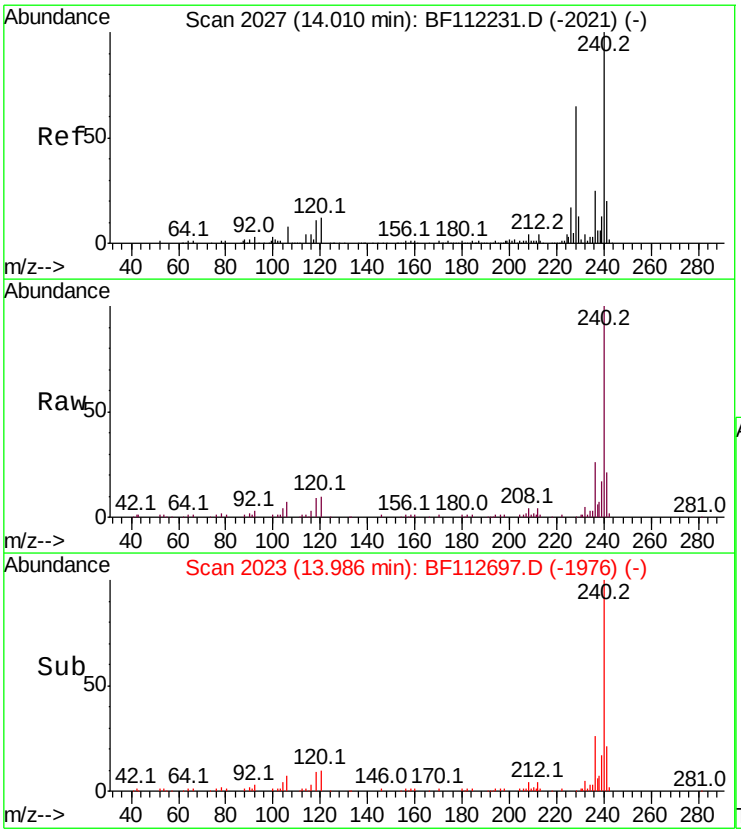
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10

