

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122797.D
 Acq On : 18 Dec 2020 21:15
 Operator : JU/CG
 Sample : L5126-10 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 18 23:35:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

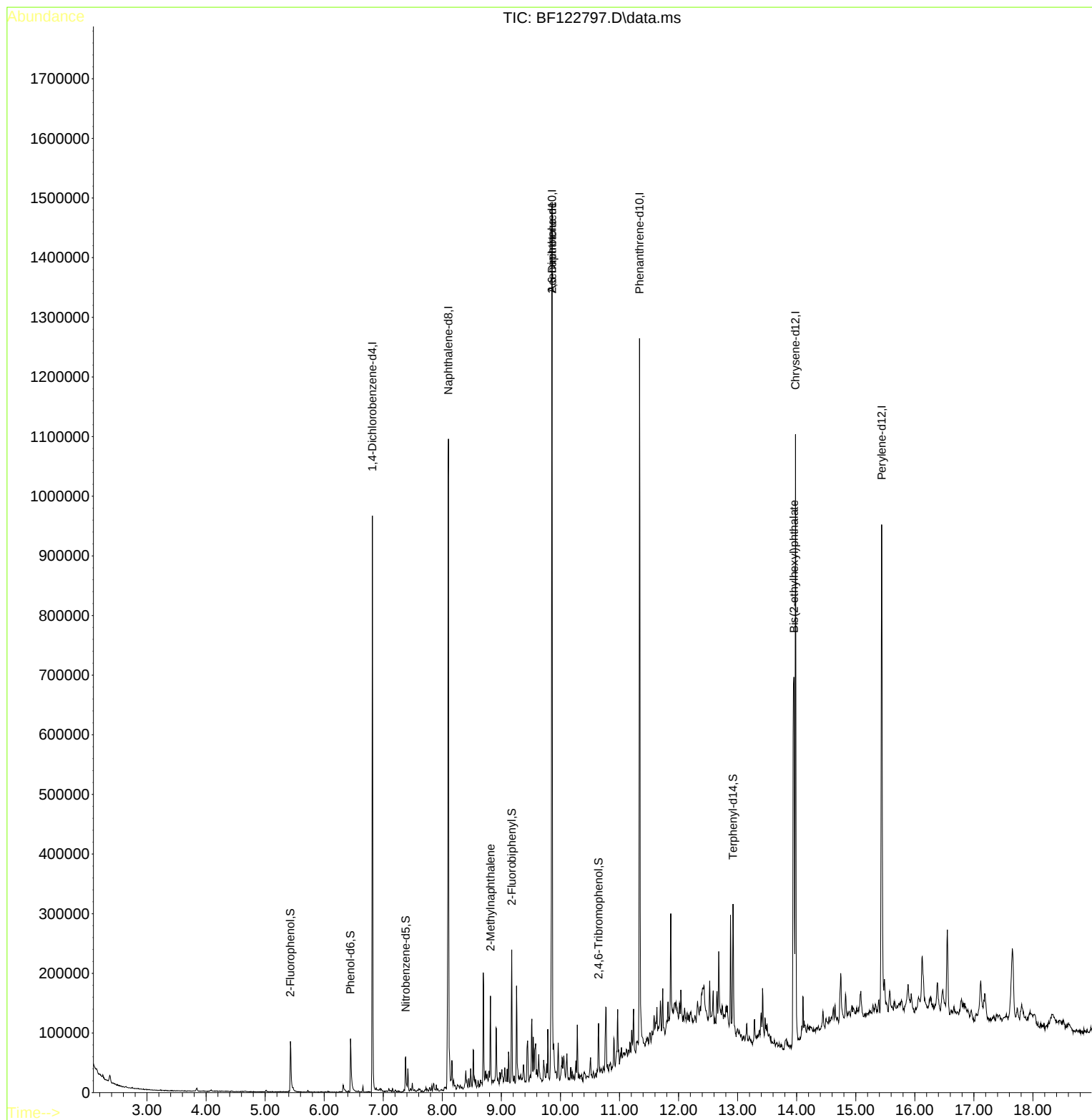
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	140257	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	526699	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	271291	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	440896	20.00	ng	0.00
76) Chrysene-d12	13.980	240	335793	20.00	ng	0.00
86) Perylene-d12	15.439	264	399646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	36769	4.15	ng	0.00
7) Phenol-d6	6.445	99	45551	3.88	ng	-0.01
23) Nitrobenzene-d5	7.381	82	28386	2.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	12683	3.57	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	64169	3.20	ng	-0.01
79) Terphenyl-d14	12.921	244	62469	3.26	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.816	142	39533	2.06	ng	98
51) 2,6-Dinitrotoluene	9.857	165	44060	9.63	ng	# 32
84) Bis(2-ethylhexyl)phtha...	13.957	149	420891	26.28	ng	# 96

