

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119474.D
 Acq On : 20 Mar 2020 16:13
 Operator : CG/JU
 Sample : PB127713TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127713TB

Quant Time: Mar 20 23:34:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	293878	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1125161	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	590131	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1096863	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	652600	20.00	ng	-0.01
87) Perylene-d12	15.50	264	638619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1960564	106.20	ng	0.01
7) Phenol-d6	6.47	99	2446599	103.75	ng	0.00
23) Nitrobenzene-d5	7.41	82	1538675	74.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	633652	104.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2781278	69.82	ng	0.00
79) Terphenyl-d14	12.97	244	3044387	91.40	ng	0.00

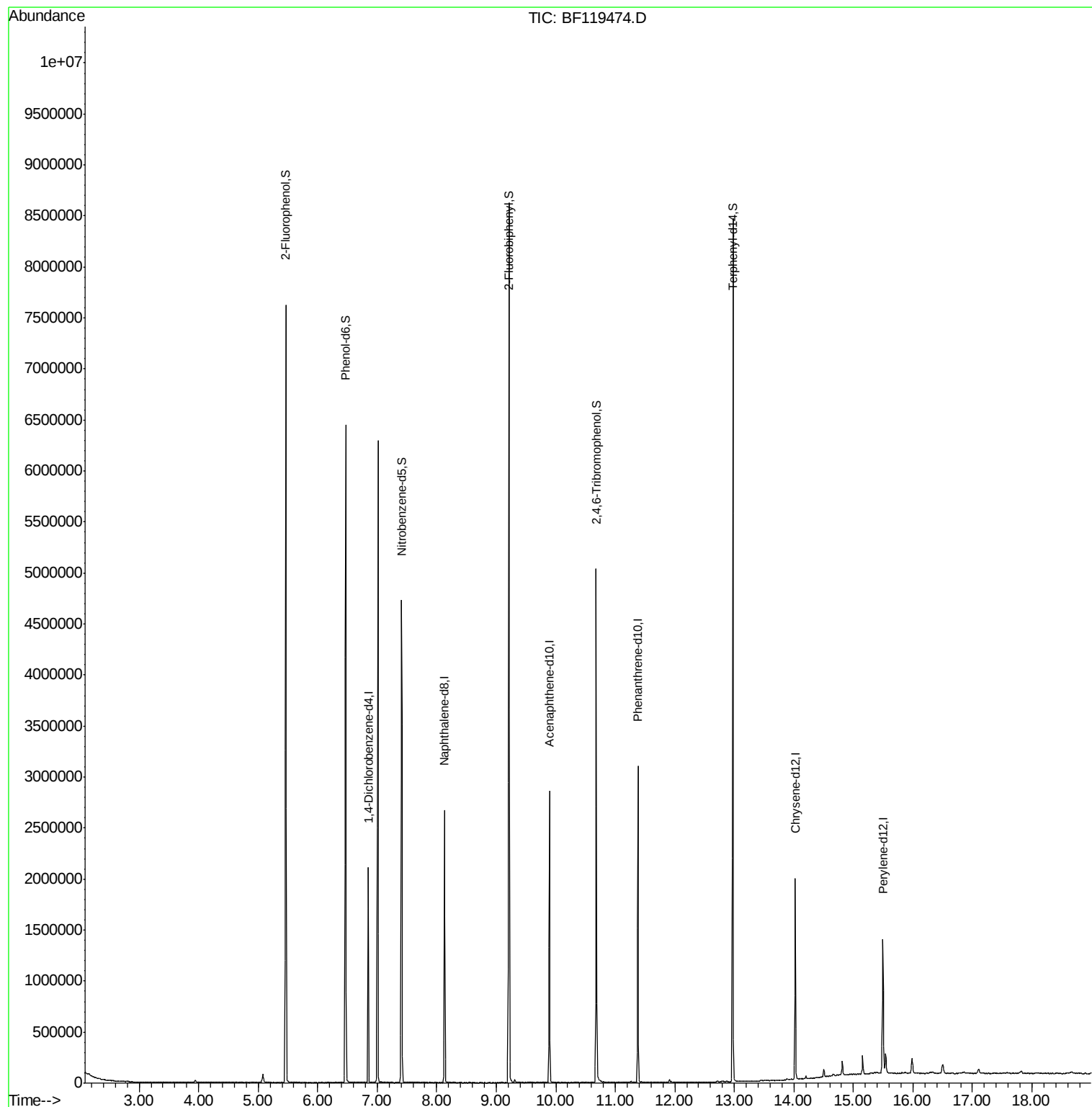
Target Compounds Qvalue

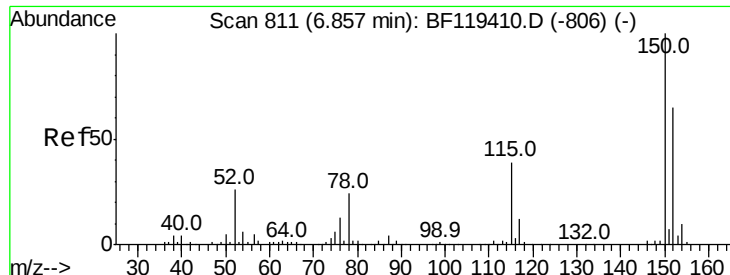
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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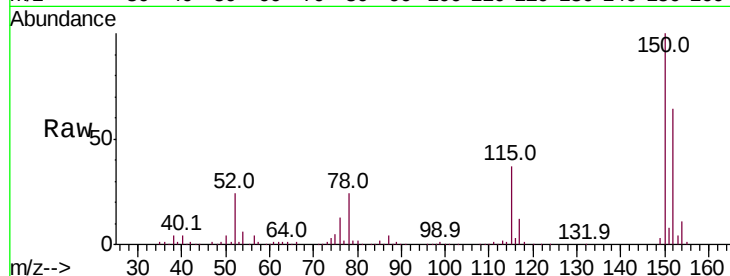


#1

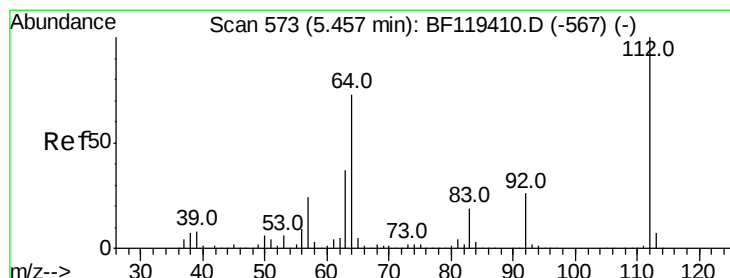
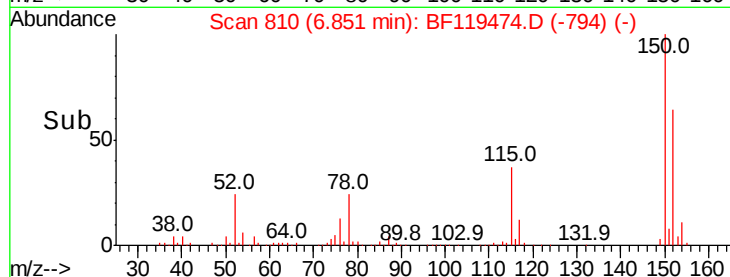
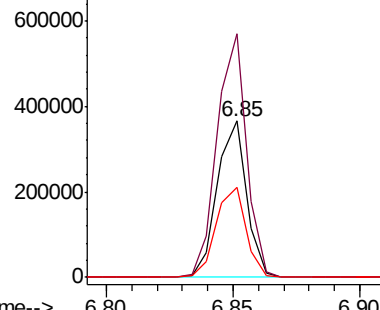
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

Instrument :
BNA_F
ClientSampleId :
PB127713TB

Tot Ion:152 Resp: 293878
Ion Ratio Lower Upper
152 100
150 156.1 123.9 185.9
115 57.4 47.8 71.6



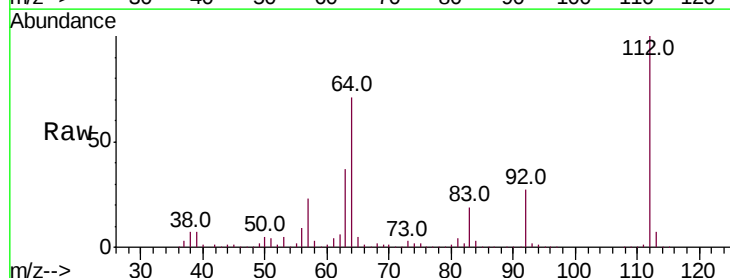
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



