

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121535.D
 Acq On : 8 Sep 2020 22:03
 Operator : JU/CG
 Sample : L3915-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-B2-0-3.5-C

Quant Time: Sep 09 07:15:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	304337	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1142315	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	597078	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1136551	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	931772	20.00	ng	-0.02
86) Perylene-d12	15.45	264	786383	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1874229	103.32	ng	0.00
7) Phenol-d6	6.47	99	2139558	84.40	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1695418	101.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	865843	143.57	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2952996	79.80	ng	-0.01
79) Terphenyl-d14	12.95	244	3265786	73.78	ng	0.00

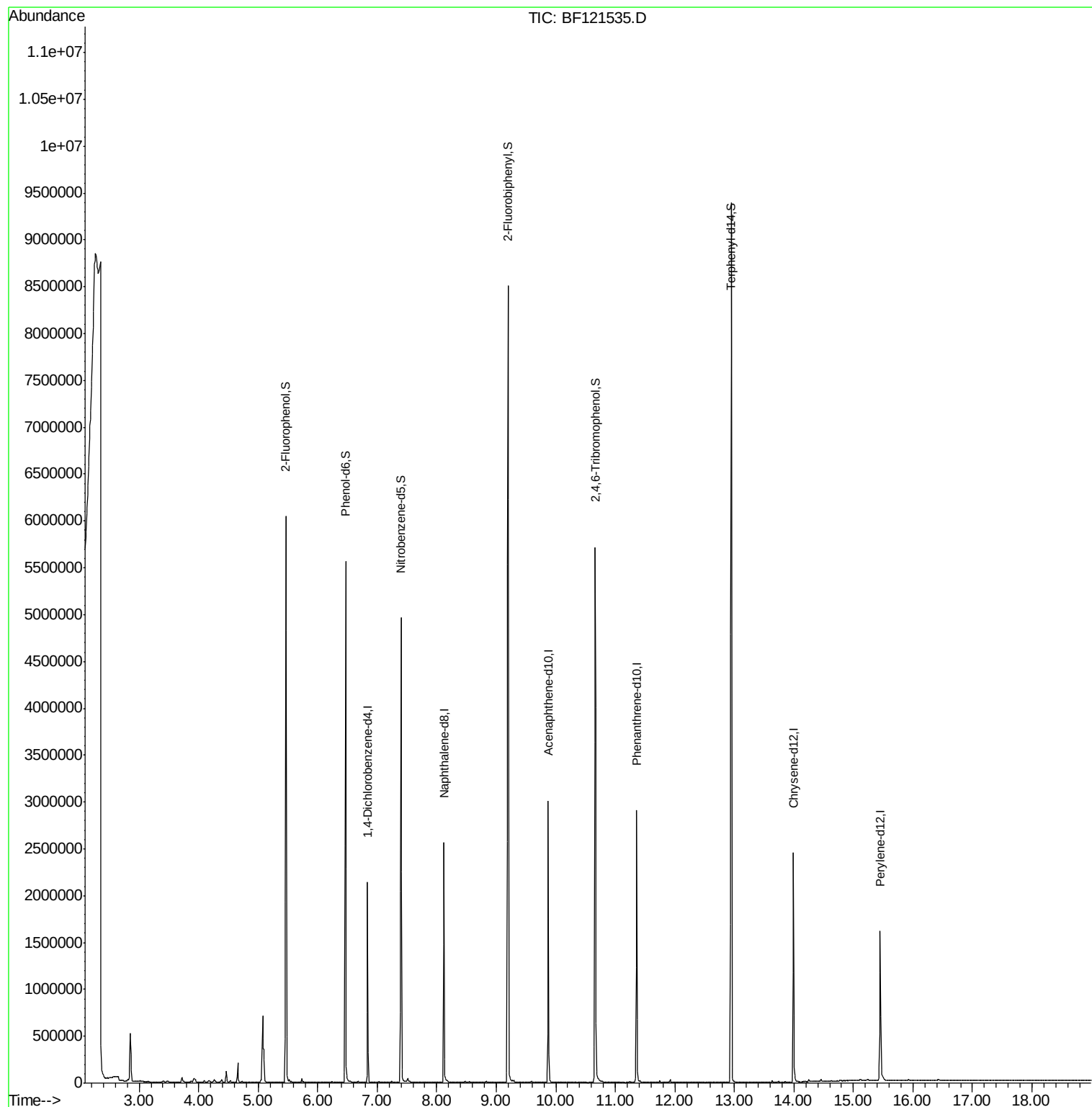
Target Compounds Qvalue

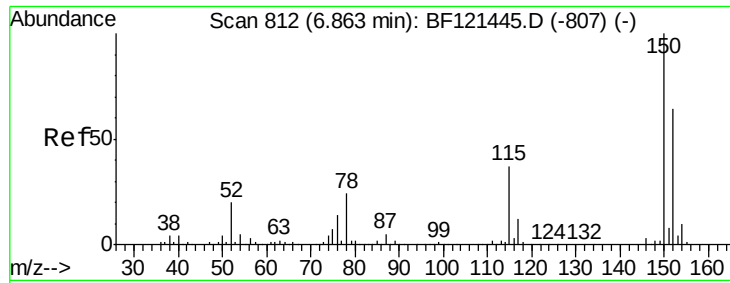
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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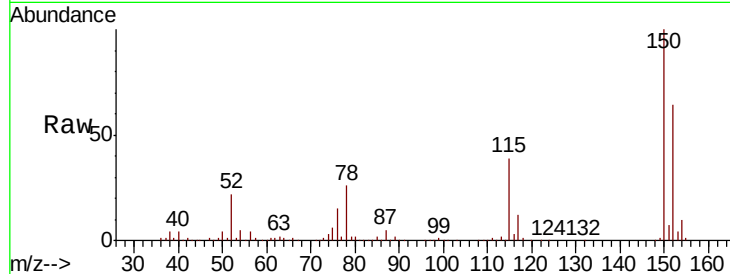


#1

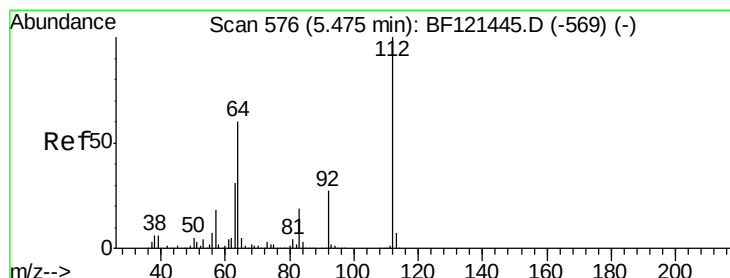
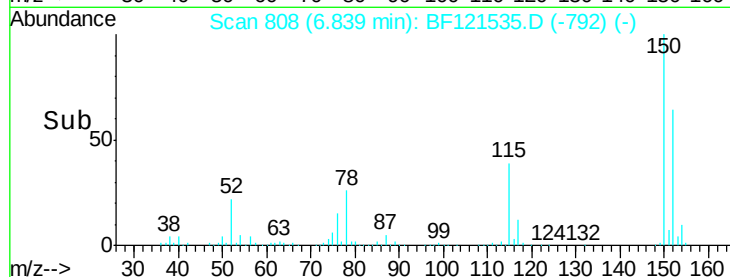
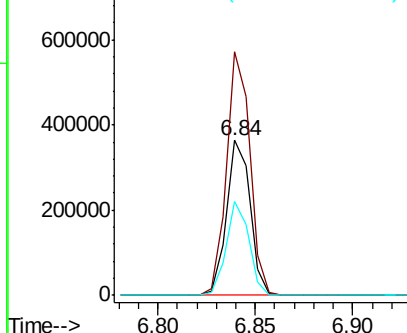
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121535.D
Acq: 8 Sep 2020 22:03

Instrument :
BNA_F
ClientSampleId :
WC-PM-B2-0-3.5-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.1	189.1
115	61.0	48.4	72.6



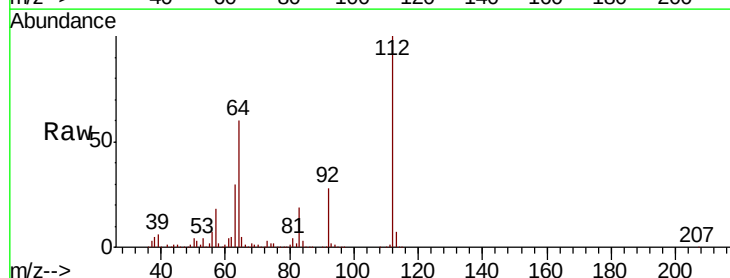
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



