

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090920\
 Data File : BF121544.D
 Acq On : 9 Sep 2020 13:01
 Operator : JU/CG
 Sample : L3877-02DL2 250X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1DL2

Quant Time: Sep 09 13:28:43 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

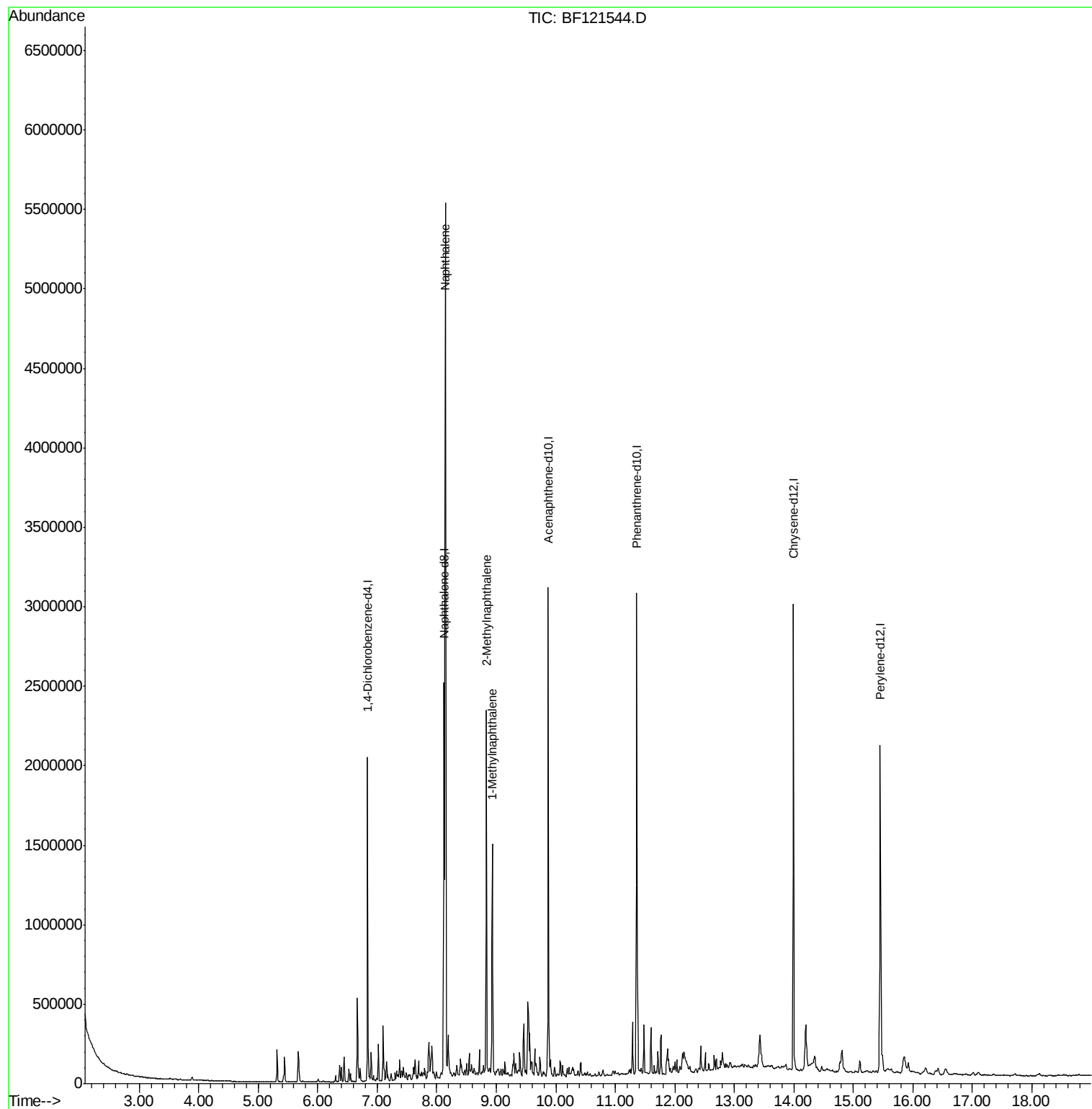
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	292881	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1121098	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	596135	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1147447	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	1015434	20.00	ng	-0.02
86) Perylene-d12	15.46	264	978598	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1112	0.06	ng	-0.01
7) Phenol-d6	6.46	99	1592	0.07	ng	-0.02
23) Nitrobenzene-d5	7.40	82	2222	0.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	705	0.12	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	3262	0.09	ng	-0.02
79) Terphenyl-d14	12.94	244	5419	0.11	ng	-0.02
Target Compounds						
31) Naphthalene	8.15	128	2507293	45.048	ng	99
37) 2-Methylnaphthalene	8.83	142	598133	16.220	ng	98
38) 1-Methylnaphthalene	8.93	142	355474	10.209	ng	99