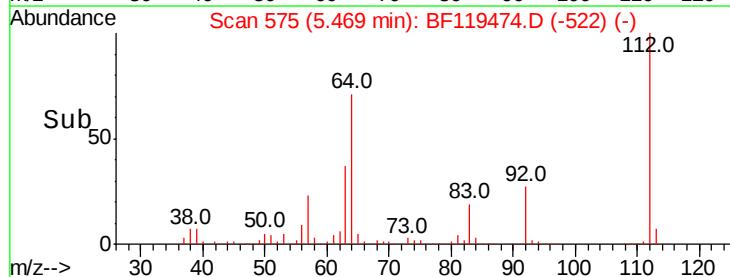
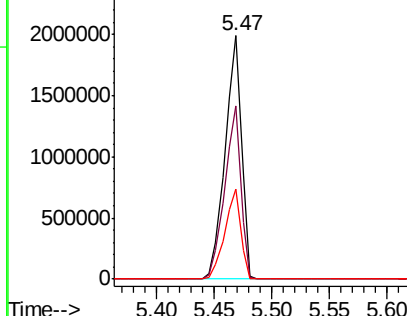
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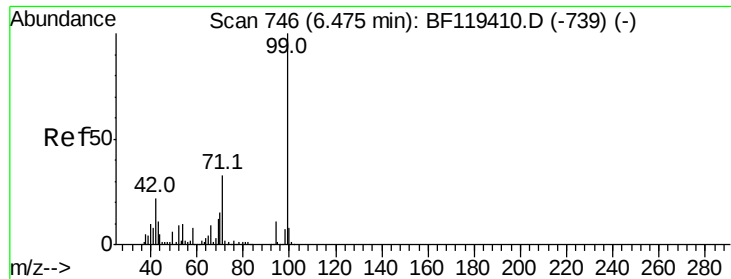
2-Fluorophenol
Concen: 106.202 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

Tgt Ion:112 Resp: 1960564
Ion Ratio Lower Upper
112 100
64 71.3 58.1 87.1
63 36.8 29.7 44.5



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: 103.747 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

Instrument :

BNA_F

ClientSampled :

PB127713TB

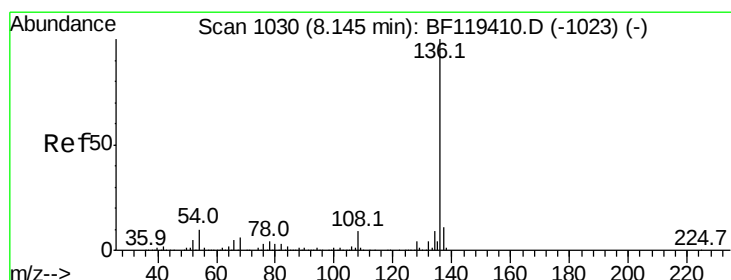
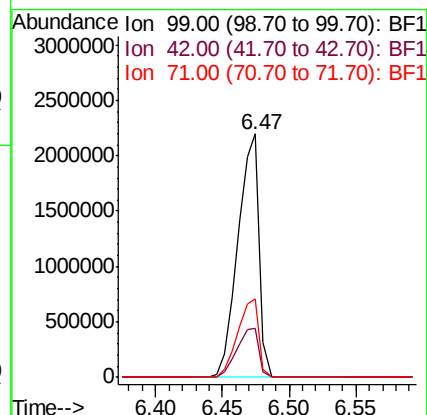
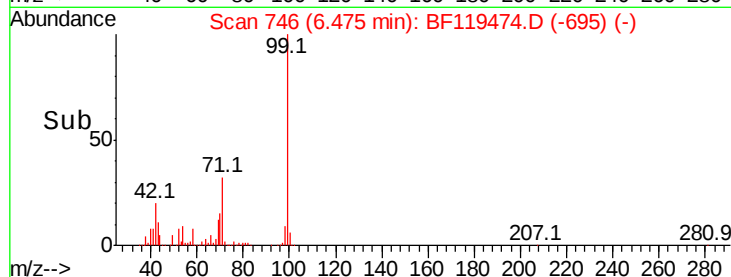
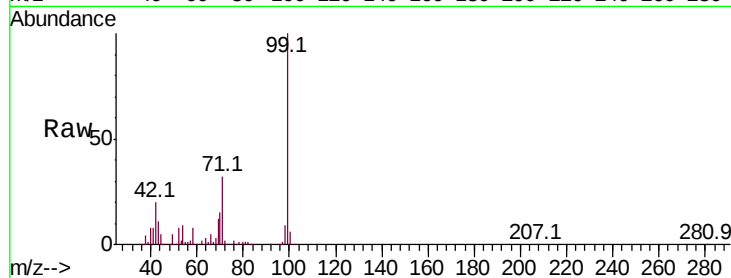
Tot Ion: 99 Resp: 2446599

