

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128614.D
 Acq On : 01 Jun 2022 01:06
 Operator : CG\JU
 Sample : N2952-15 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS002-0006-01

Quant Time: Jun 01 02:19:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

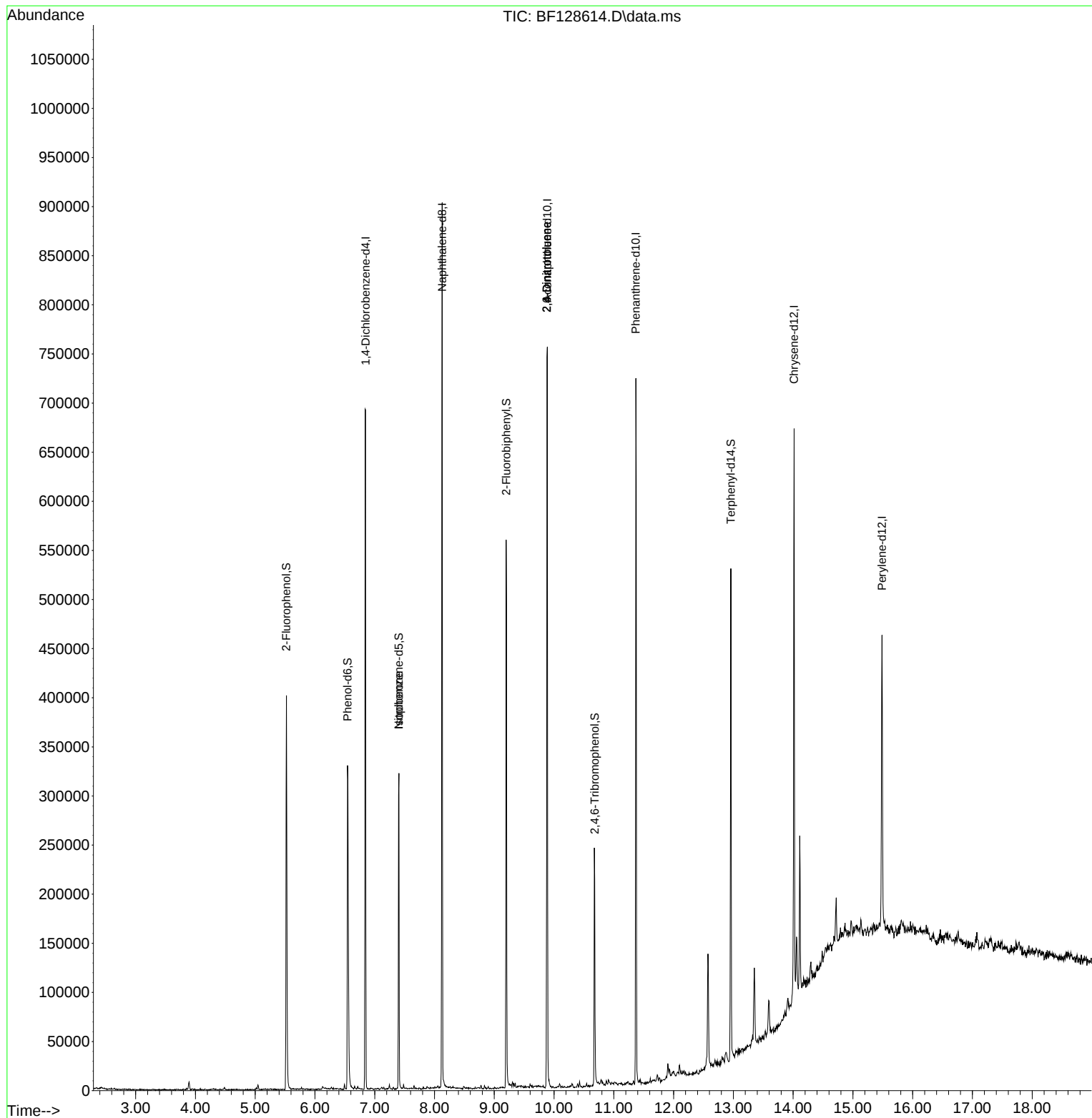
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	97666	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	334666	20.000	ng	# 0.00
39) Acenaphthene-d10	9.887	164	163694	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	258065	20.000	ng	0.00
76) Chrysene-d12	14.016	240	196709	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	141334	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	106219	18.015	ng	0.07
7) Phenol-d6	6.546	99	126121	16.776	ng	0.08
23) Nitrobenzene-d5	7.404	82	89625	15.449	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	28368	18.207	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	166647	16.540	ng	0.00
79) Terphenyl-d14	12.957	244	153336	15.060	ng	0.00
Target Compounds						
9) Benzaldehyde	6.540	77	59	Below Cal	#	1
25) Isophorone	7.404	82	89563	8.369	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	21347	10.970	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	21347	9.169	ng	# 22