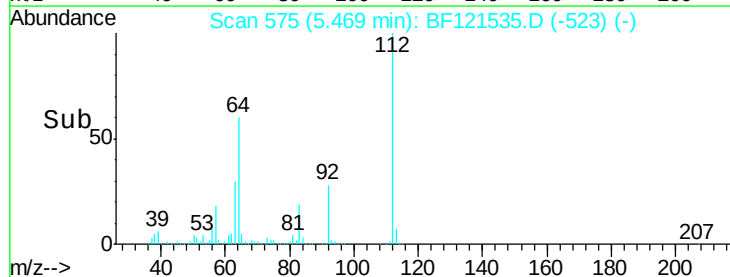
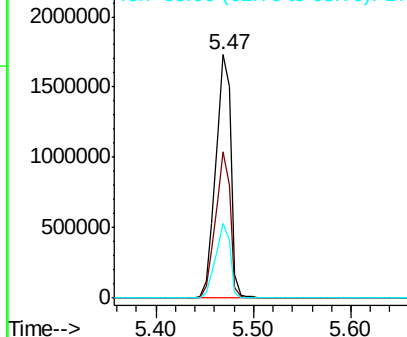
#5

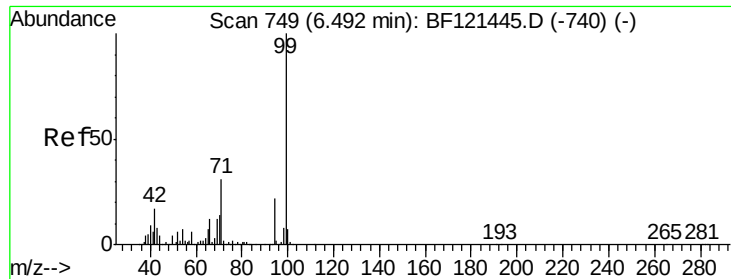
2-Fluorophenol
Concen: 103.322 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121535.D
Acq: 8 Sep 2020 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.0	69.0
63	30.4	23.4	35.2



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: 84.402 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121535.D

Acq: 8 Sep 2020 22:03

Instrument :

BNA_F

ClientSampleId :

WC-PM-B2-0-3.5-C

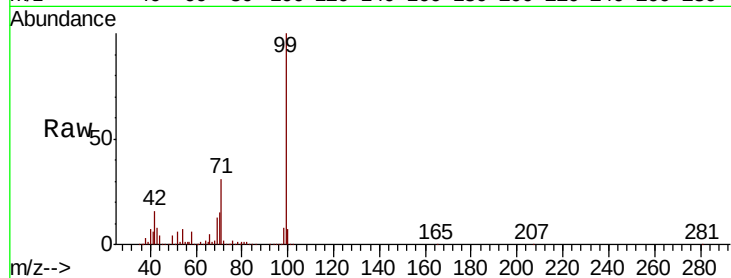
Tot Ion: 99 Resp: 2139558

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

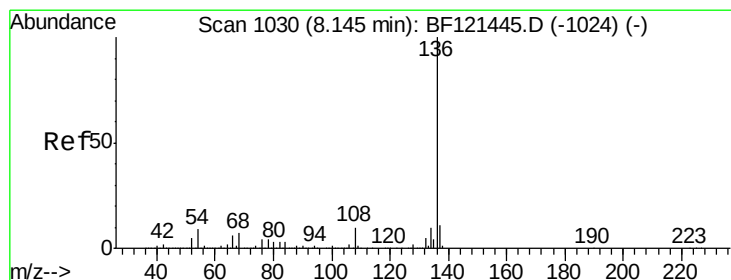
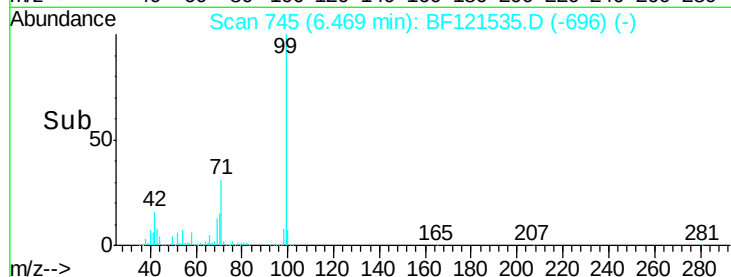
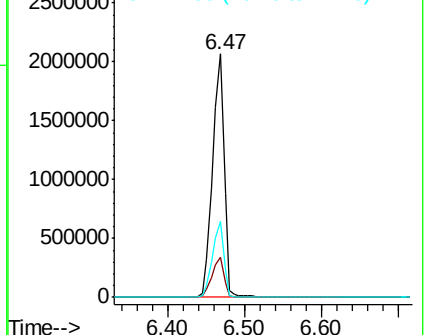
71 31.3 24.8 37.2