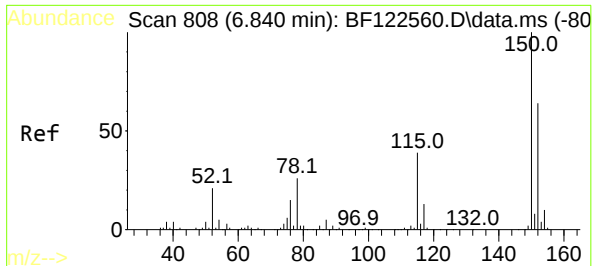
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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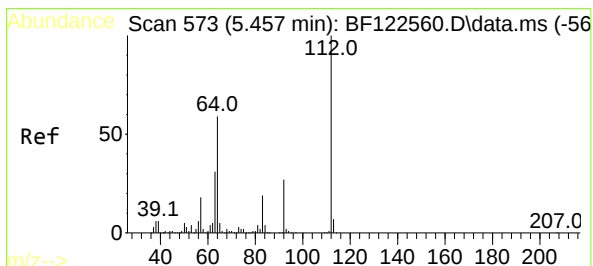
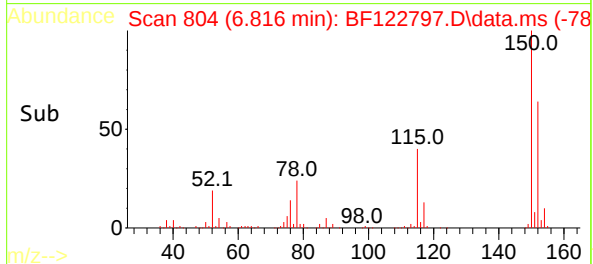
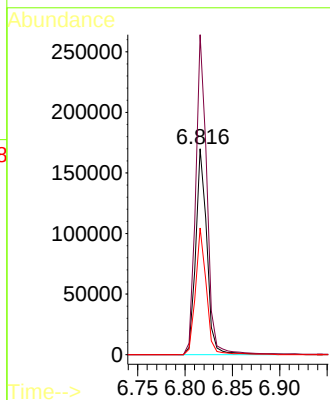
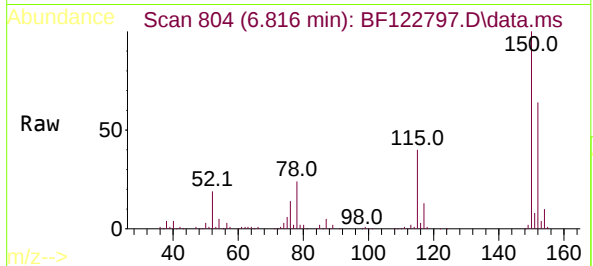




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

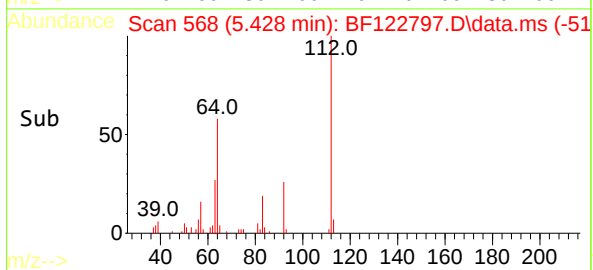
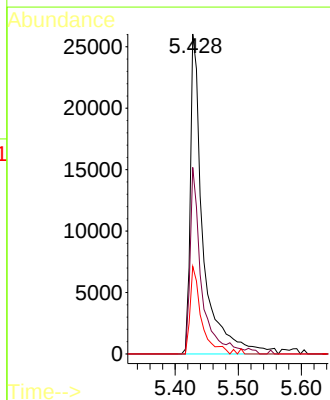
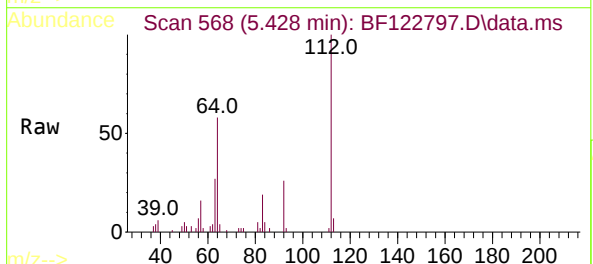
Instrument :
BNA_F
ClientSampleId :

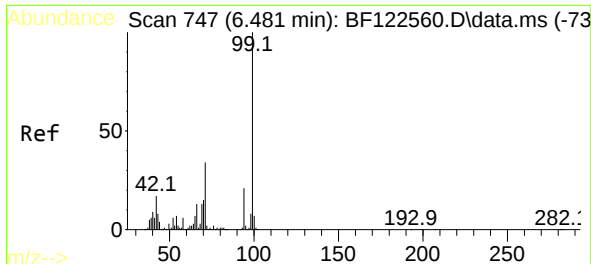
Tgt Ion:152 Resp: 140257
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 61.5 49.3 73.9