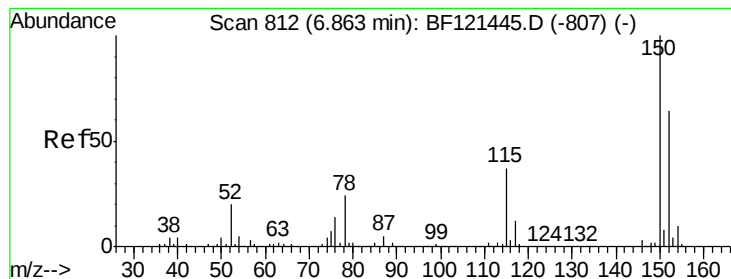
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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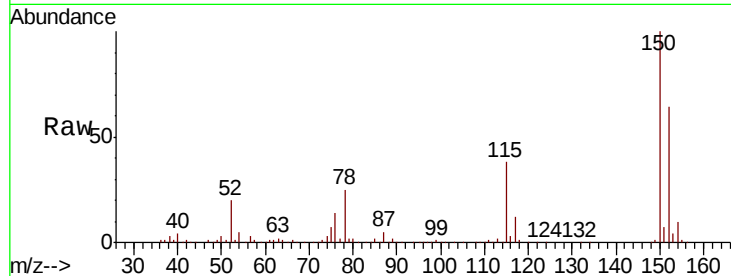


#1

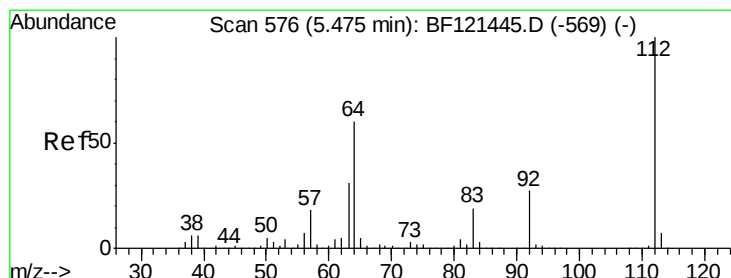
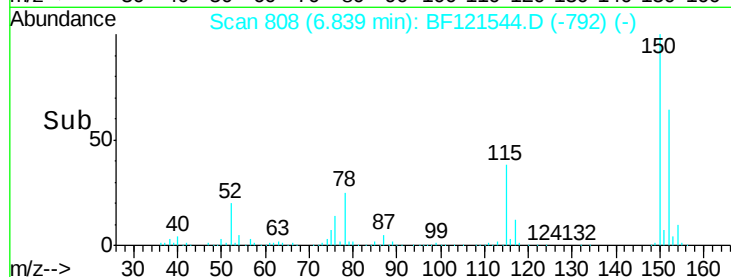
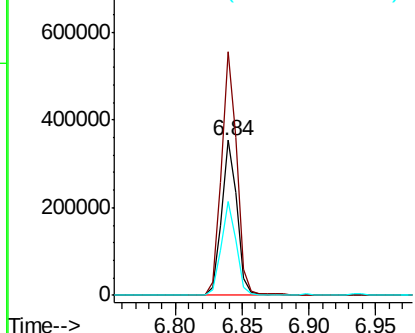
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121544.D
Acq: 9 Sep 2020 13:01

Instrument :
BNA_F
ClientSampleId :
TP-1DL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.1	189.1
115	60.4	48.4	72.6



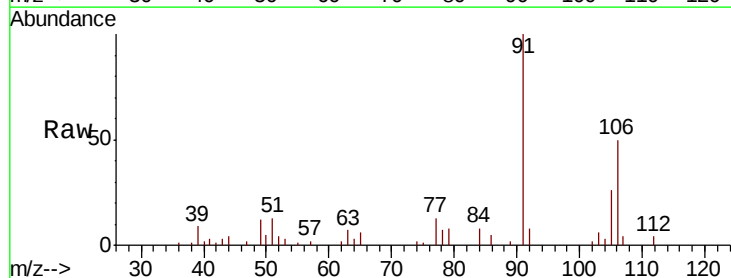
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



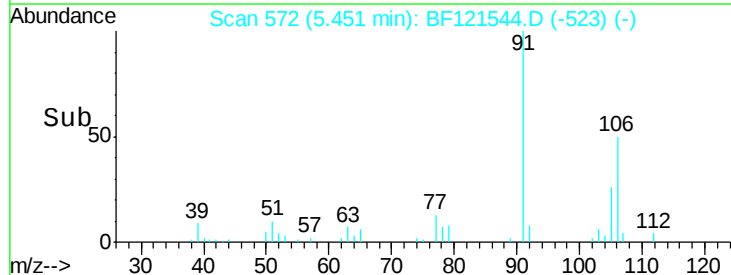
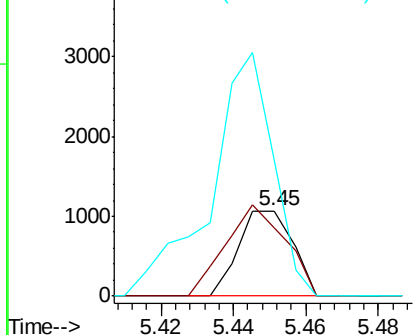
#5

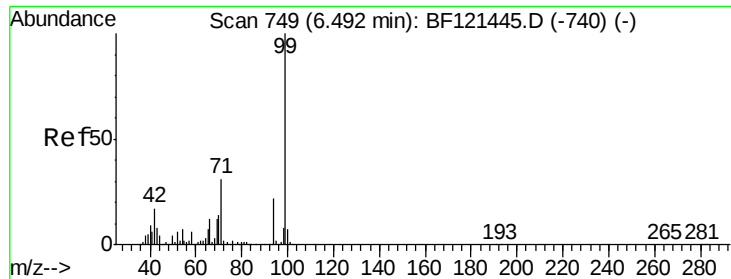
2-Fluorophenol
Concen: 0.064 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF121544.D
Acq: 9 Sep 2020 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.7	46.0	69.0#
63	159.2	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: 0.065 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF121544.D