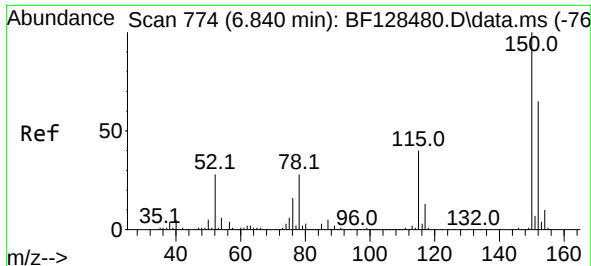
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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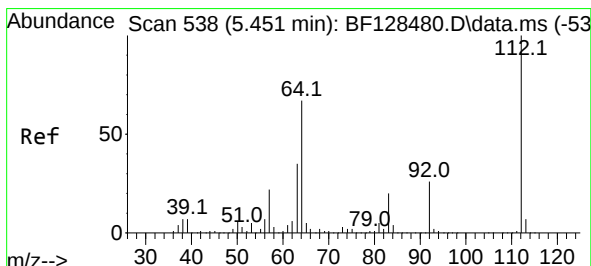
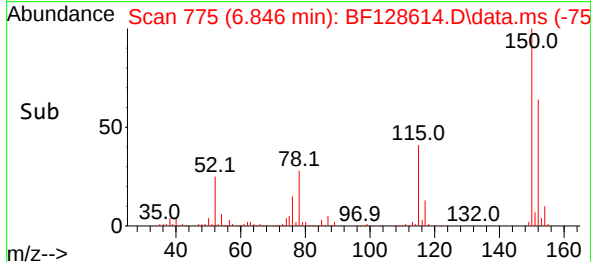
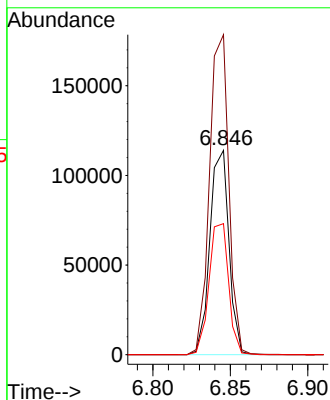
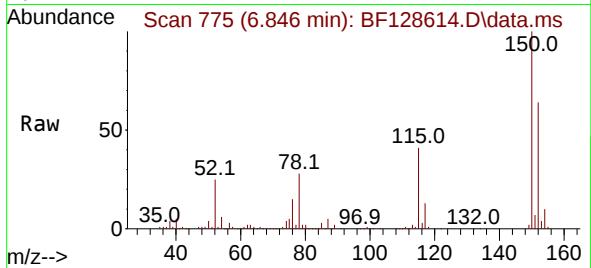




