

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119089.D
 Acq On : 26 Feb 2020 12:26
 Operator : CG/JU
 Sample : L1644-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0179-COMP-SL-C-ELUTRIATE

Quant Time: Feb 26 16:21:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168530	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	638597	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	350289	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	666273	20.00	ng	0.00
76) Chrysene-d12	13.89	240	547372	20.00	ng	-0.01
87) Perylene-d12	15.32	264	420394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	210158	20.84	ng	0.00
7) Phenol-d6	6.39	99	217318	17.72	ng	-0.02
23) Nitrobenzene-d5	7.30	82	467726	38.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	143347	31.28	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	975189	41.01	ng	-0.01
79) Terphenyl-d14	12.84	244	1252798	39.40	ng	-0.01

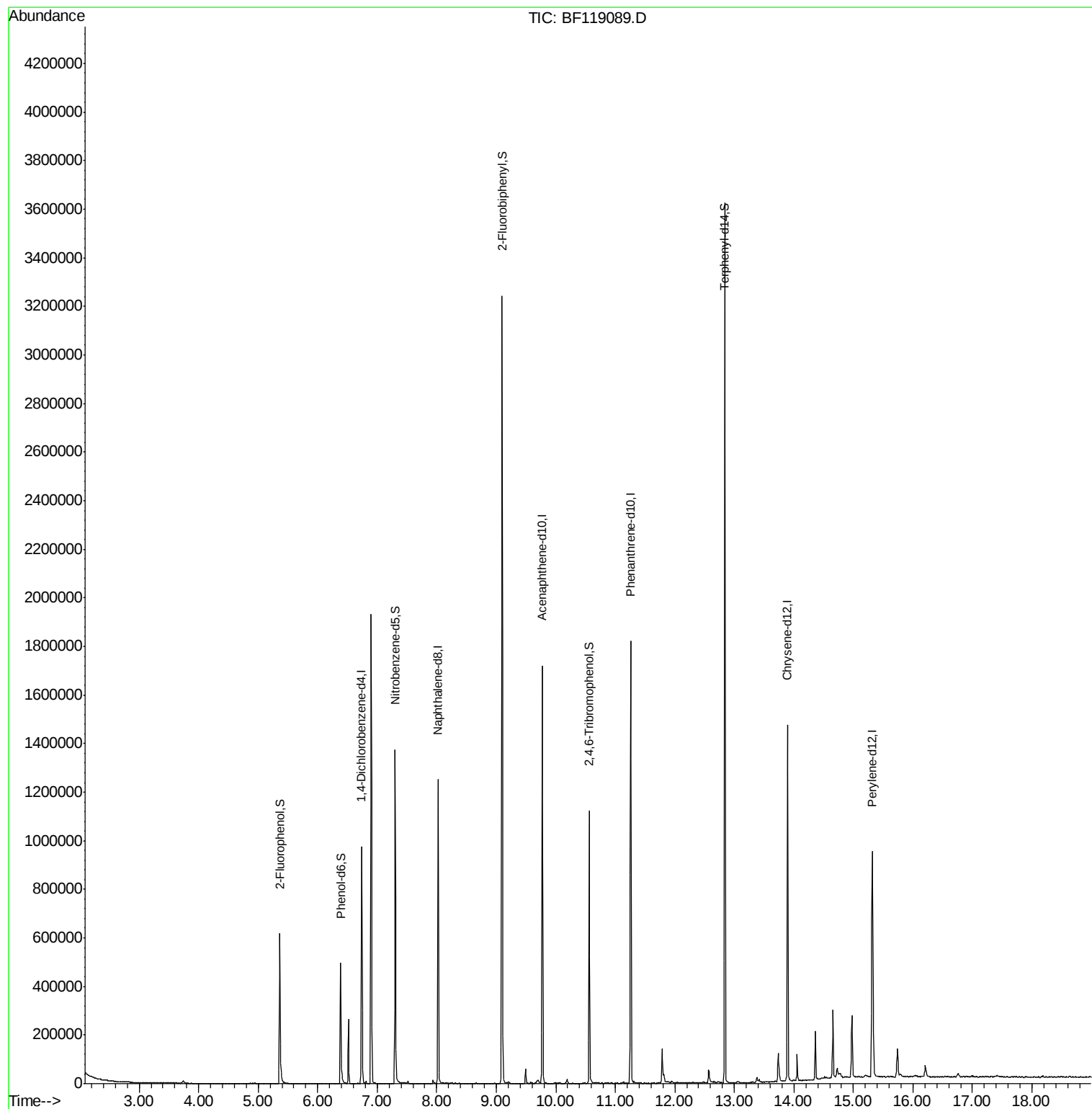
Target Compounds Qvalue

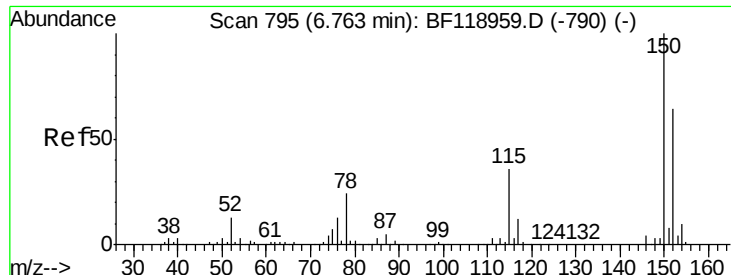
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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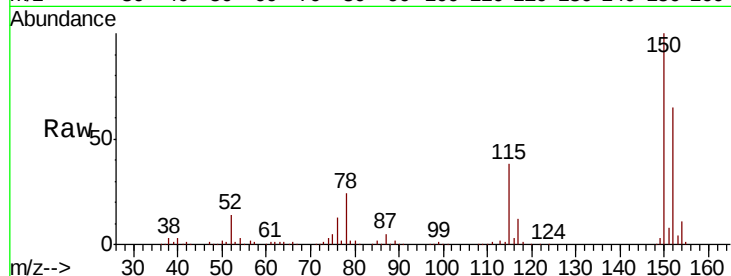


#1

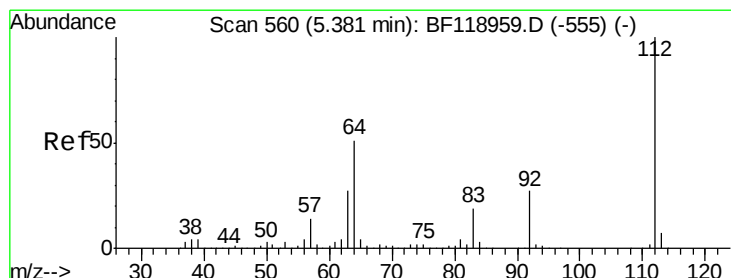
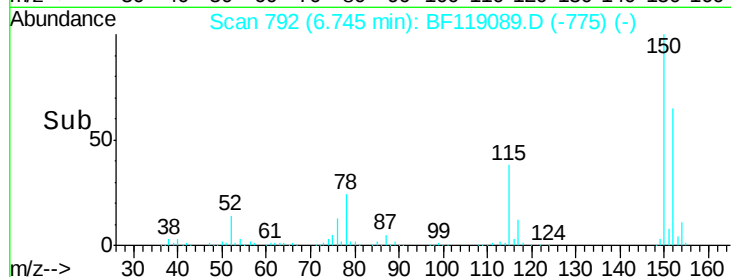
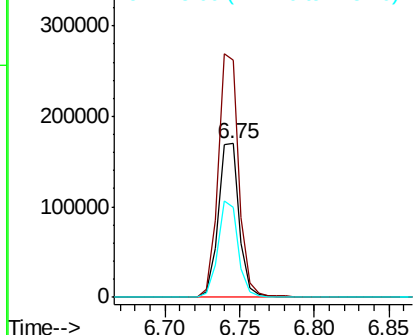
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119089.D
Acq: 26 Feb 2020 12:26

Instrument :
BNA_F
ClientSampleId :
0179-COMP-SL-C-ELUTRIATE

Tot Ion:152 Resp: 168530
Ion Ratio Lower Upper
152 100
150 153.8 123.0 184.6
115 58.8 49.5 74.3



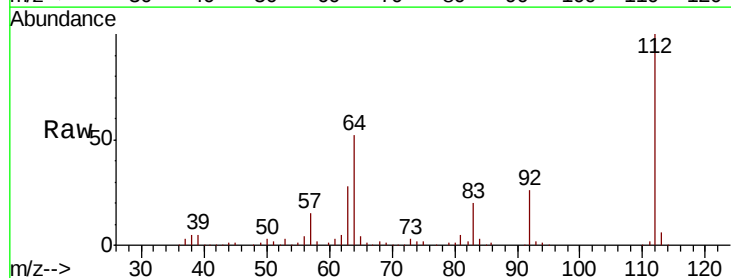
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