Acq: 9 Sep 2020 13:01

Instrument :

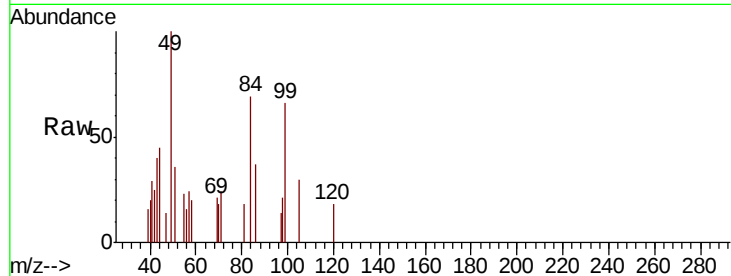
BNA_F

ClientSampleId :

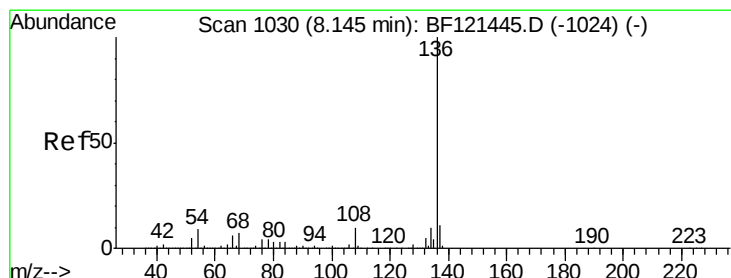
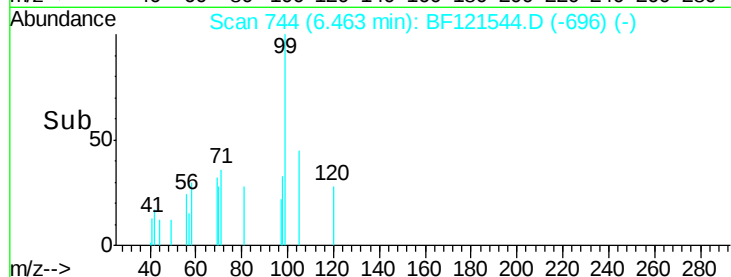
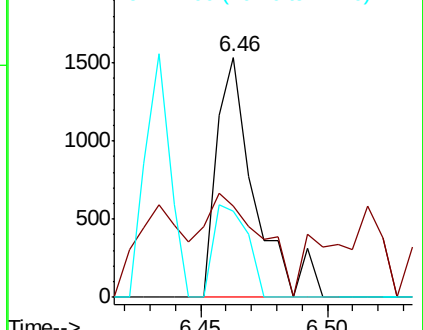
TP-1DL2

Tot Ion: 99 Resp: 1592

Ion	Ratio	Lower	Upper
99	100		
42	37.9	13.0	19.4#
71	35.9	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

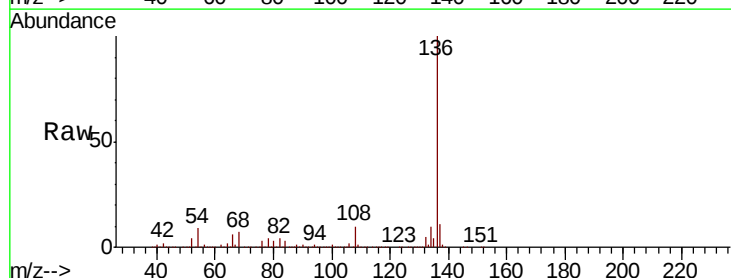
Delta R.T. -0.01 min

Lab File: BF121544.D

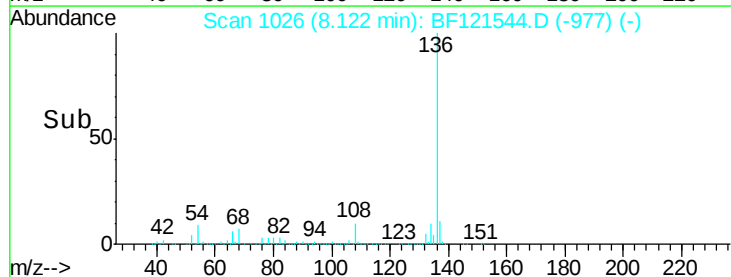
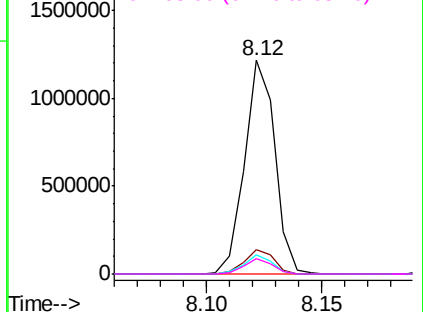
Acq: 9 Sep 2020 13:01

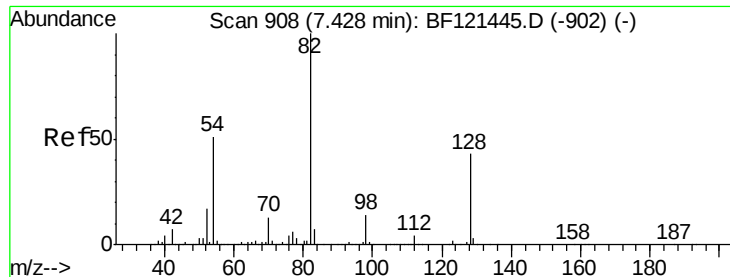
Tgt Ion: 136 Resp: 1121098

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.7	6.2	9.4
68	7.0	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