Ion Ratio Lower Upper

99 100

42 20.3 17.8 26.6

71 32.4 26.0 39.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119474.D

Acq: 20 Mar 2020 16:13

Tgt Ion:136 Resp: 1125161

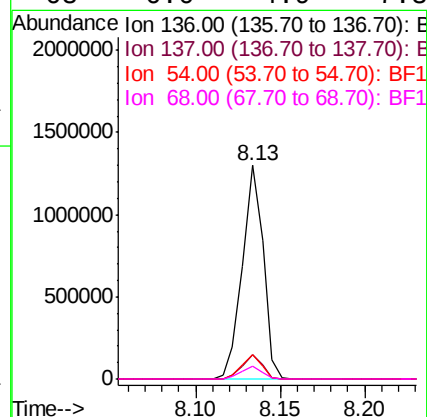
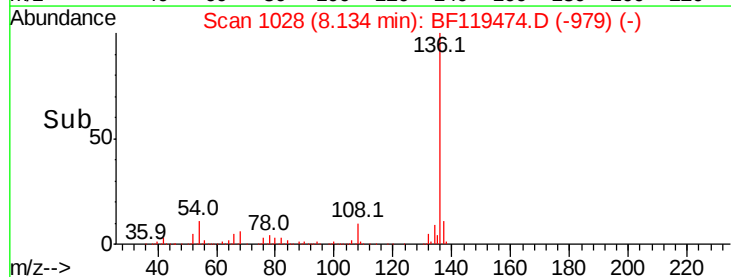
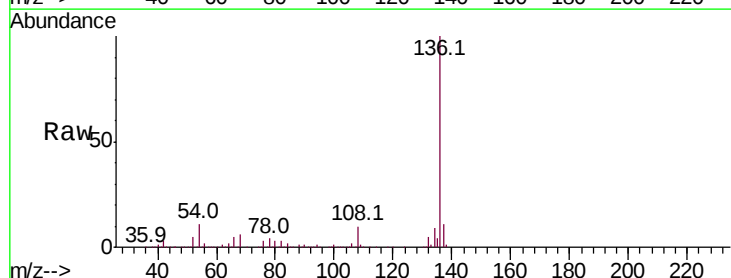
Ion Ratio Lower Upper

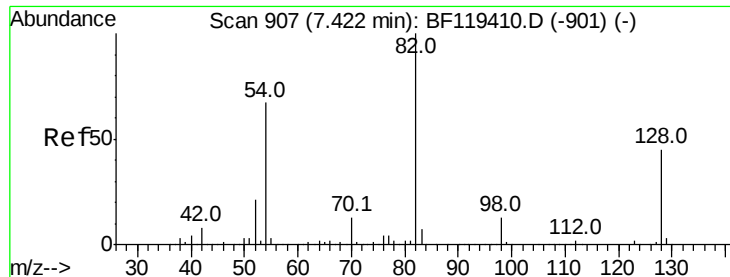
136 100

137 11.3 8.4 12.6

54 11.2 8.3 12.5

68 6.0 4.9 7.3

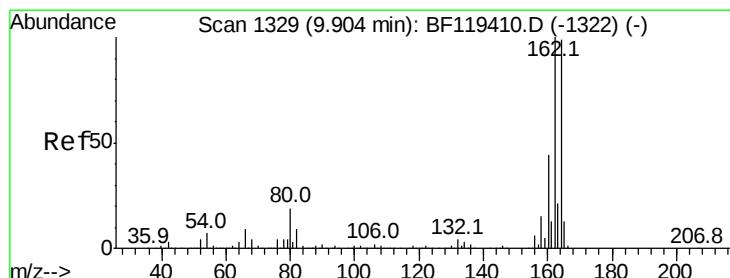
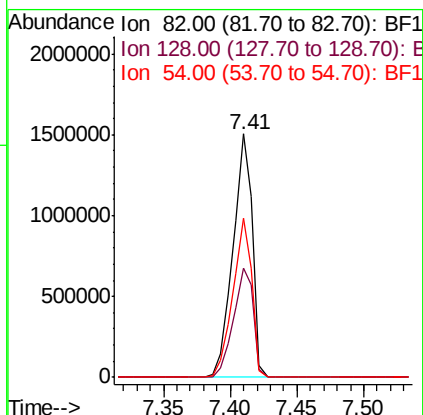
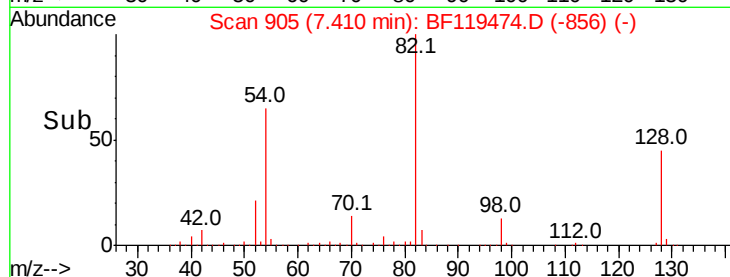
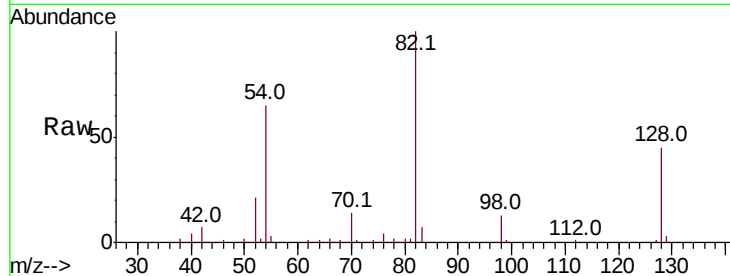