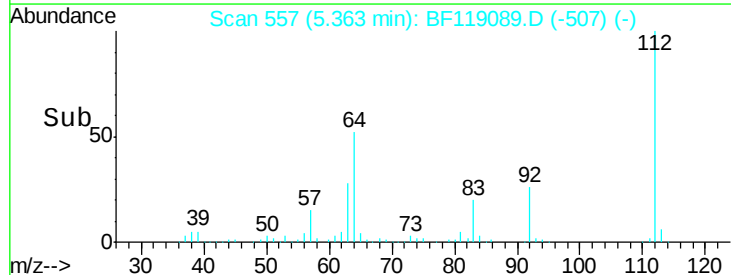
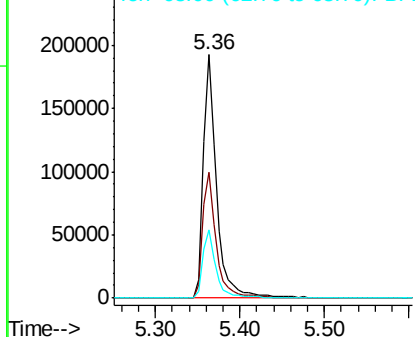
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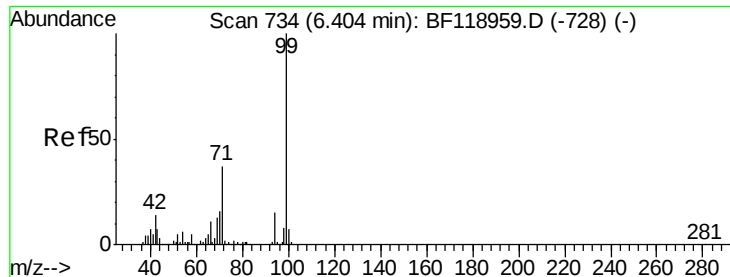
2-Fluorophenol
Concen: 20.840 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119089.D
Acq: 26 Feb 2020 12:26

Tgt Ion:112 Resp: 210158
Ion Ratio Lower Upper
112 100
64 51.9 45.0 67.4
63 28.0 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 17.719 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119089.D

Acq: 26 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

0179-COMP-SL-C-ELUTRIATE

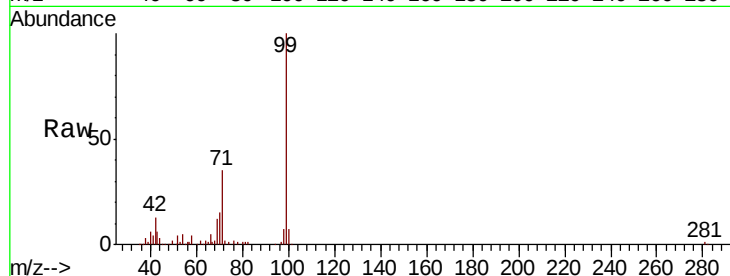
Tot Ion: 99 Resp: 217318

Ion Ratio Lower Upper

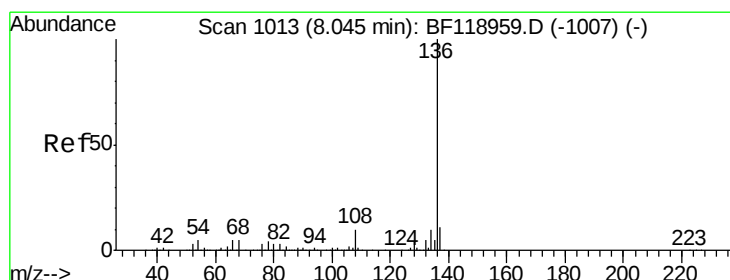
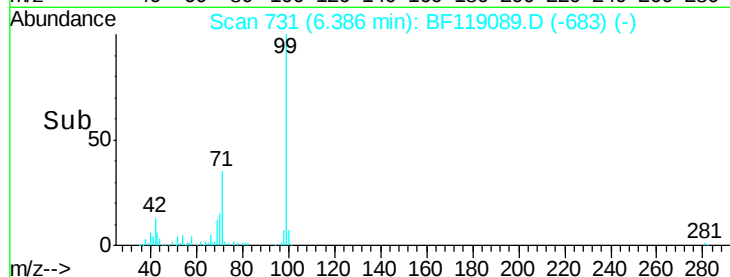
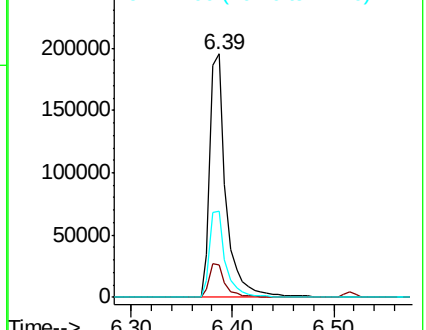
99 100