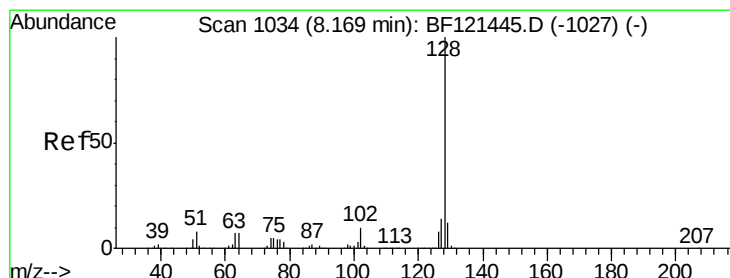
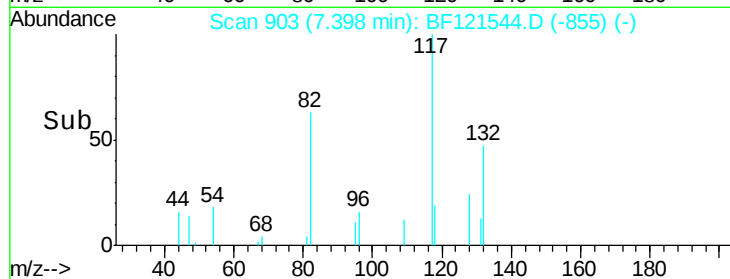
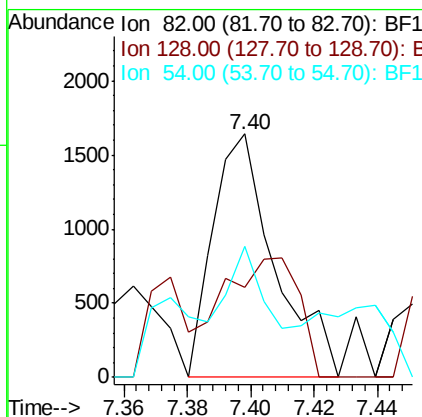
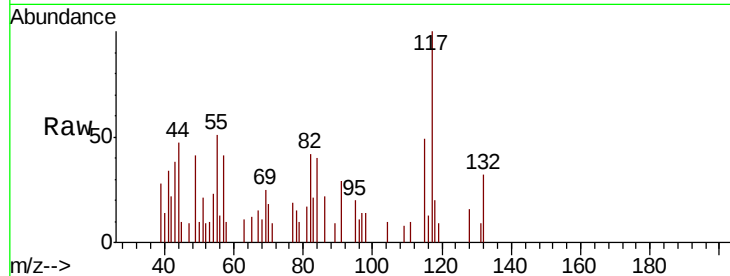


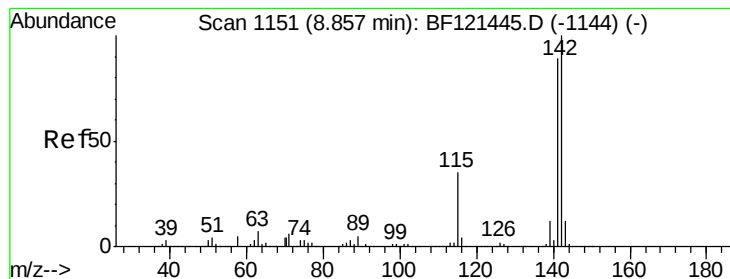


#23
 Nitrobenzene-d5
 Concen: 0.135 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF121544.D
 Acq: 9 Sep 2020 13:01

Instrument :
 BNA_F
 ClientSampleID :
 TP-1DL2

Tot Ion	82	Resp	2222
Ion Ratio	Lower	Upper	
82	100		
128	37.2	37.3	55.9#
54	54.0	39.0	58.6





#37

2-Methylnaphthalene

Concen: 16.220 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF121544.D

Acq: 9 Sep 2020 13:01

Instrument :

BNA_F

ClientSampleId :