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121535.D

Acq: 8 Sep 2020 22:03

Tgt Ion: 136 Resp: 1142315

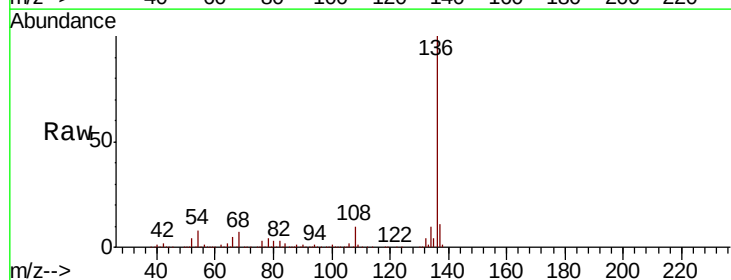
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.0 6.2 9.4

68 6.8 5.1 7.7

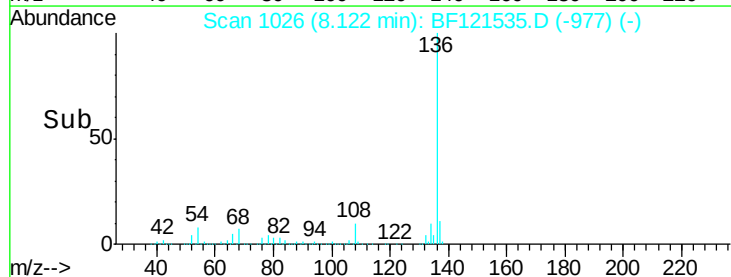
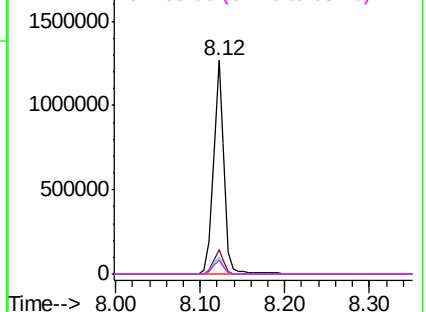


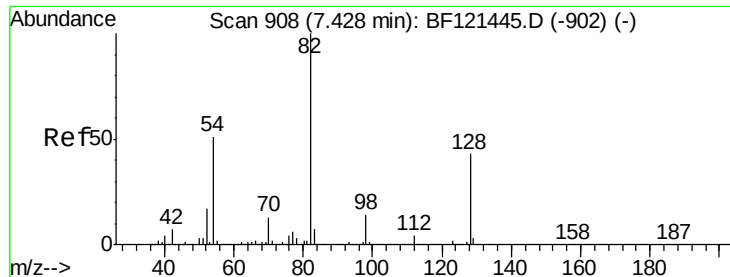
Abundance Ion 136.00 (135.70 to 136.70): E

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

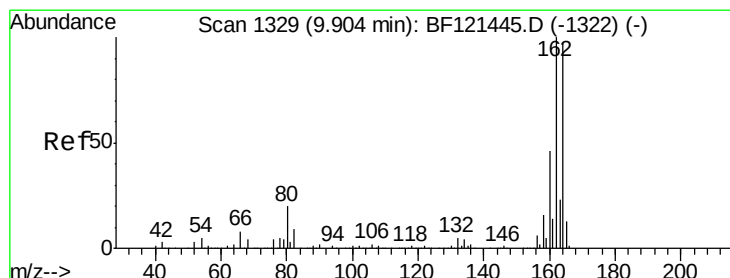
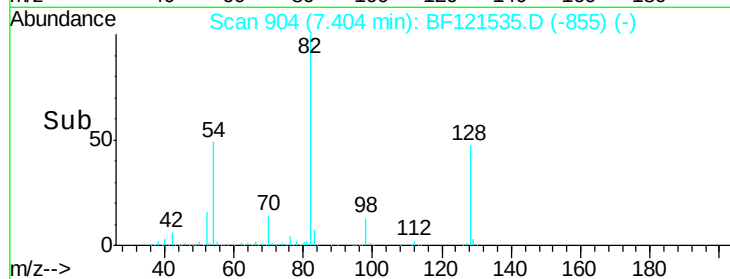
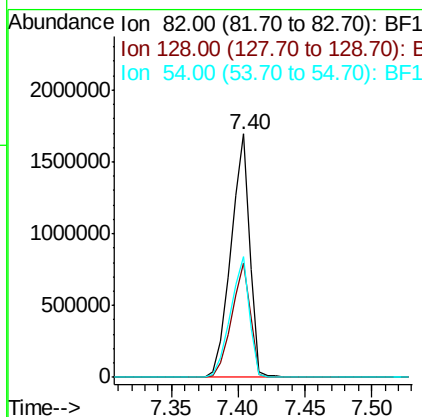
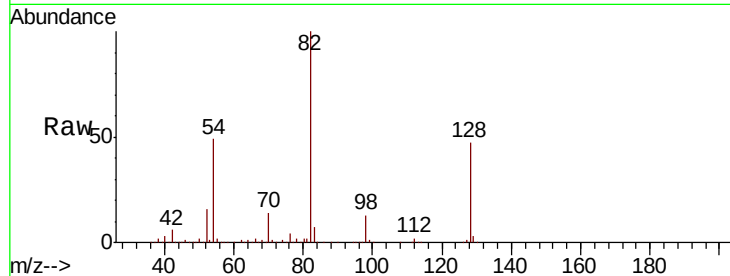