42 13.1 12.6 18.8

71 35.2 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119089.D

Acq: 26 Feb 2020 12:26

Tgt Ion: 136 Resp: 638597

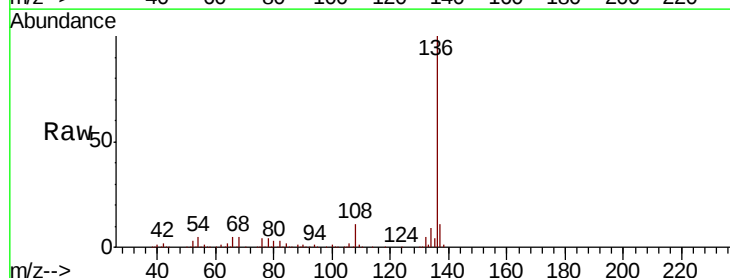
Ion Ratio Lower Upper

136 100

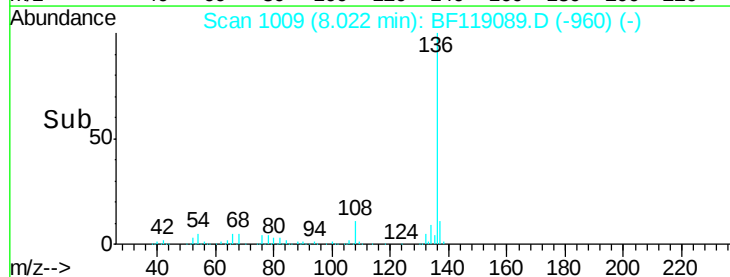
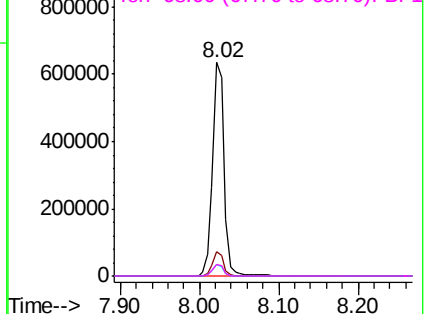
137 11.3 8.8 13.2

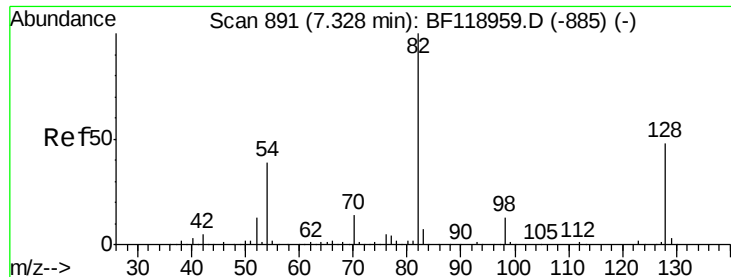
54 5.4 3.8 5.6

68 5.2 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

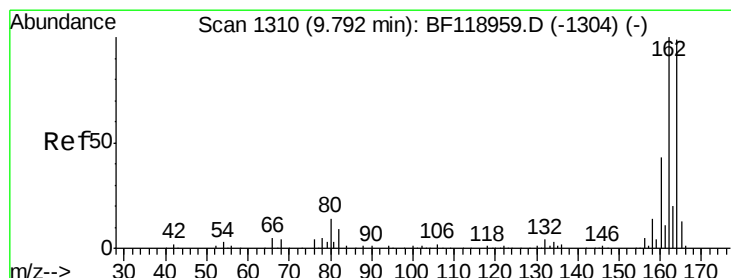
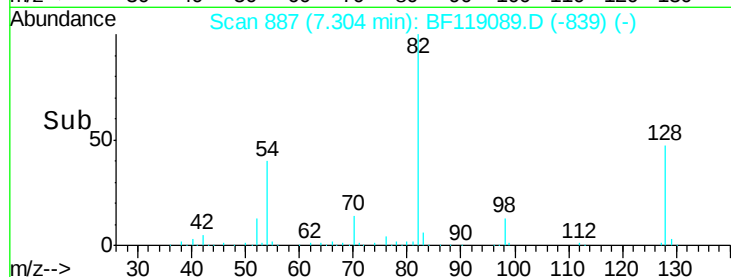
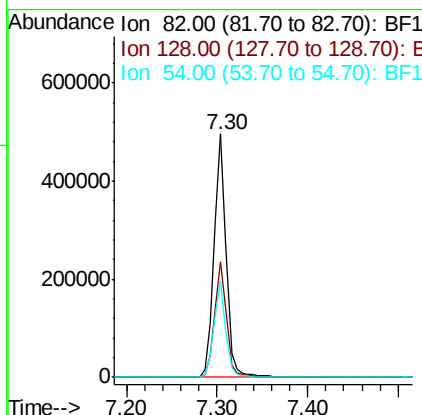
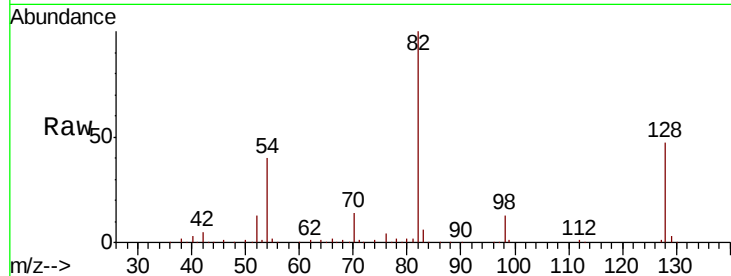