TP-1DL2

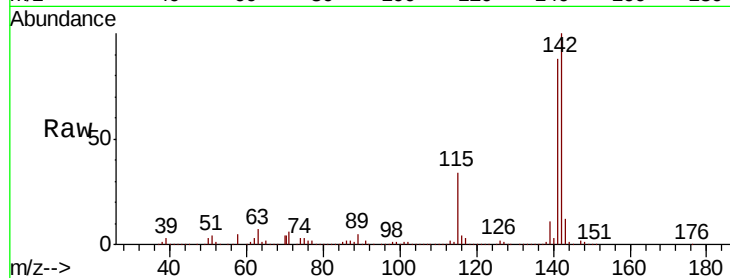
Tot Ion:142 Resp: 598133

Ion Ratio Lower Upper

142 100

141 87.9 71.9 107.9

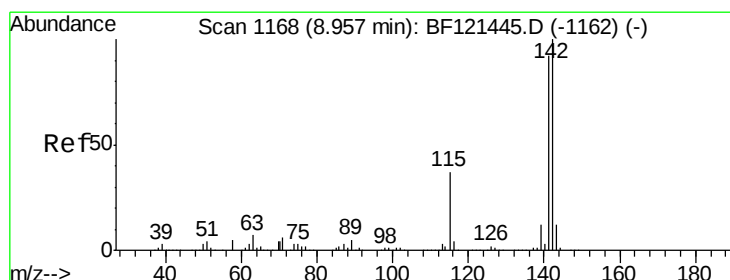
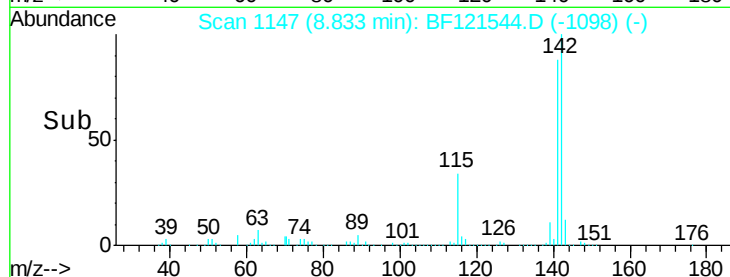
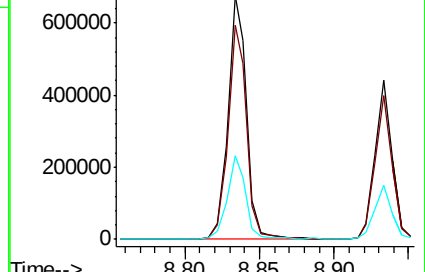
115 34.5 27.7 41.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 10.209 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF121544.D

Acq: 9 Sep 2020 13:01

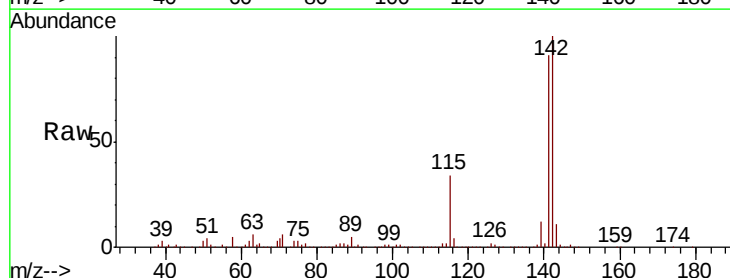
Tgt Ion:142 Resp: 355474

Ion Ratio Lower Upper

142 100

141 90.8 73.7 110.5

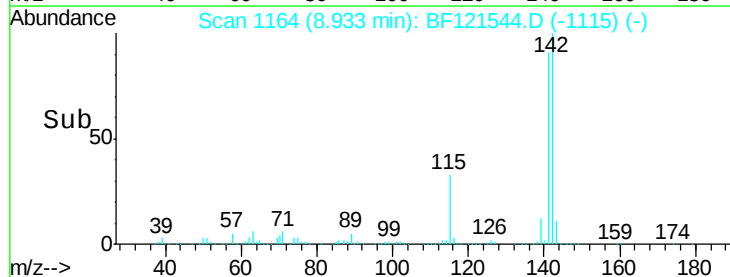
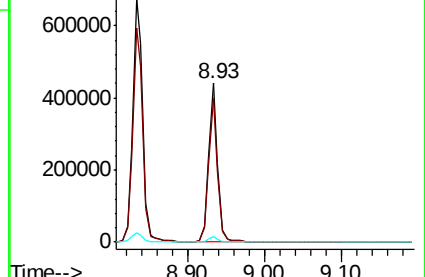
116 3.6 3.0 4.4