#23
Nitrobenzene-d5
Concen: 101.468 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121535.D
Acq: 8 Sep 2020 22:03

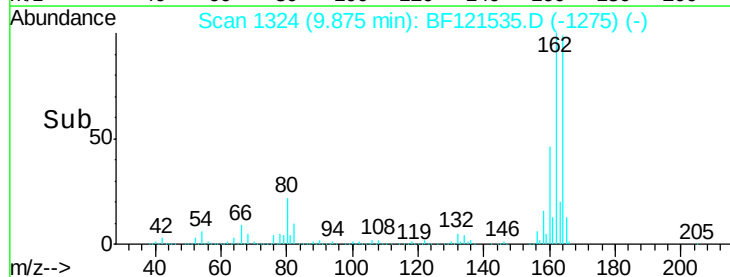
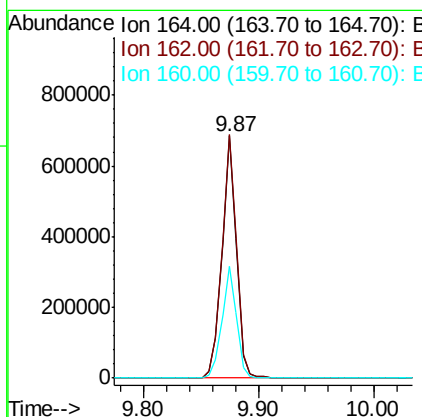
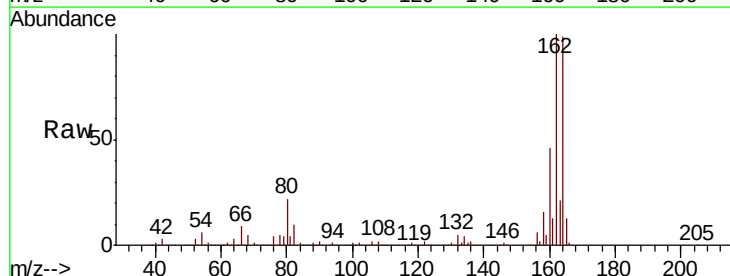
Instrument :
BNA_F
ClientSampleId :
WC-PM-B2-0-3.5-C

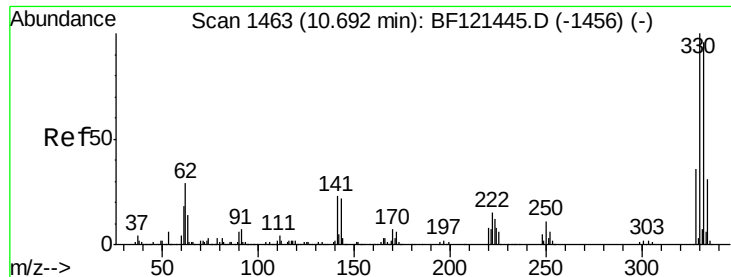
Tot Ion: 82 Resp: 1695418
Ion Ratio Lower Upper
82 100
128 46.9 37.3 55.9
54 49.4 39.0 58.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121535.D
Acq: 8 Sep 2020 22:03

Tgt Ion:164 Resp: 597078
Ion Ratio Lower Upper
164 100
162 100.7 80.5 120.7
160 46.3 36.2 54.4