#23
 Nitrobenzene-d5
 Concen: 38.672 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF119089.D
 Acq: 26 Feb 2020 12:26

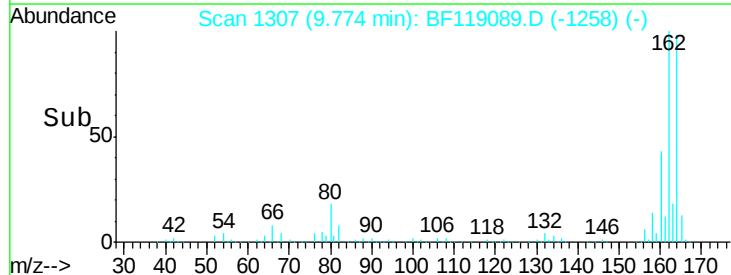
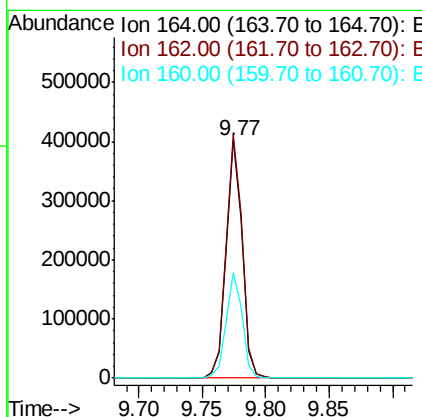
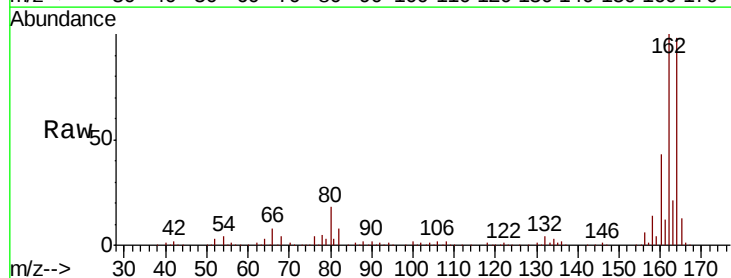
Instrument :
 BNA_F
 ClientSampleId :
 0179-COMP-SL-C-ELUTRIATE

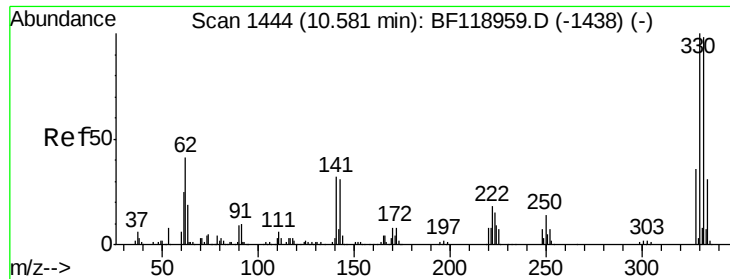
Tot Ion: 82 Resp: 467726
 Ion Ratio Lower Upper
 82 100
 128 47.3 37.9 56.9
 54 39.7 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119089.D
 Acq: 26 Feb 2020 12:26

Tgt Ion: 164 Resp: 350289
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.8 122.8
 160 44.0 36.0 54.0