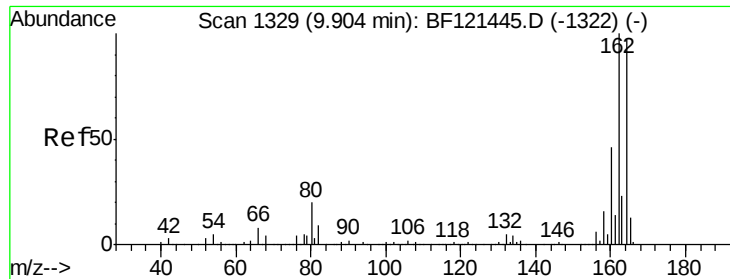


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

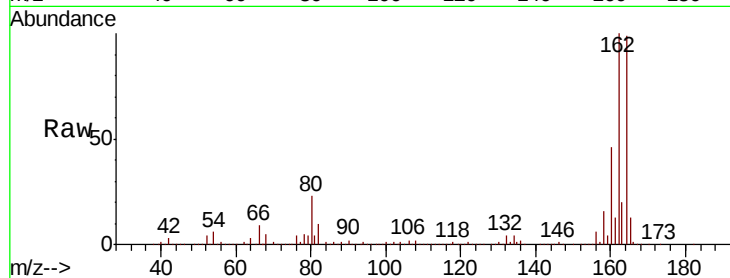




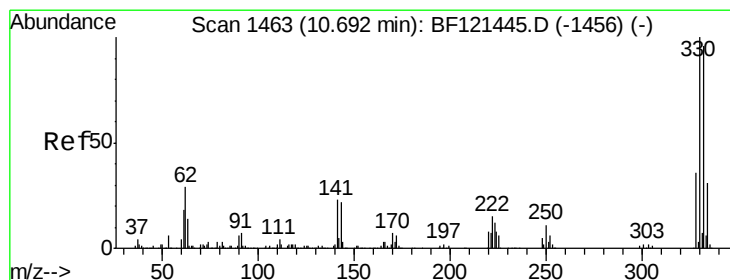
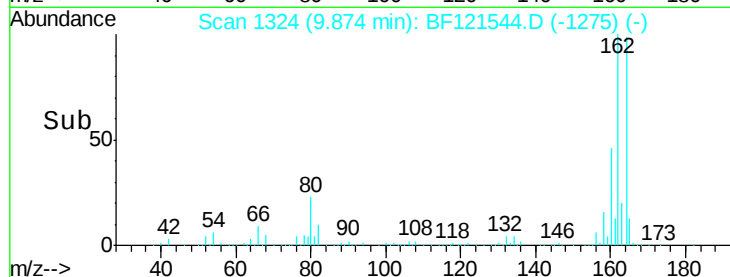
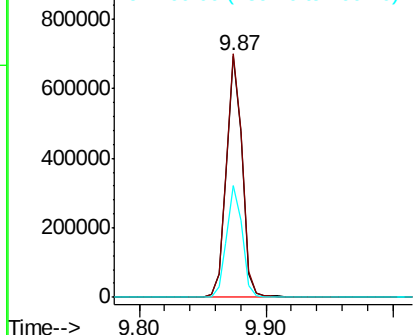
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121544.D
 Acq: 9 Sep 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-1DL2

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.5	120.7
160	46.4	36.2	54.4

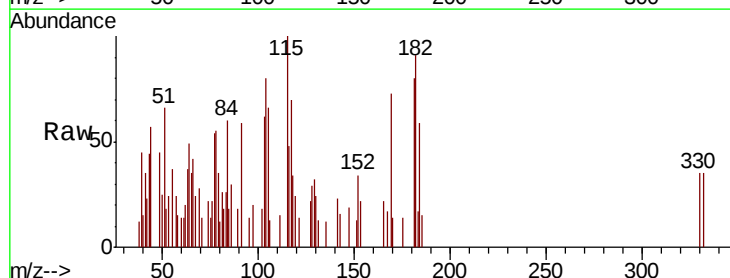


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

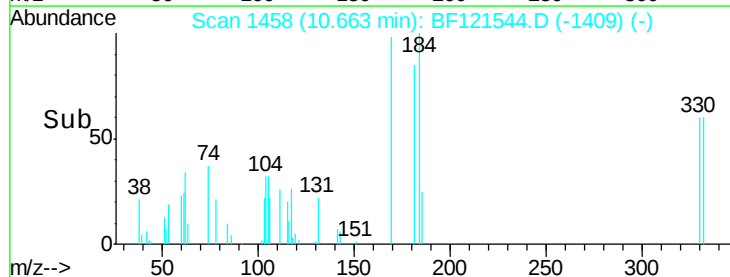
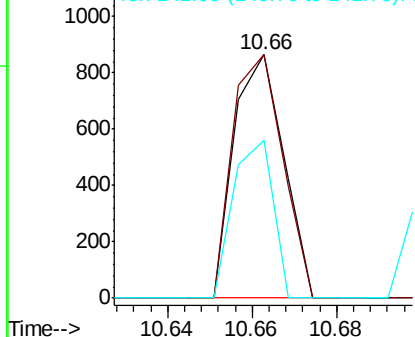


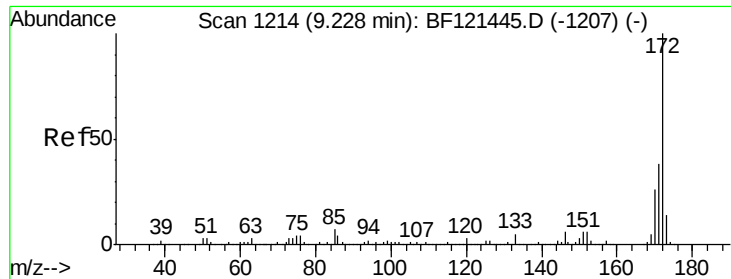
#42
 2,4,6-Tribromophenol
 Concen: 0.117 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121544.D
 Acq: 9 Sep 2020 13:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.1	76.2	114.2
141	51.8	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

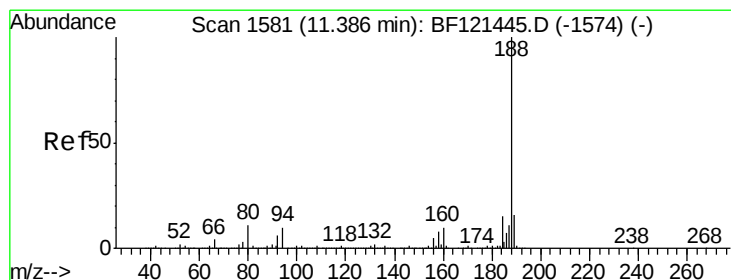
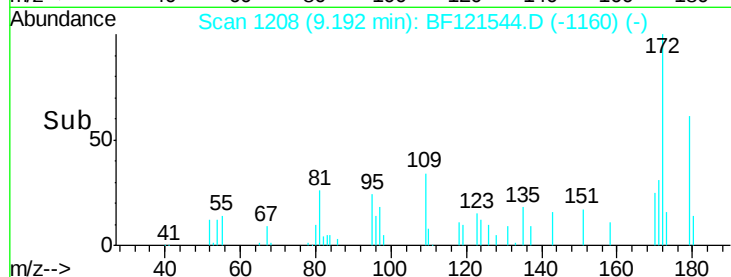
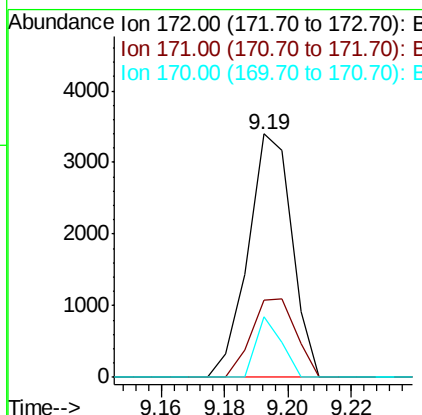
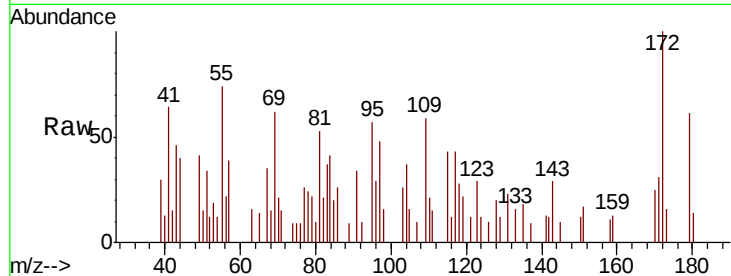