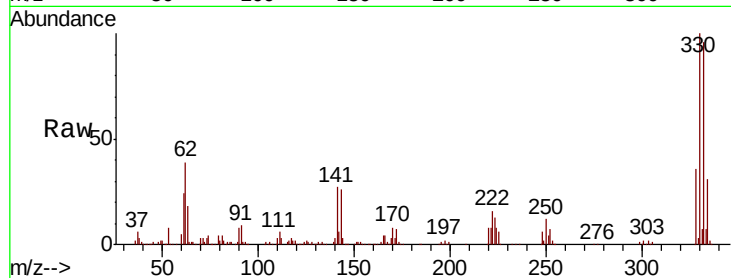




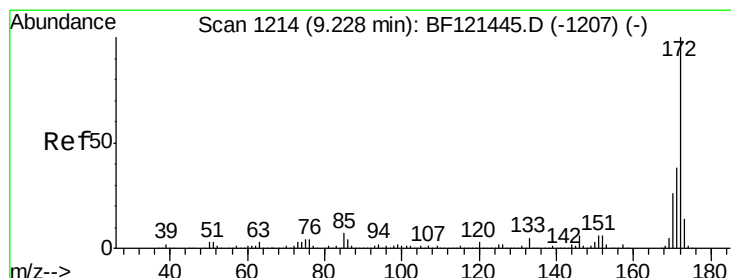
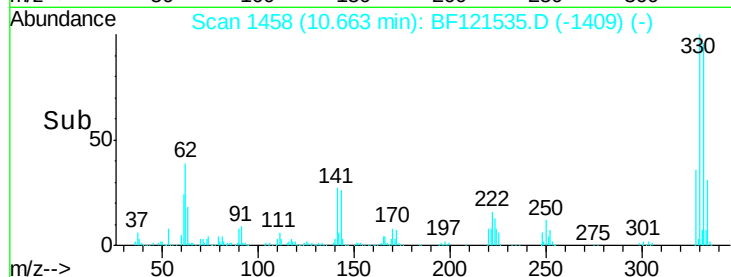
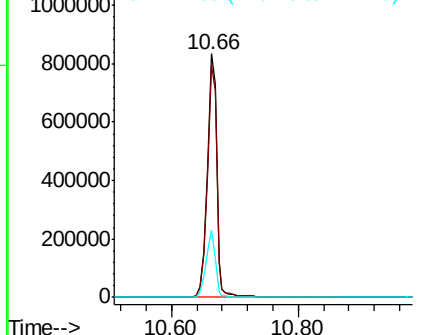
#42
 2,4,6-Tribromophenol
 Concen: 143.570 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121535.D
 Acq: 8 Sep 2020 22:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-PM-B2-0-3.5-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.2	114.2
141	27.2	22.6	34.0

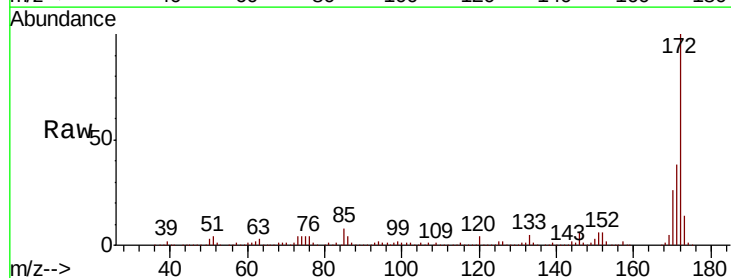


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

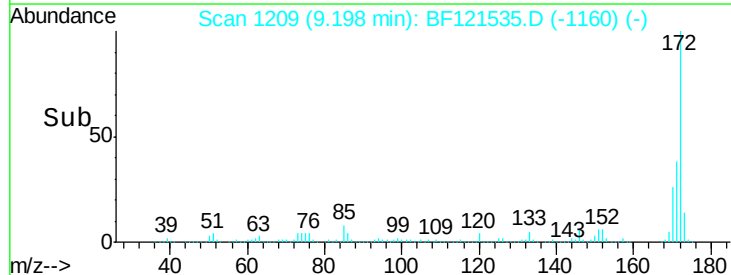
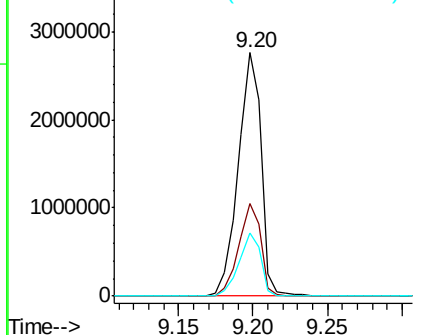


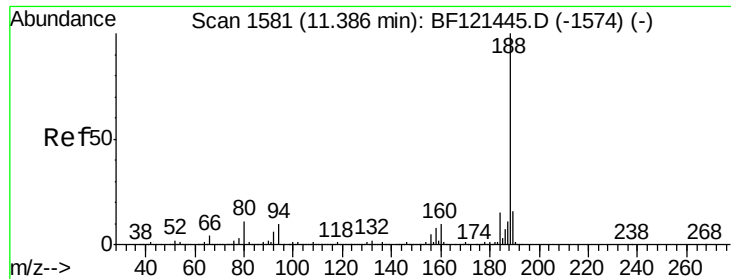
#45
 2-Fluorobiphenyl
 Concen: 79.801 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121535.D
 Acq: 8 Sep 2020 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.4	45.6
170	25.8	20.7	31.1