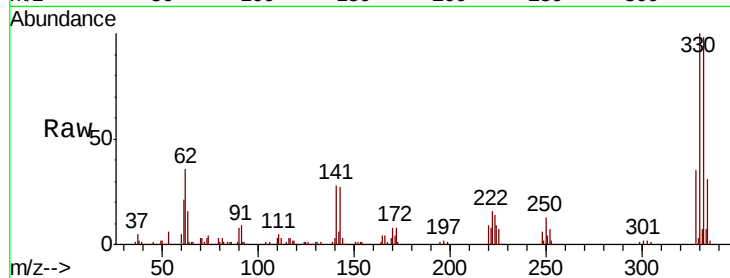




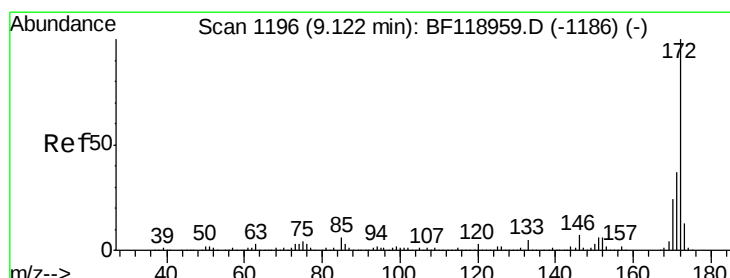
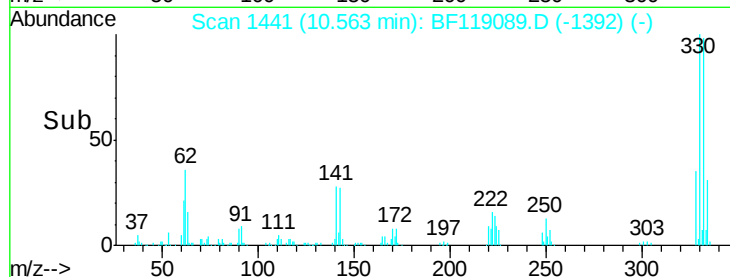
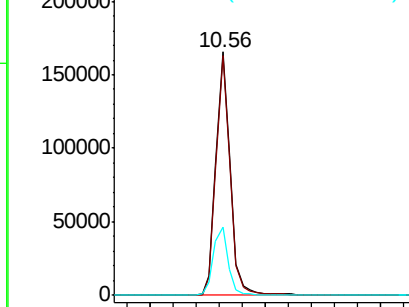
#42
 2,4,6-Tribromophenol
 Concen: 31.282 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119089.D
 Acq: 26 Feb 2020 12:26

Instrument :
 BNA_F
 ClientSampleId :
 0179-COMP-SL-C-ELUTRIATE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.0	114.0
141	29.3	22.9	34.3

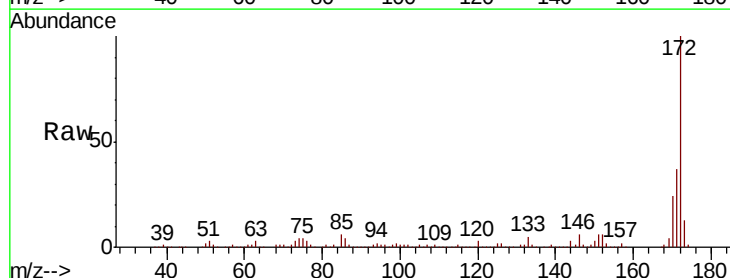


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

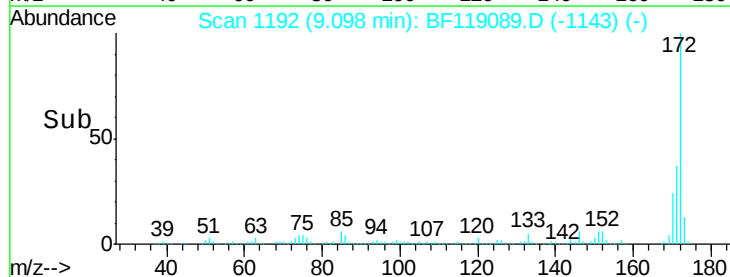
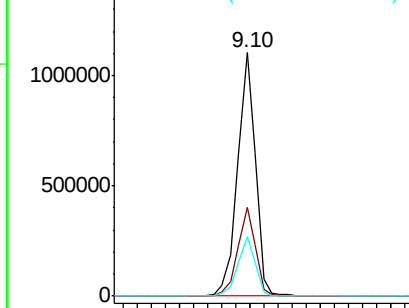


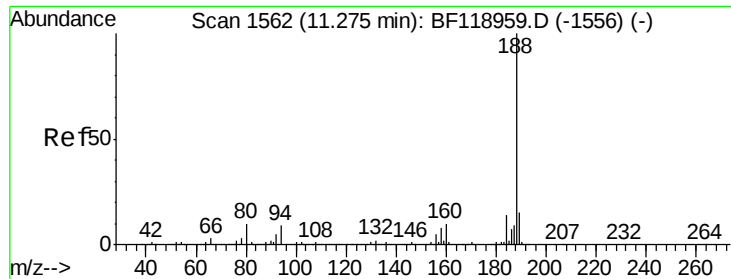
#45
 2-Fluorobiphenyl
 Concen: 41.012 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119089.D
 Acq: 26 Feb 2020 12:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.2	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