#45
 2-Fluorobiphenyl
 Concen: 0.088 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF121544.D
 Acq: 9 Sep 2020 13:01

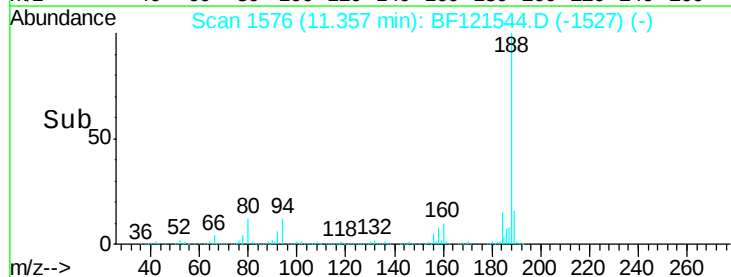
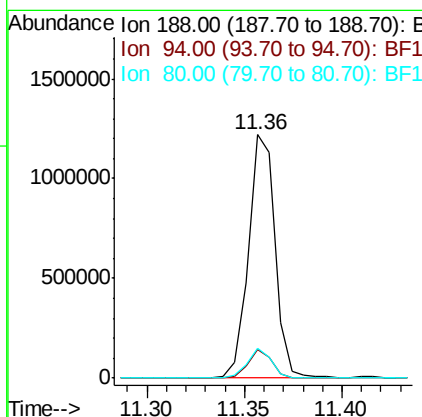
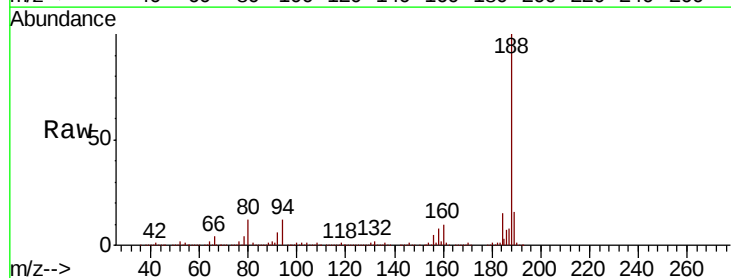
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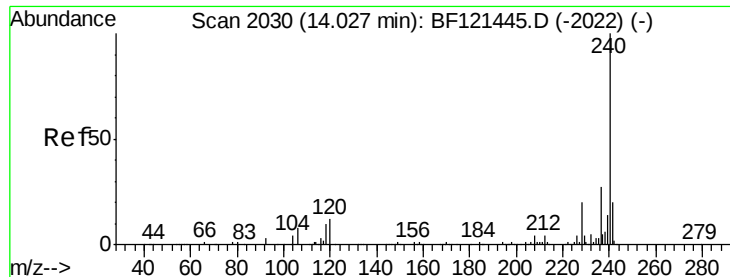
Tot Ion:172 Resp: 3262
 Ion Ratio Lower Upper
 172 100
 171 31.5 30.4 45.6
 170 24.9 20.7 31.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF121544.D
 Acq: 9 Sep 2020 13:01

Tgt Ion:188 Resp: 1147447
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.8 13.2
 80 12.0 9.1 13.7