#5
2-Fluorophenol
Concen: 4.15 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

Tgt Ion:112 Resp: 36769
Ion Ratio Lower Upper
112 100
64 58.3 46.9 70.3
63 27.3 24.5 36.7

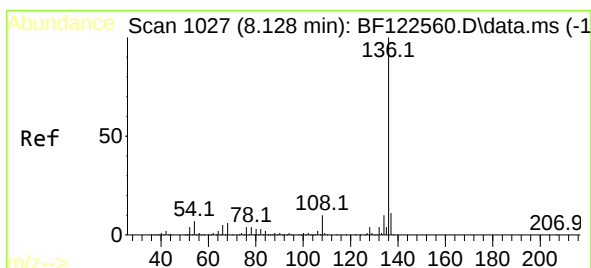
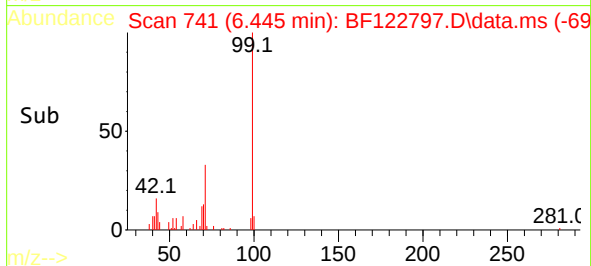
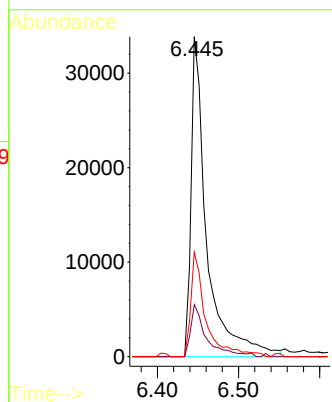
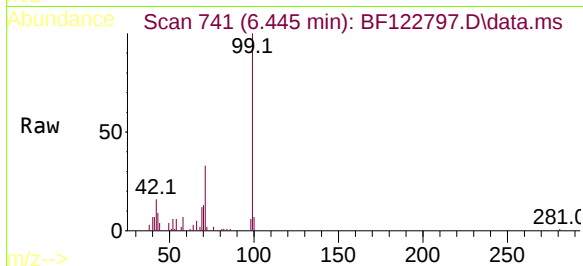




#7
Phenol-d6
Concen: 3.88 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

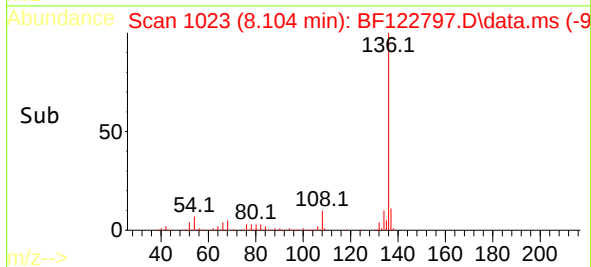
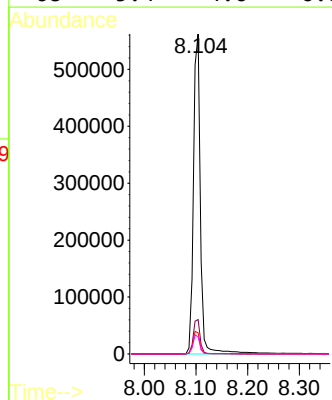
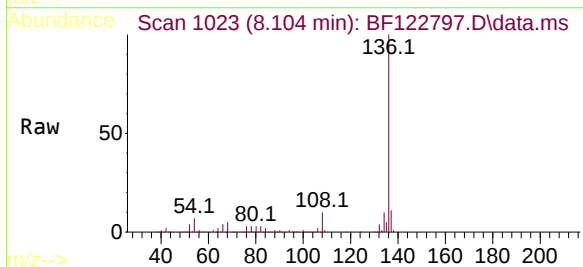
Instrument :
BNA_F
ClientSampleId :

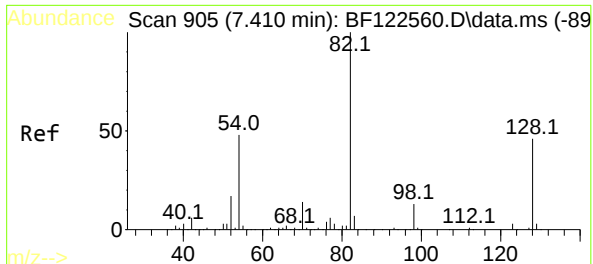
Tgt Ion: 99 Resp: 45551
Ion Ratio Lower Upper
99 100
42 16.3 13.8 20.6
71 32.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