#23
Nitrobenzene-d5
Concen: 74.322 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

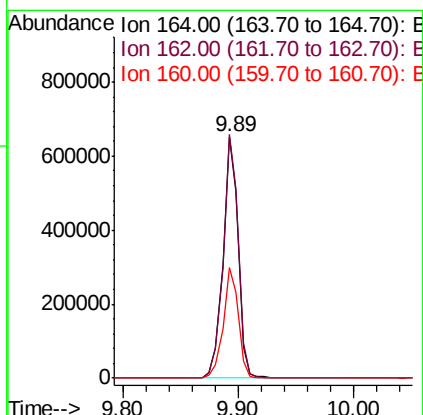
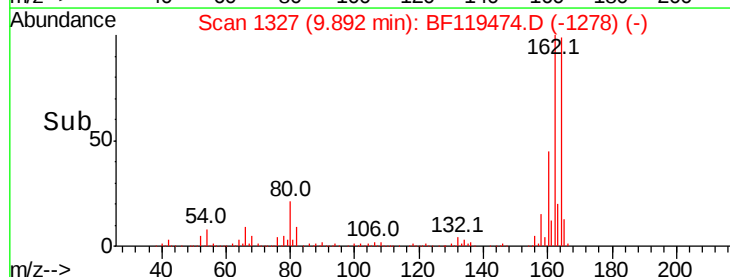
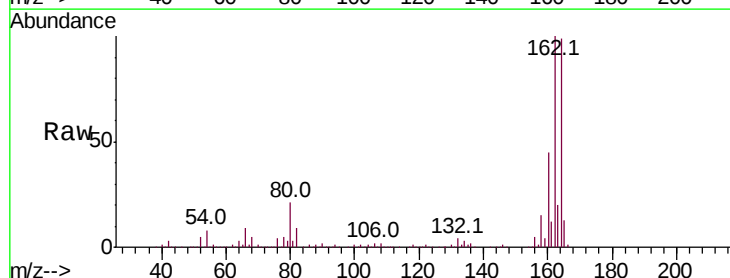
Instrument :
BNA_F
ClientSampleId :
PB127713TB

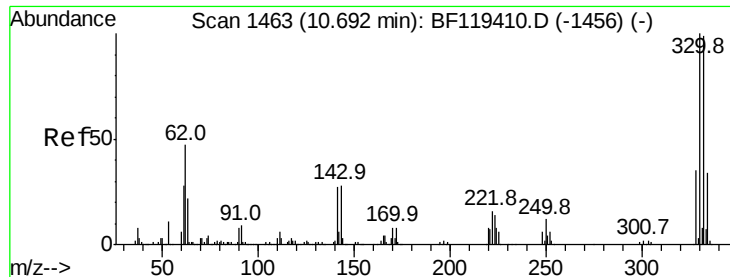
Tot Ion: 82 Resp: 1538675
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.8
54 65.4 53.4 80.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

Tgt Ion:164 Resp: 590131
Ion Ratio Lower Upper
164 100
162 100.9 80.7 121.1
160 45.8 35.5 53.3