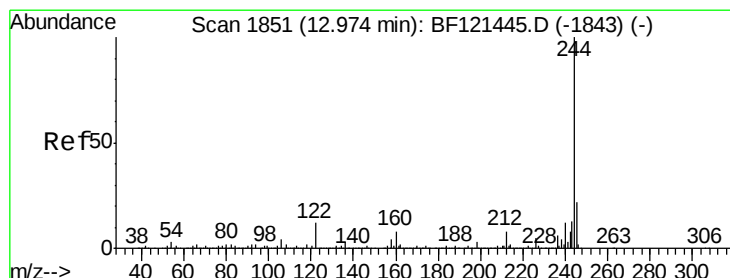
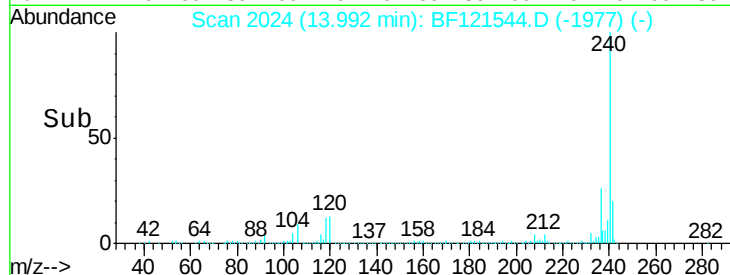
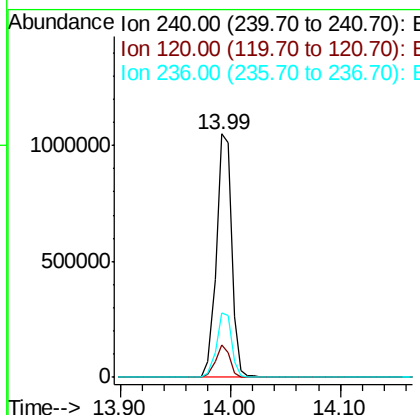
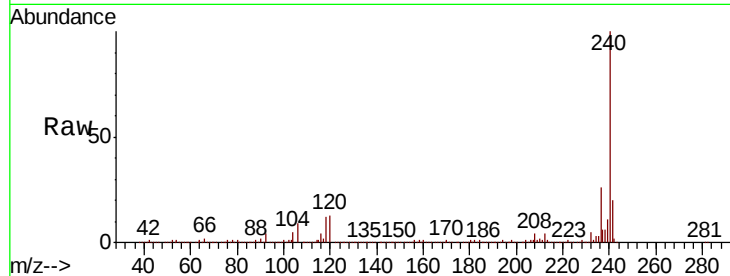




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF121544.D
 Acq: 9 Sep 2020 13:01

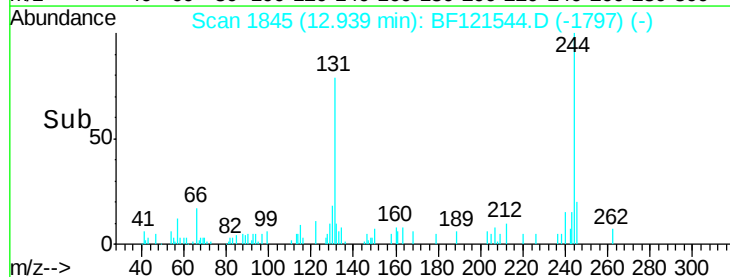
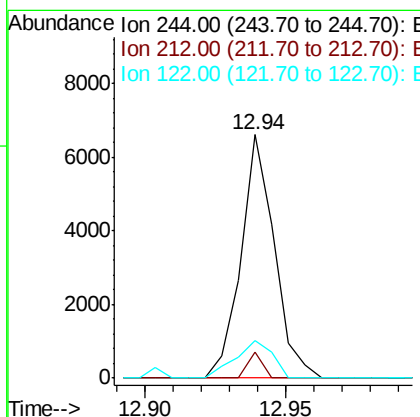
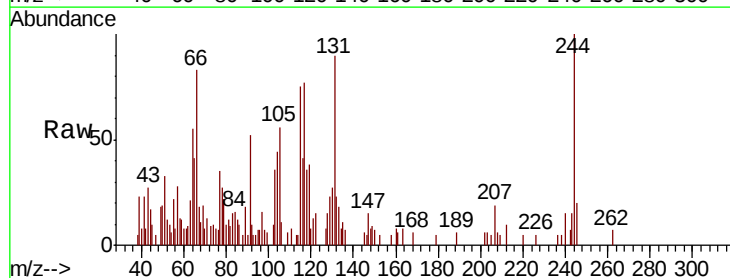
Instrument :
 BNA_F
 ClientSampleID :
 TP-1DL2

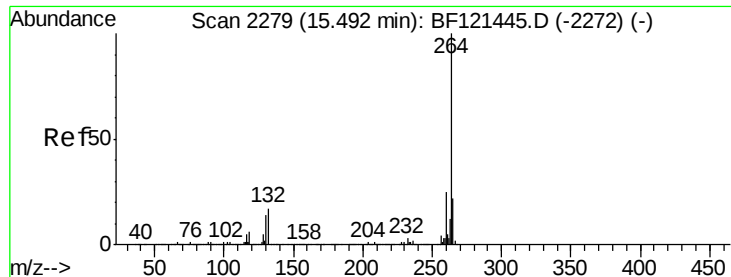
Tot Ion:240 Resp: 1015434
 Ion Ratio Lower Upper
 240 100
 120 13.4 8.0 12.0#
 236 26.2 21.4 32.2



#79
 Terphenyl-d14
 Concen: 0.112 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: BF121544.D
 Acq: 9 Sep 2020 13:01

Tgt Ion:244 Resp: 5419
 Ion Ratio Lower Upper
 244 100
 212 10.5 6.0 9.0#
 122 15.2 9.3 13.9#



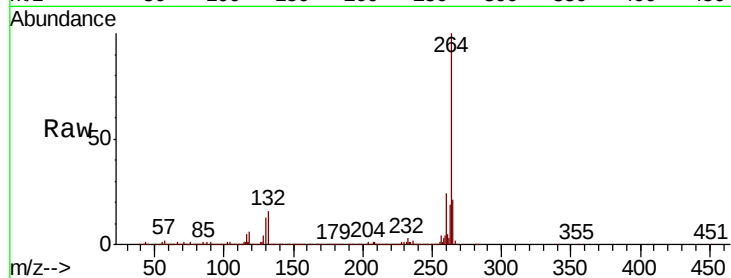


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121544.D
Acq: 9 Sep 2020 13:01

Instrument :
BNA_F
ClientSampleId :
TP-1DL2

Tot Ion:264 Resp: 978598

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.2	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
1000000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