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

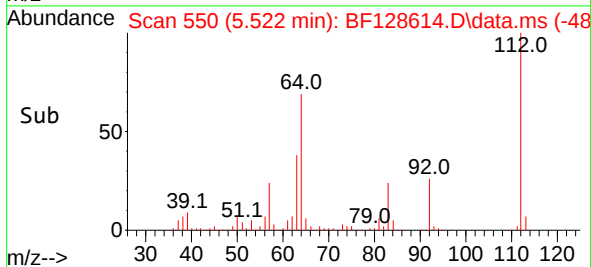
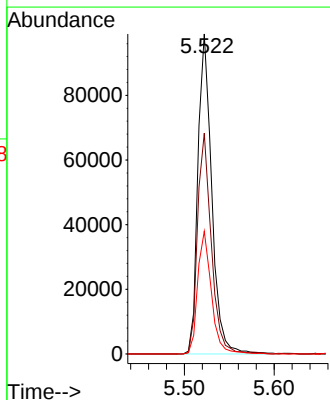
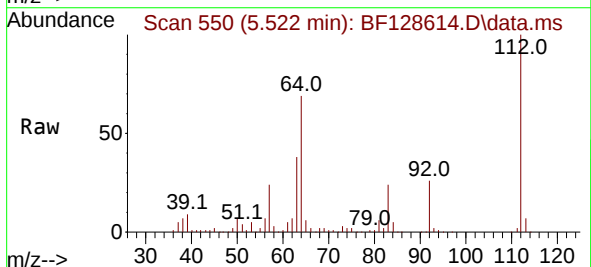
Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01

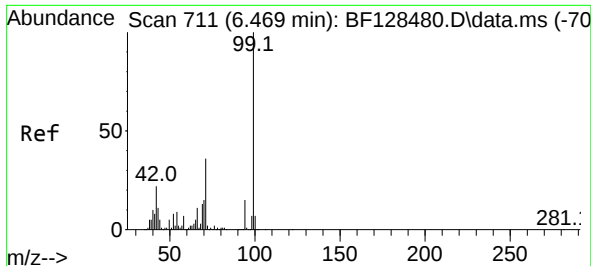
Tgt Ion:152 Resp: 97666
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 18.015 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.071 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion:112 Resp: 106219
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 38.4 28.0 42.0

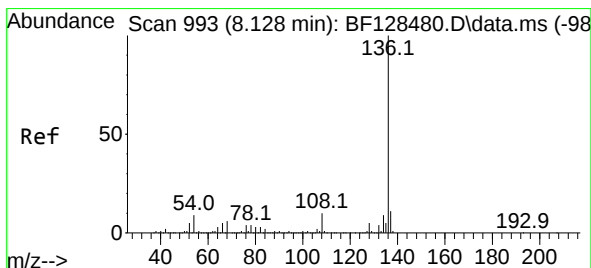
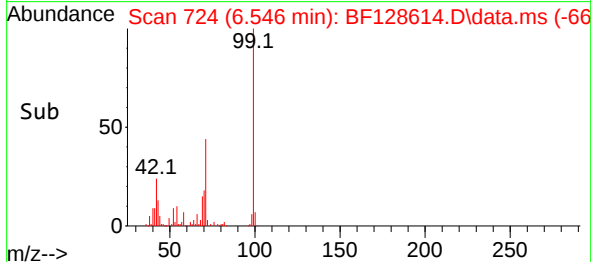
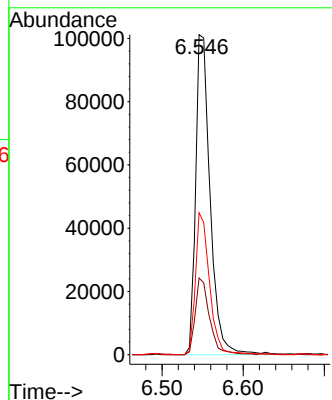
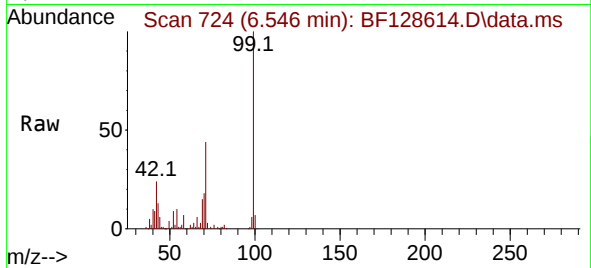