Tgt Ion:188 Resp: 170348

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.2	12.2#
80	8.6	8.9	13.3#

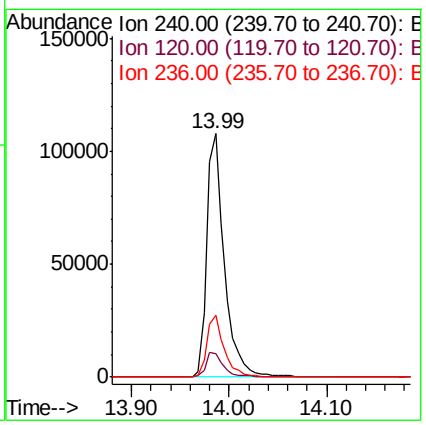


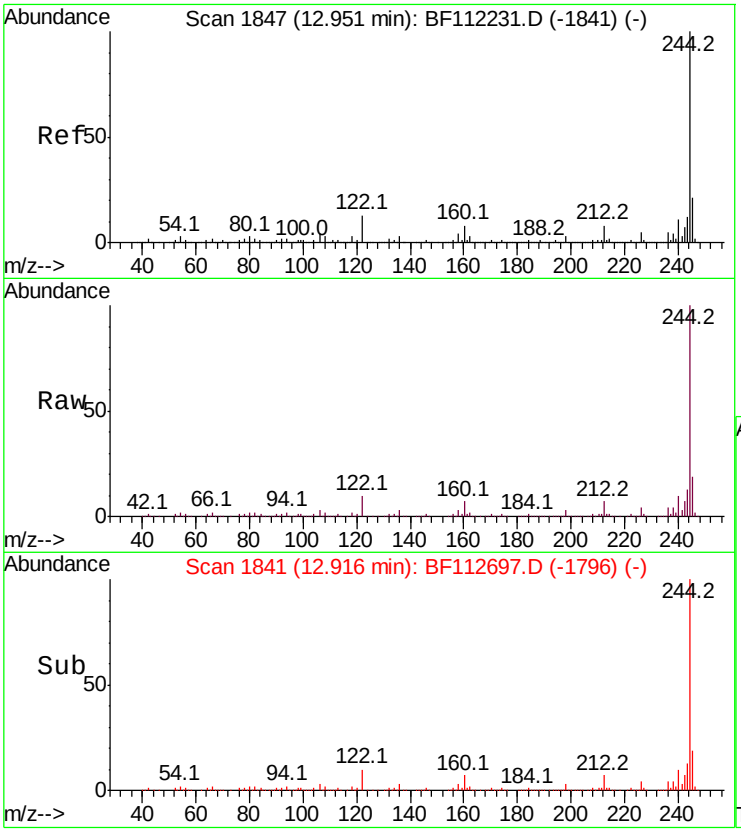


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Tgt Ion:240 Resp: 134978

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.0	13.6
236	25.6	20.7	31.1



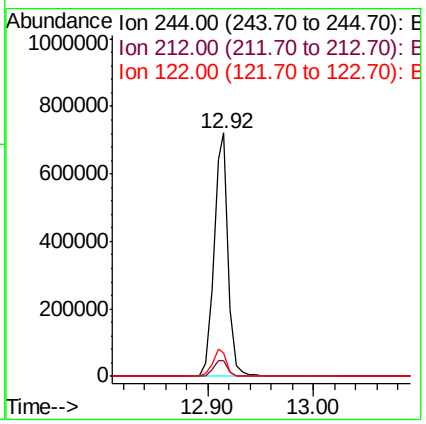


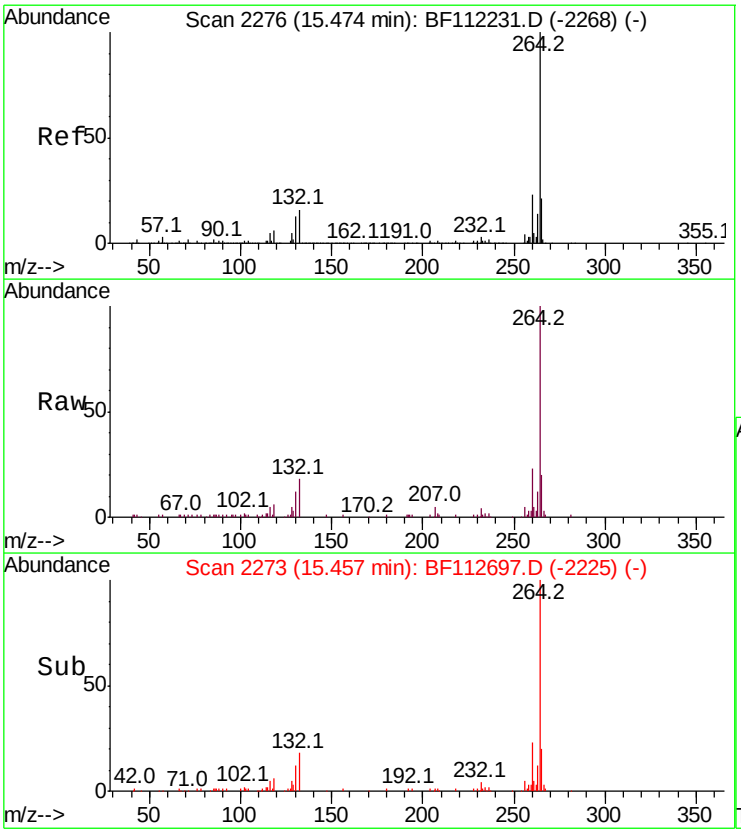
#79
Terphenyl-d14
Concen: 94.985 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10

Tgt Ion:244 Resp: 680717

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	9.6	9.8	14.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF112697.D
Acq: 25 Feb 2019 17:25

Tgt Ion:264 Resp: 124655

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	20.5	17.0	25.4