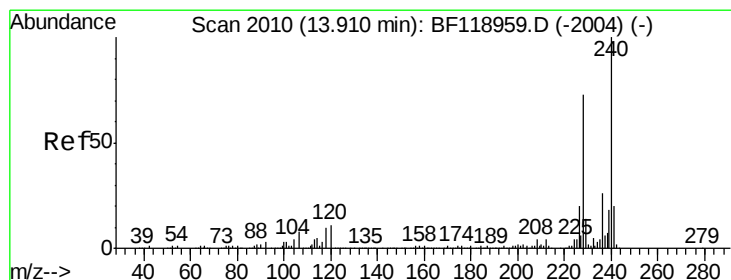
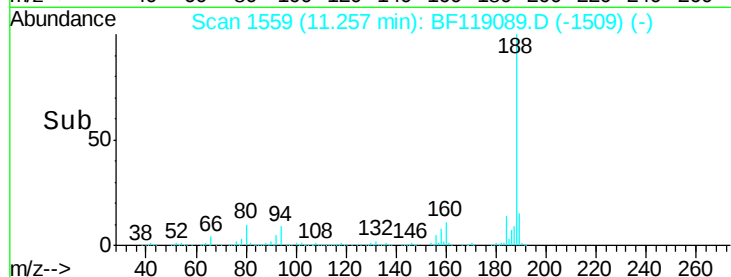
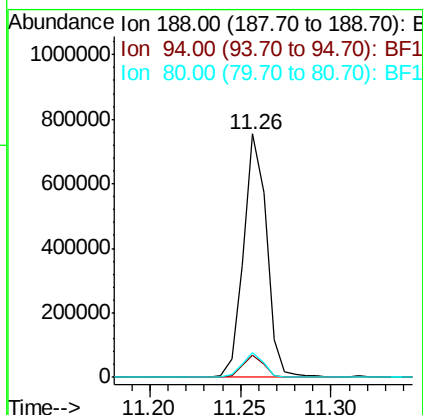
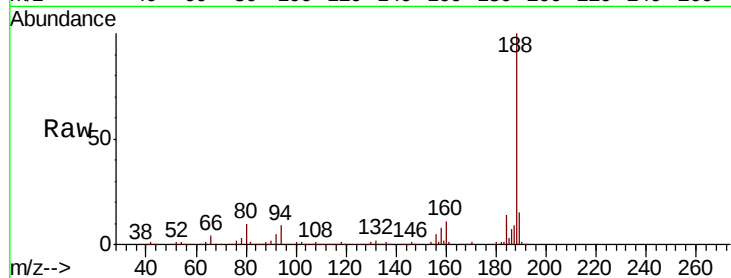




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119089.D
Acq: 26 Feb 2020 12:26

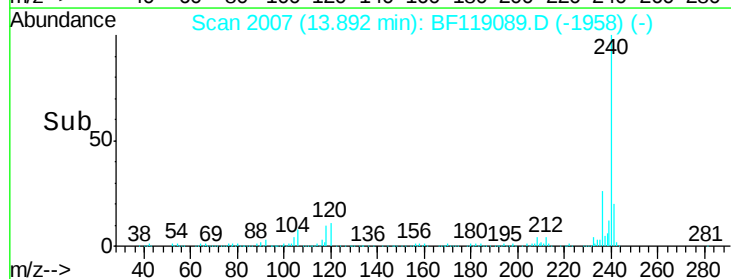
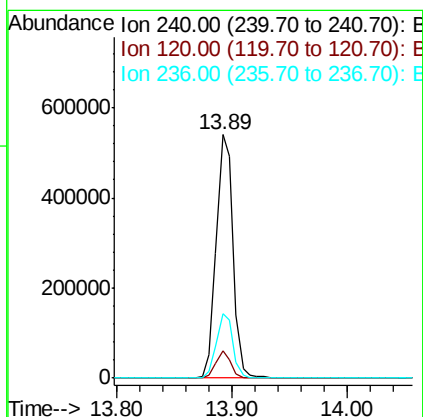
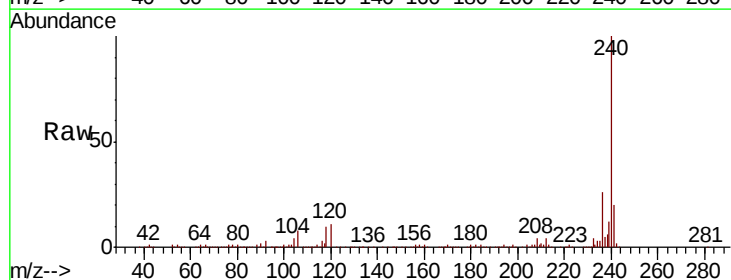
Instrument :
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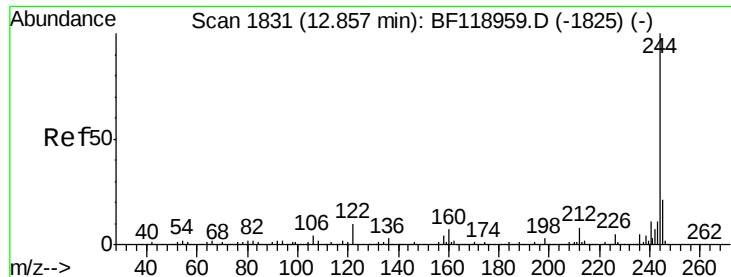
Tot Ion:188 Resp: 666273
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 10.1 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119089.D
Acq: 26 Feb 2020 12:26