Tgt Ion: 136 Resp: 526699
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.6 5.5 8.3
68 5.4 4.6 6.8

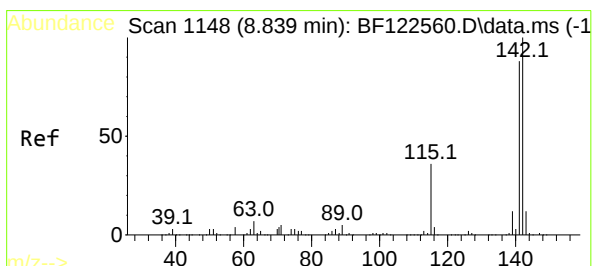
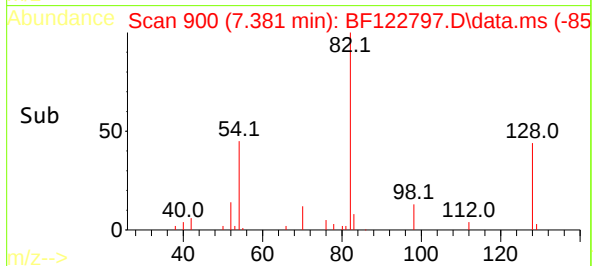
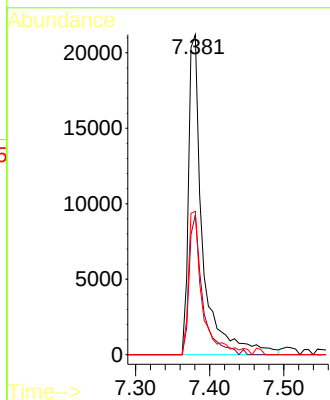
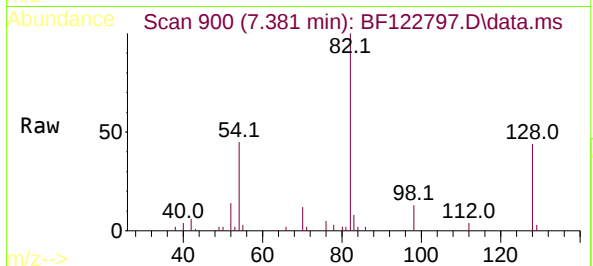




#23
Nitrobenzene-d5
Concen: 2.70 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

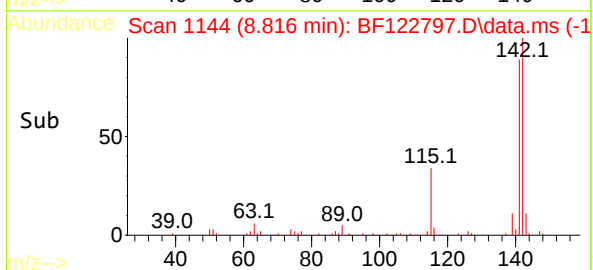
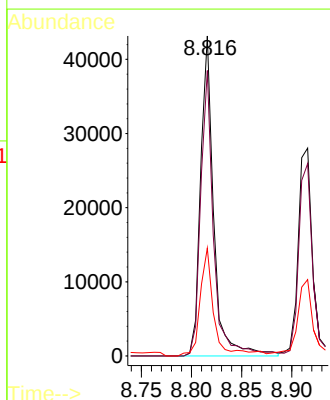
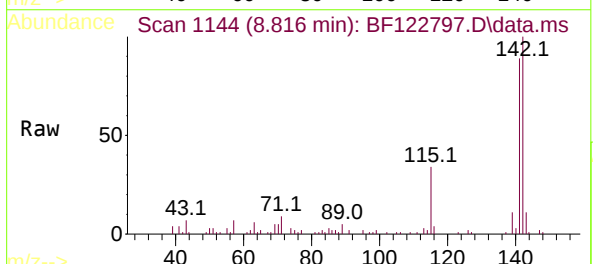
Instrument :
BNA_F
ClientSampleId :

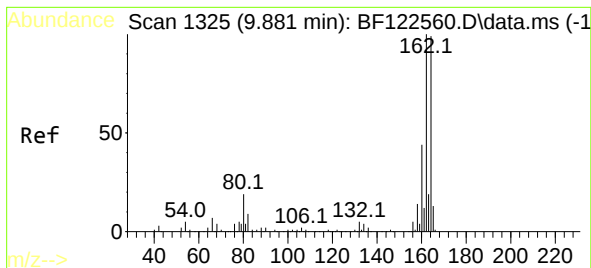
Tgt Ion: 82 Resp: 28386
Ion Ratio Lower Upper
82 100
128 43.7 37.0 55.4
54 44.8 38.4 57.6