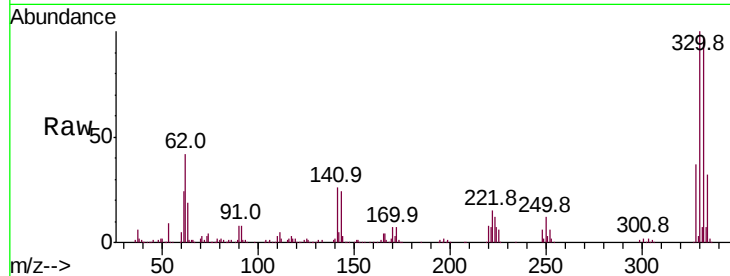




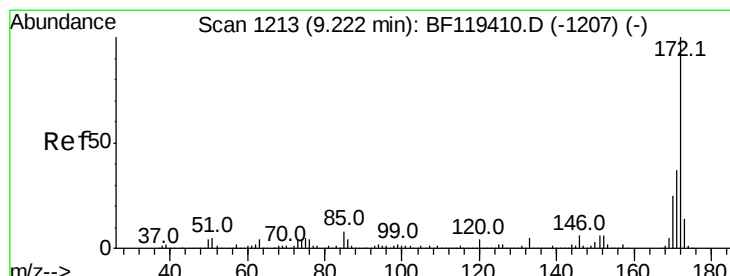
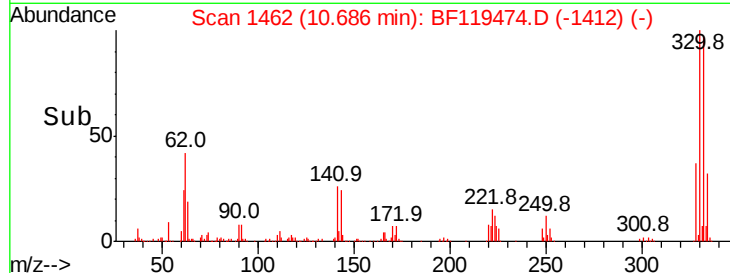
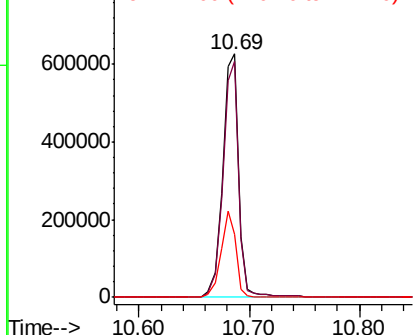
#42
 2,4,6-Tribromophenol
 Concen: 104.079 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713TB

Tot Ion:330 Resp: 633652
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.6 116.4
 141 33.2 26.6 40.0

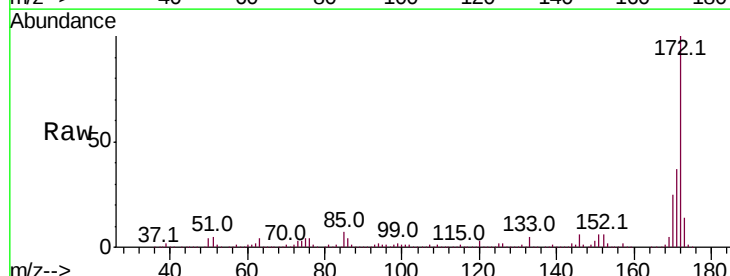


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

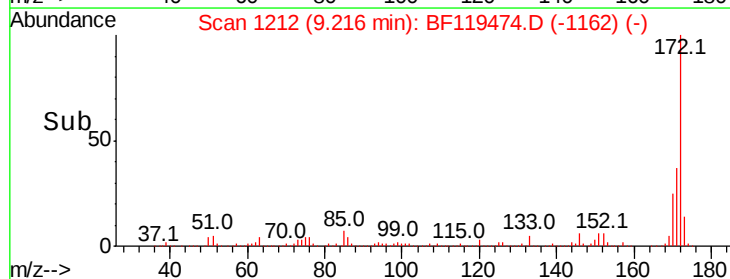
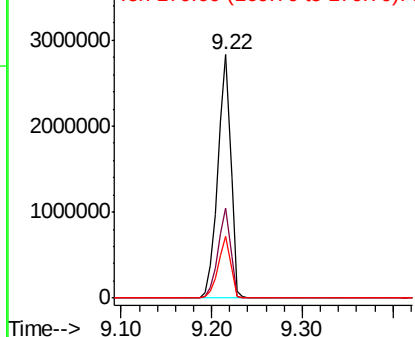