#7
Phenol-d6
Concen: 16.776 ng
RT: 6.546 min Scan# 711
Delta R.T. 0.077 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

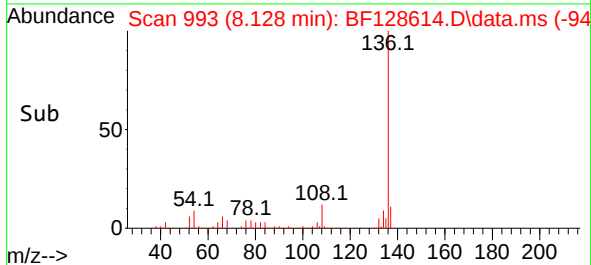
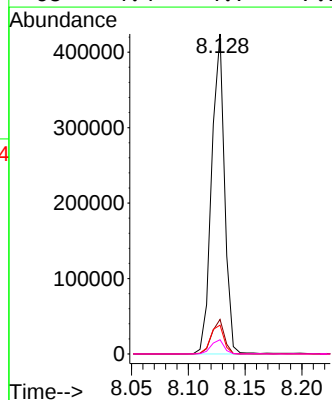
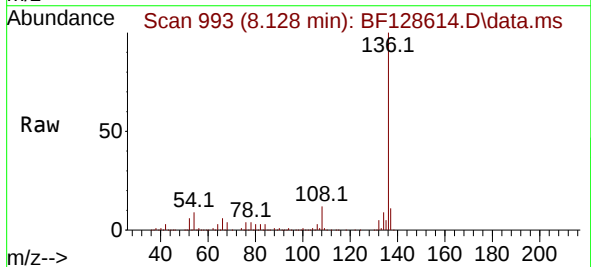
Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01

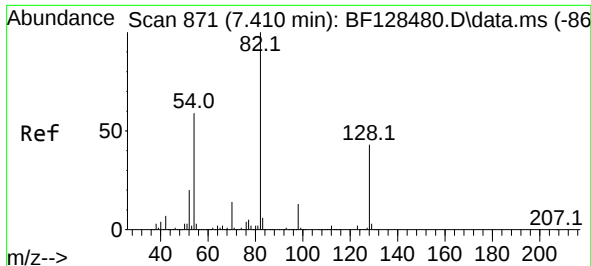
Tgt Ion: 99 Resp: 126121
Ion Ratio Lower Upper
99 100
42 23.9 17.3 25.9
71 44.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion: 136 Resp: 334666
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 7.5 11.3
68 4.4 4.7 7.1#

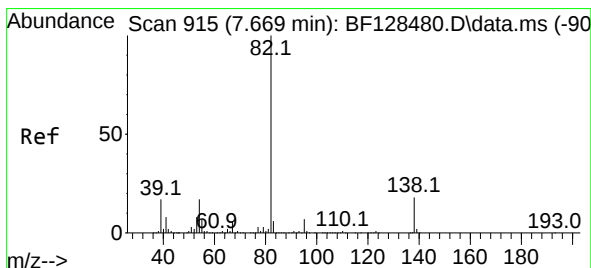
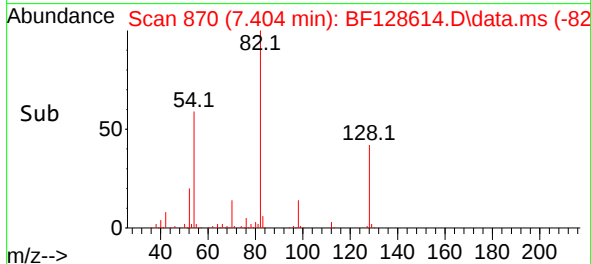
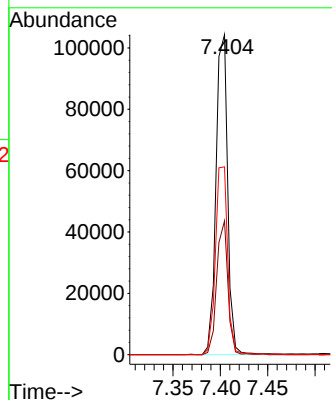
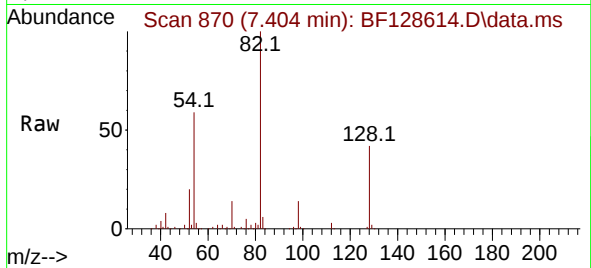