#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

Tgt Ion: 142 Resp: 39533
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0
115 33.7 28.7 43.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF122797.D

Acq: 18 Dec 2020 21:15

Tgt Ion:164 Resp: 271291

Ion Ratio Lower Upper

164 100

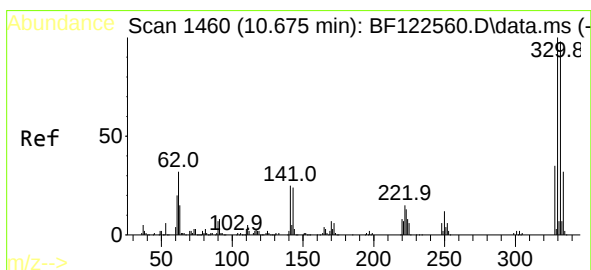
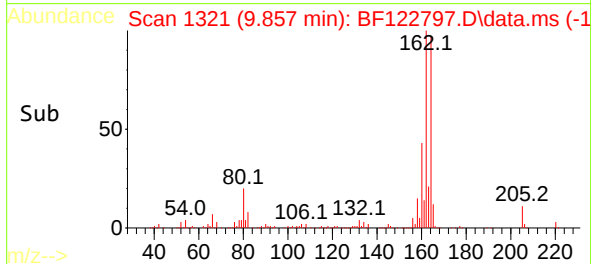
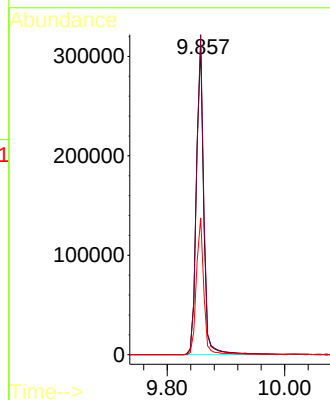
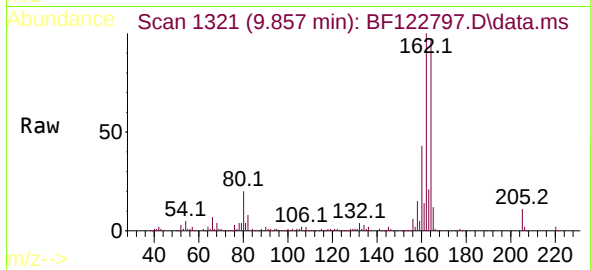
162 103.2 80.8 121.2

160 44.1 35.4 53.0

Instrument :

BNA_F

ClientSampleId :



#42

2,4,6-Tribromophenol

Concen: 3.57 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF122797.D

Acq: 18 Dec 2020 21:15

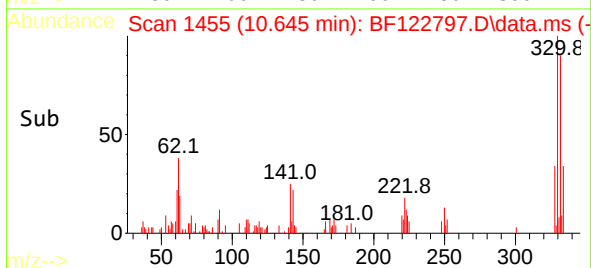
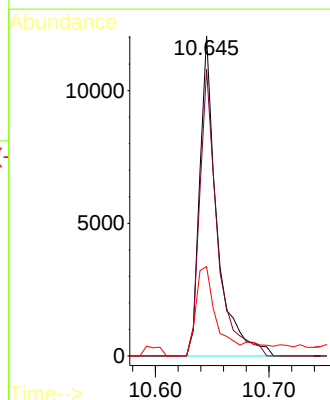
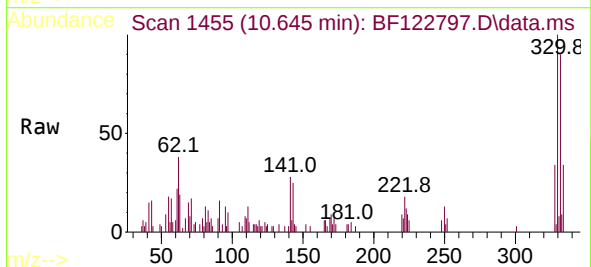
Tgt Ion:330 Resp: 12683