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

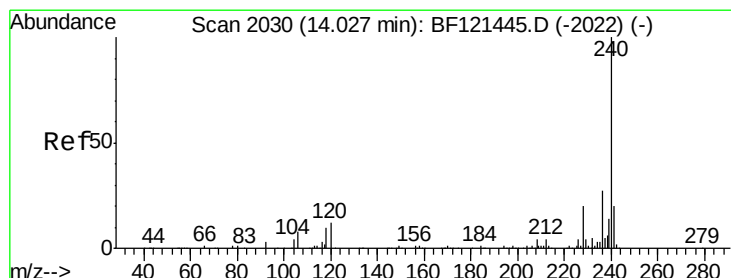
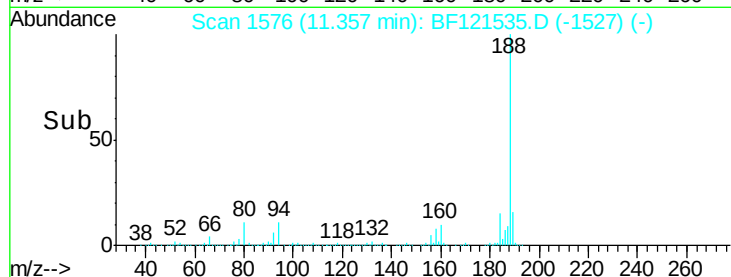
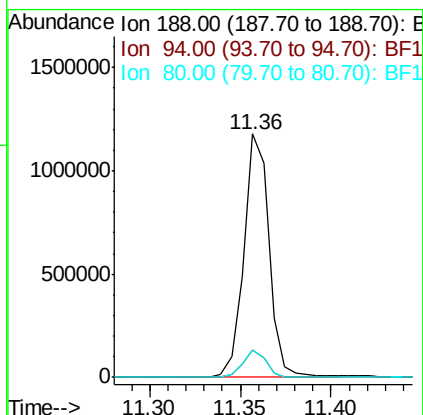
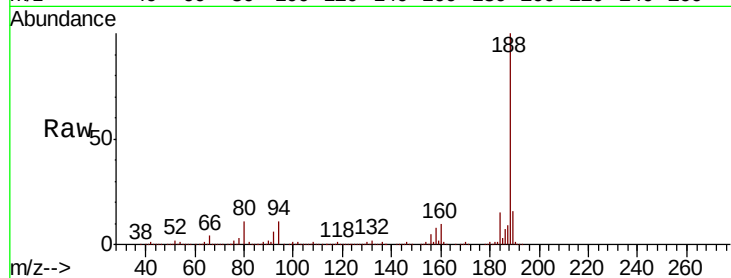




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121535.D
Acq: 8 Sep 2020 22:03

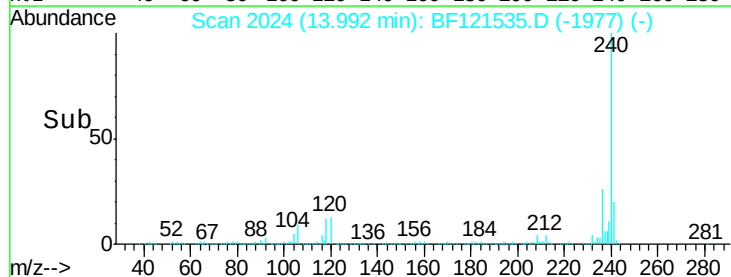
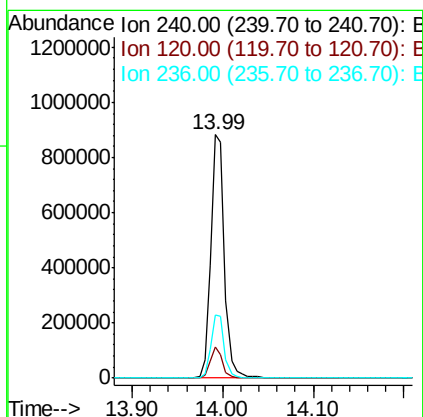
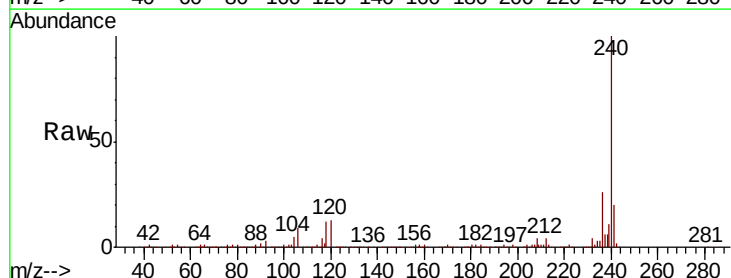
Instrument :
BNA_F
ClientSampleId :
WC-PM-B2-0-3.5-C