Tgt Ion:240 Resp: 547372
Ion Ratio Lower Upper
240 100
120 11.1 8.4 12.6
236 26.4 21.0 31.4





#79

Terphenyl-d14

Concen: 39.405 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119089.D

Acq: 26 Feb 2020 12:26

Instrument :

BNA_F

ClientSampleId :

0179-COMP-SL-C-ELUTRIATE

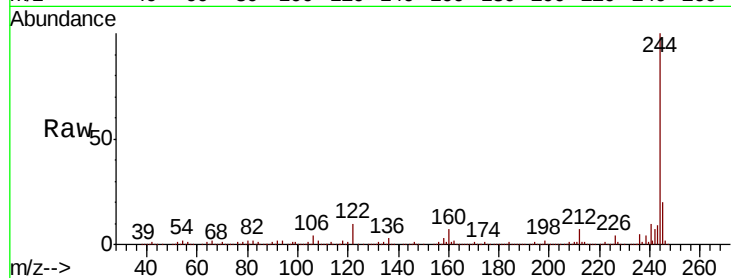
Tot Ion:244 Resp: 1252798

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

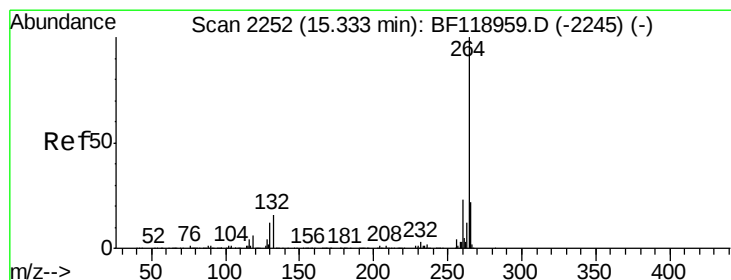
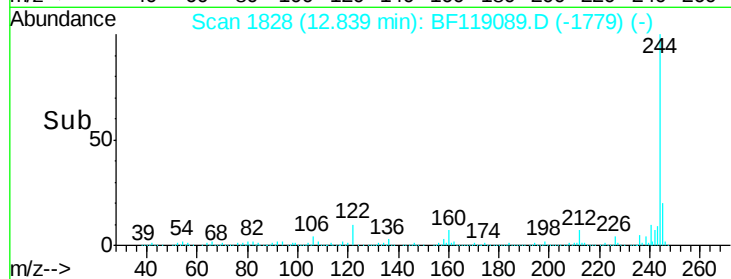
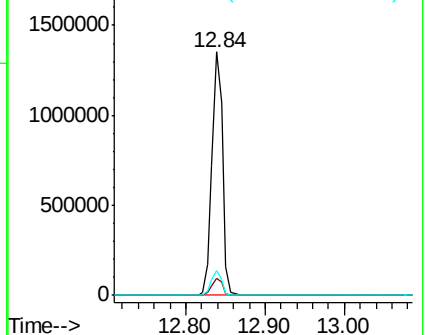
122 10.4 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF119089.D

Acq: 26 Feb 2020 12:26

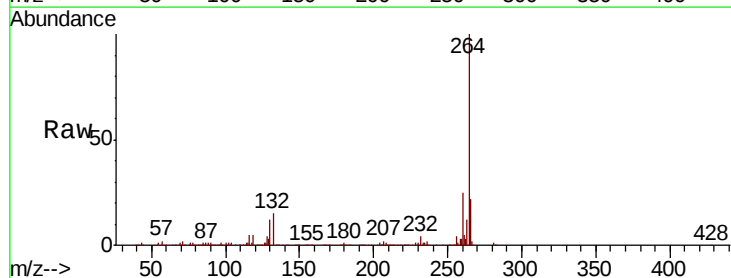
Tgt Ion:264 Resp: 420394

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