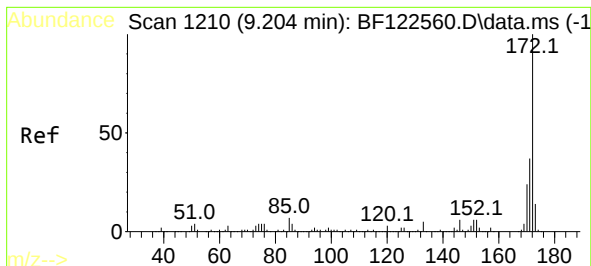
Ion Ratio Lower Upper

330 100

332 91.9 77.5 116.3

141 33.3 23.8 35.8

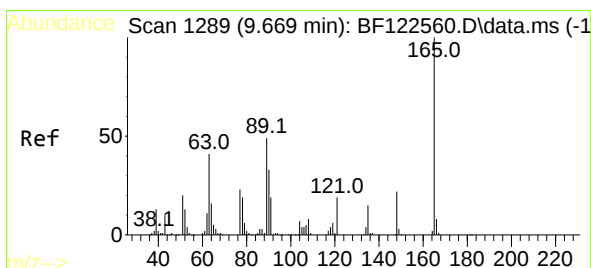
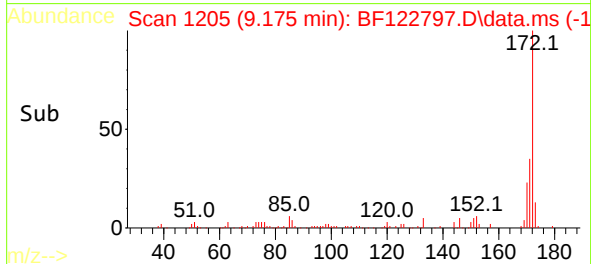
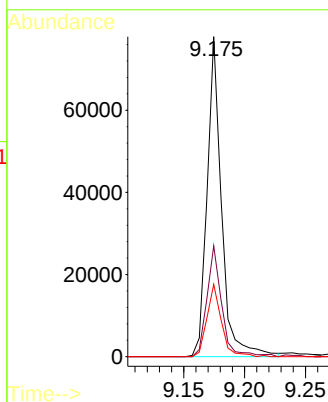
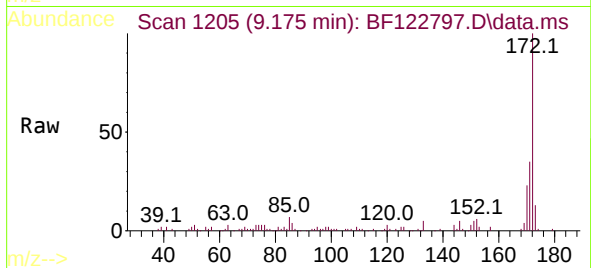




#45
2-Fluorobiphenyl
Concen: 3.20 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

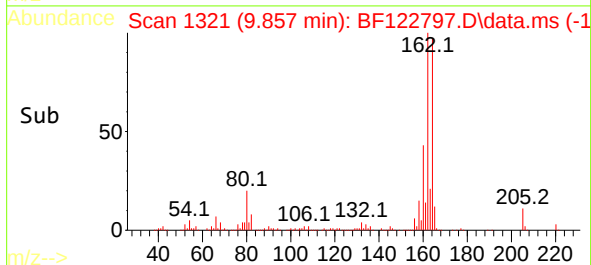
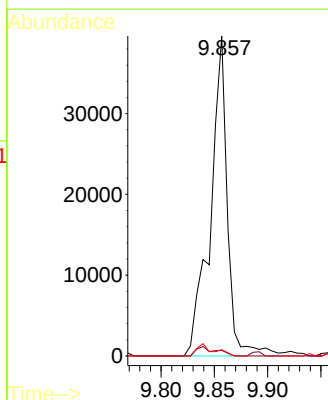
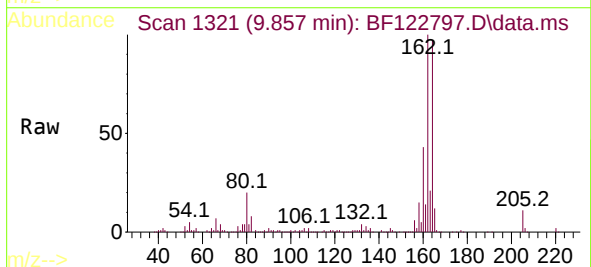
Instrument :
BNA_F
ClientSampleId :

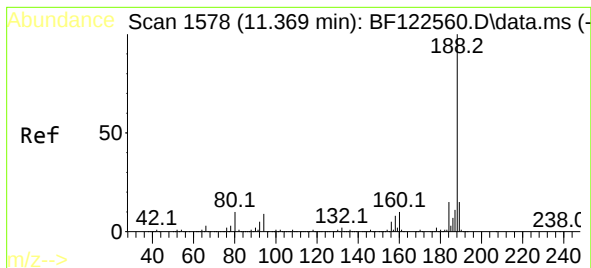
Tgt Ion:172 Resp: 64169
Ion Ratio Lower Upper
172 100
171 34.7 29.6 44.4
170 22.6 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 9.63 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