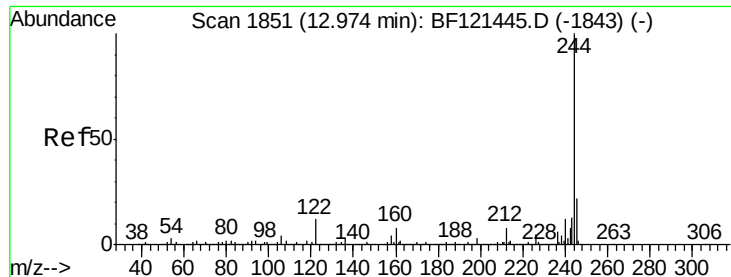
Tot Ion:188 Resp: 1136551
Ion Ratio Lower Upper
188 100
94 11.0 8.8 13.2
80 11.4 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF121535.D
Acq: 8 Sep 2020 22:03

Tgt Ion:240 Resp: 931772
Ion Ratio Lower Upper
240 100
120 12.8 8.0 12.0#
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 73.777 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121535.D

Acq: 8 Sep 2020 22:03

Instrument :

BNA_F

ClientSampleId :

WC-PM-B2-0-3.5-C

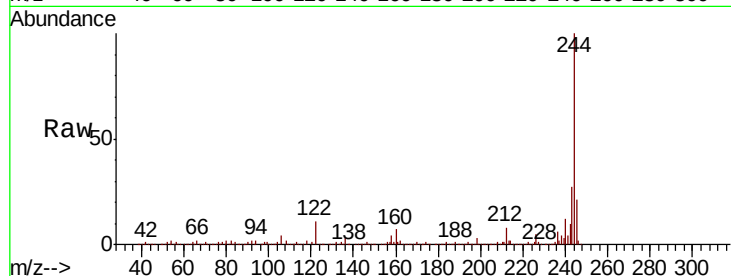
Tot Ion:244 Resp: 3265786

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 11.2 9.3 13.9



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

12.95

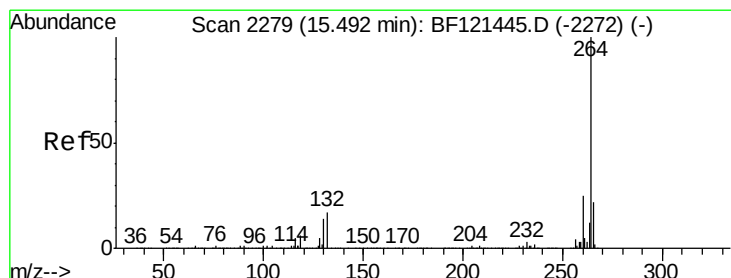
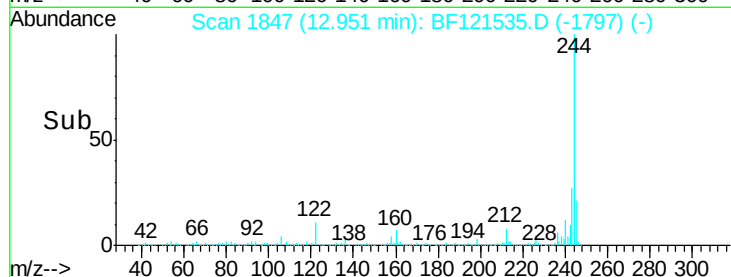
3000000

2000000

1000000

0

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF121535.D

Acq: 8 Sep 2020 22:03

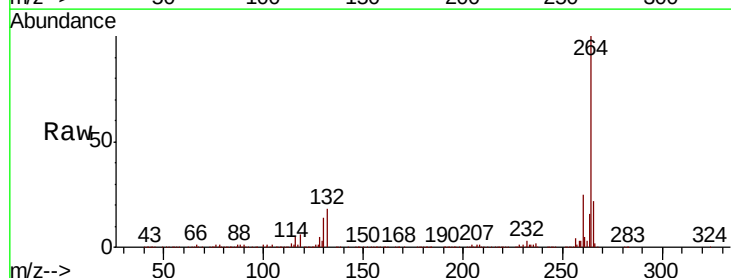
Tgt Ion:264 Resp: 786383

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.9 17.4 26.2



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

15.45

800000

600000

400000

200000

0

Time-->