#23
Nitrobenzene-d5
Concen: 15.449 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

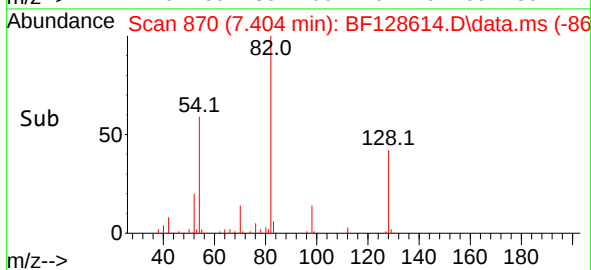
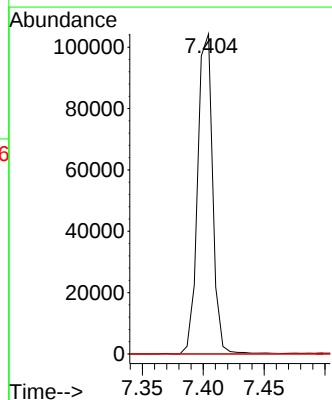
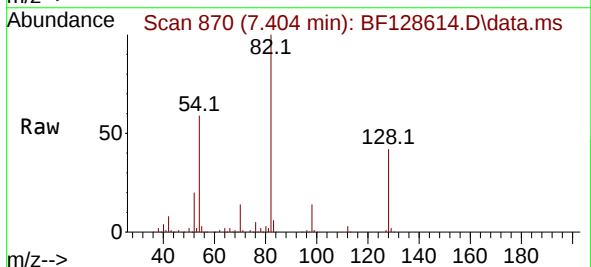
Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01

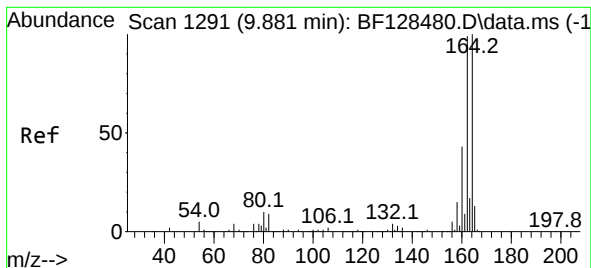
Tgt Ion: 82 Resp: 89625
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 58.7 46.9 70.3



#25
Isophorone
Concen: 8.369 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.265 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion: 82 Resp: 89563
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.887 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128614.D

Acq: 01 Jun 2022 01:06

Instrument :

BNA_F

ClientSampleId :