Tgt Ion:165 Resp: 44060
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 2.0 39.4 59.0#

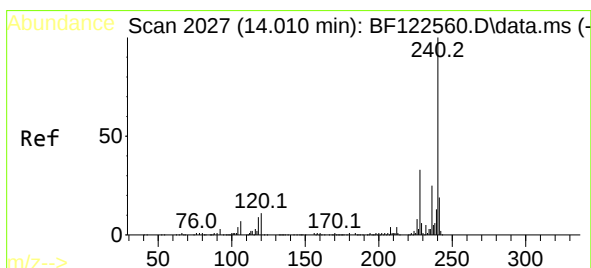
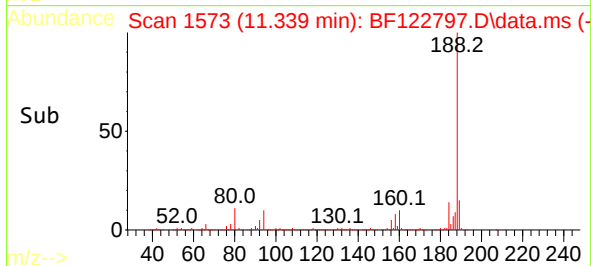
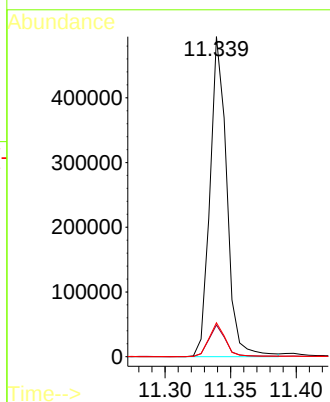
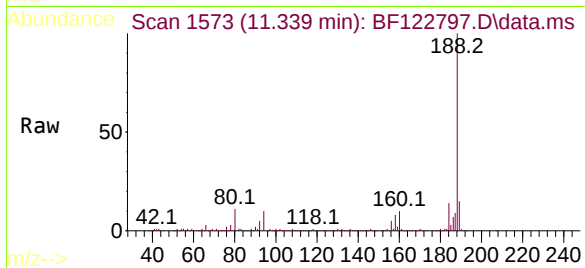




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

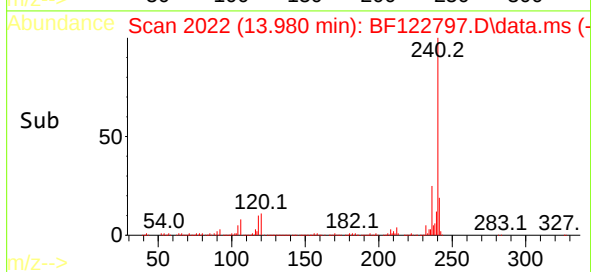
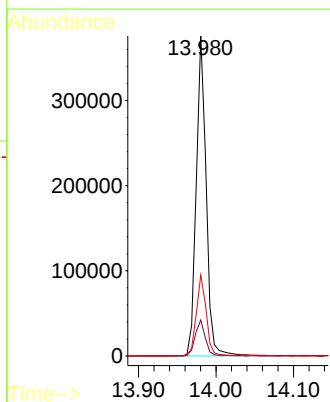
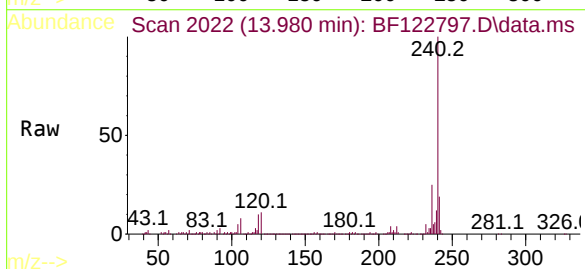
Instrument :
BNA_F
ClientSampleId :

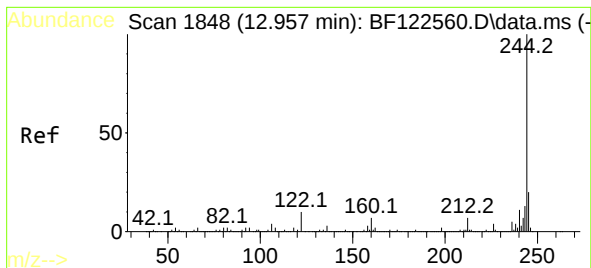
Tgt Ion:188 Resp: 440896
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122797.D
Acq: 18 Dec 2020 21:15