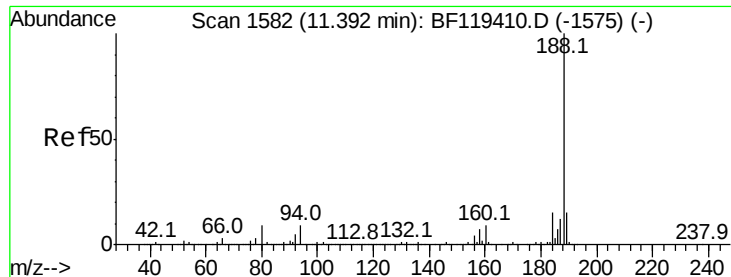
#45
 2-Fluorobiphenyl
 Concen: 69.822 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Tgt Ion:172 Resp: 2781278
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.9 44.9
 170 25.4 20.1 30.1



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

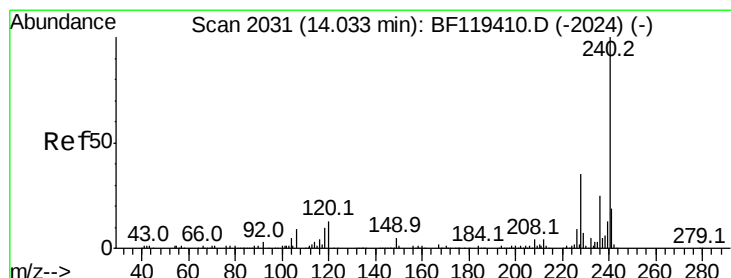
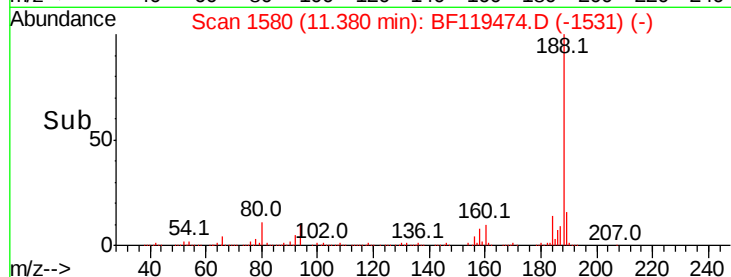
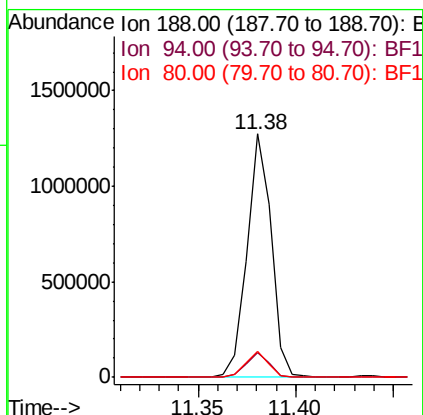
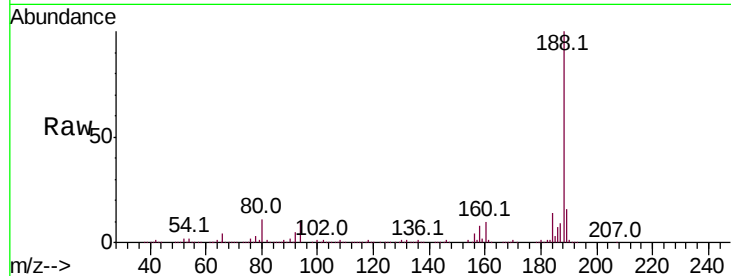