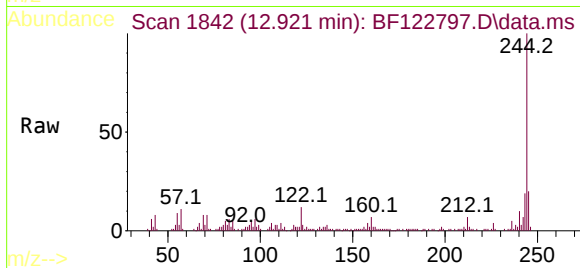
Tgt Ion:240 Resp: 335793
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.3 20.3 30.5





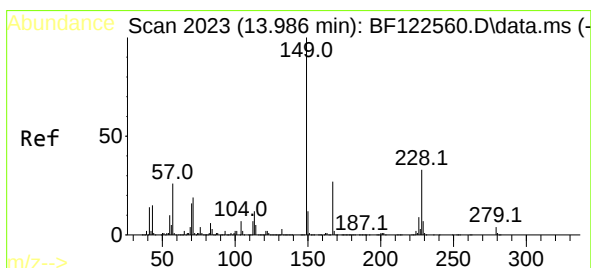
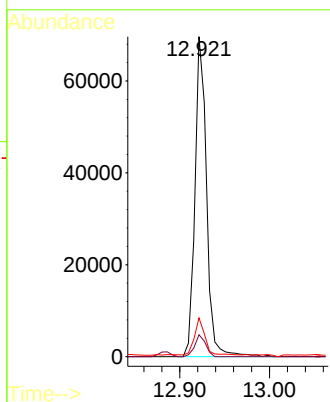
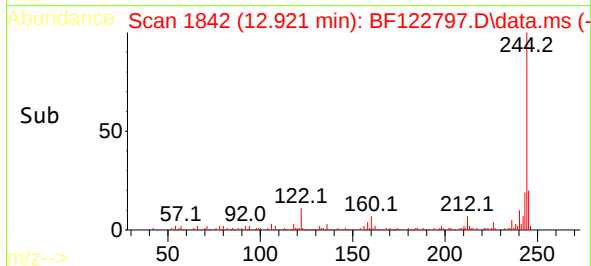
#79
 Terphenyl-d14
 Concen: 3.26 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF122797.D
 Acq: 18 Dec 2020 21:15

Instrument :
 BNA_F
 ClientSampleId :

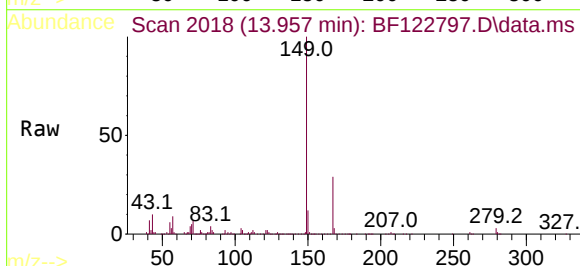


Tgt Ion:244 Resp: 62469

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	12.1	8.3	12.5

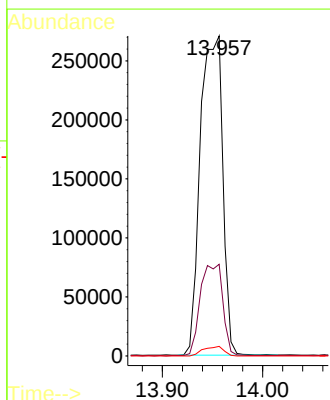
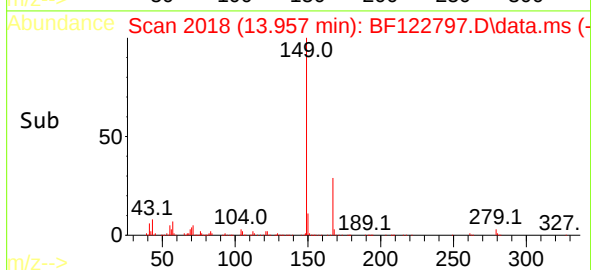


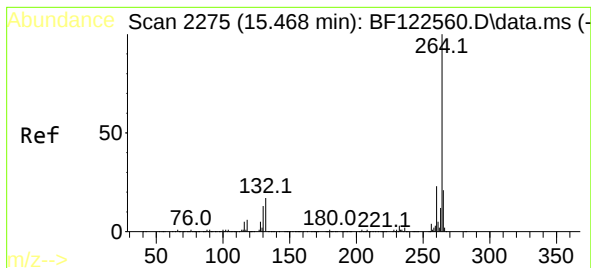
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 26.28 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF122797.D
 Acq: 18 Dec 2020 21:15



Tgt Ion:149 Resp: 420891

Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.4	32.2
279	3.0	3.4	5.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122797.D
 Acq: 18 Dec 2020 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 399646
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.0 17.0 25.6