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

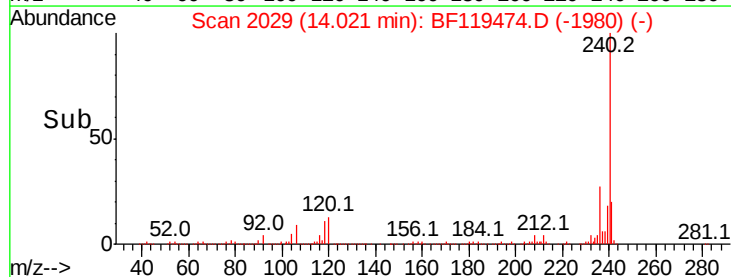
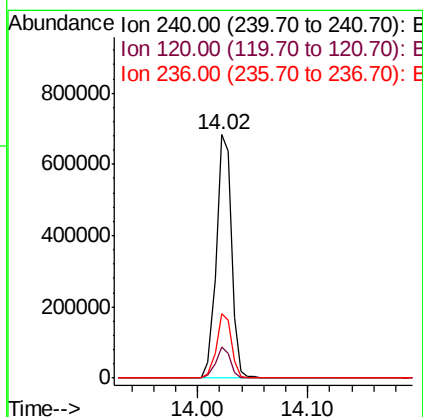
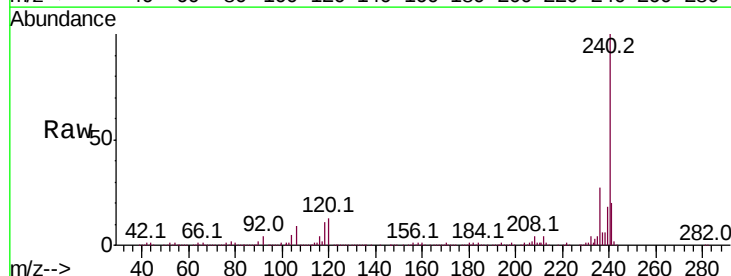
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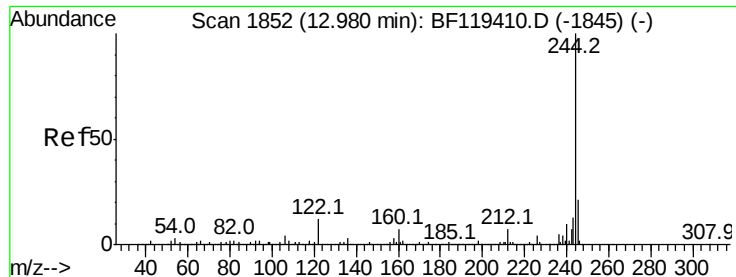
Tot Ion:188 Resp: 1096863
Ion Ratio Lower Upper
188 100
94 10.3 7.1 10.7
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119474.D
Acq: 20 Mar 2020 16:13

Tgt Ion:240 Resp: 652600
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 26.6 20.4 30.6



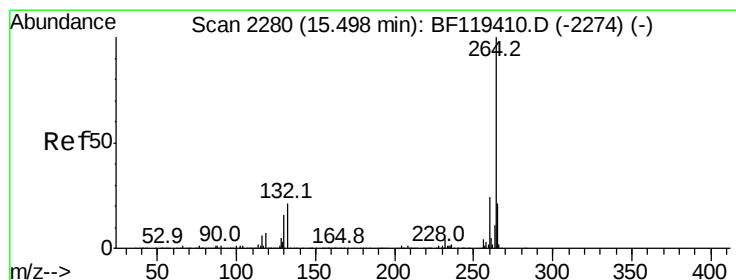
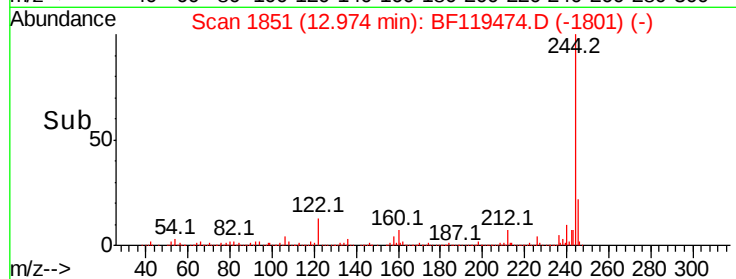
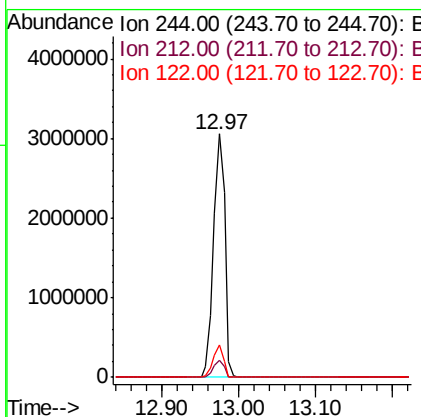
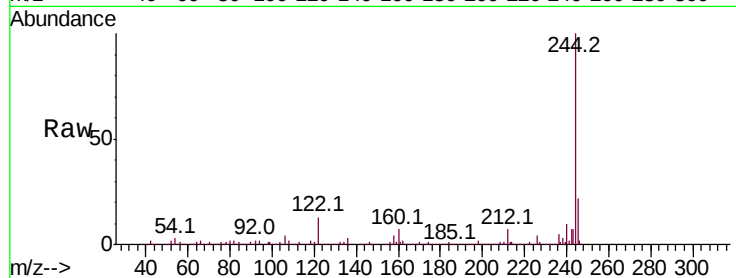


#79
 Terphenyl-d14
 Concen: 91.398 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB127713TB

Tot Ion:244 Resp: 3044387

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	13.3	9.8	14.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF119474.D
 Acq: 20 Mar 2020 16:13

Tgt Ion:264 Resp: 638619

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.1	16.9	25.3