P037-SS002-0006-01

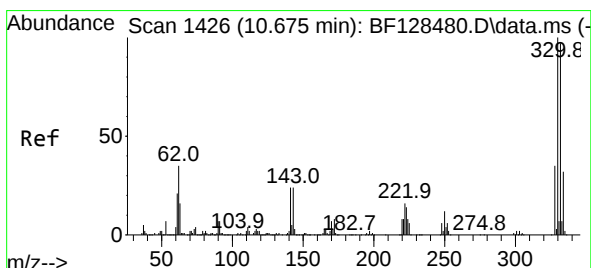
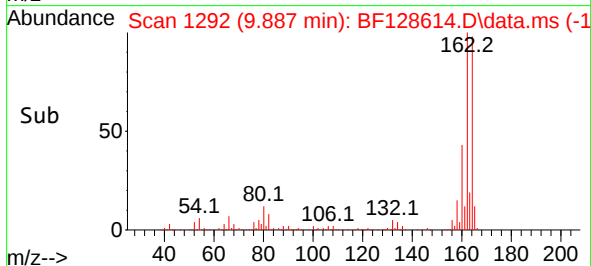
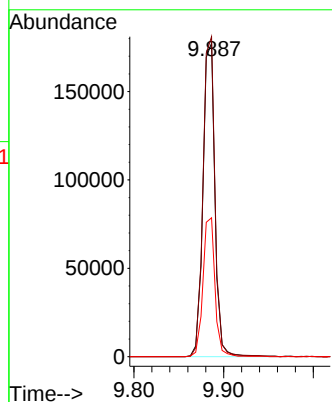
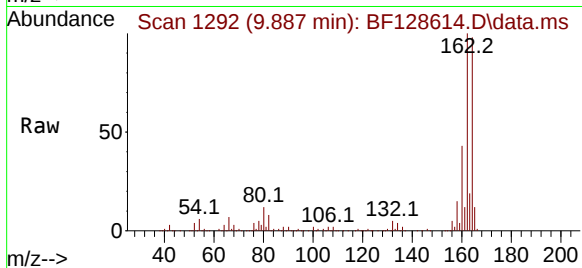
Tgt Ion:164 Resp: 163694

Ion Ratio Lower Upper

164 100

162 102.1 79.5 119.3

160 44.3 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 18.207 ng

RT: 10.681 min Scan# 1427

Delta R.T. 0.006 min

Lab File: BF128614.D

Acq: 01 Jun 2022 01:06

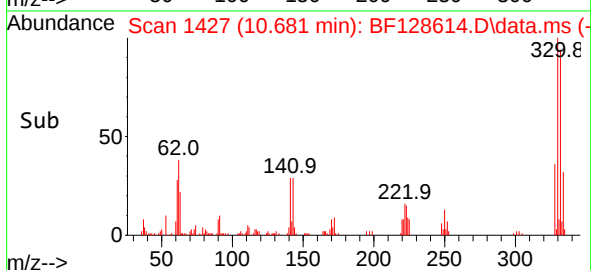
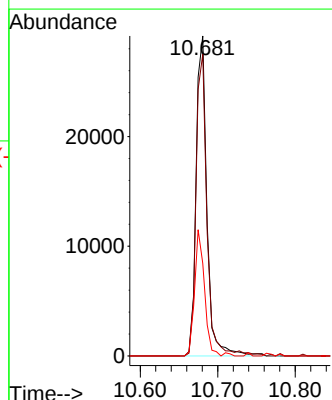
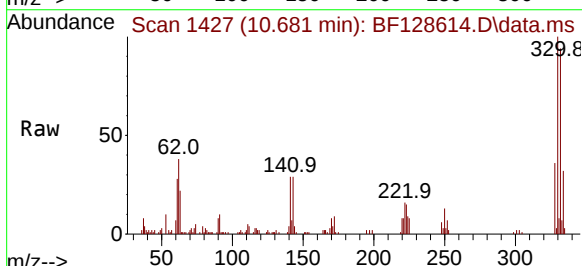
Tgt Ion:330 Resp: 28368

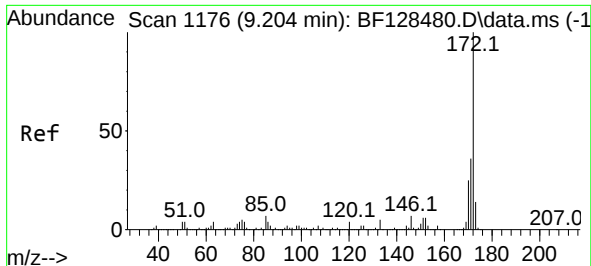
Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

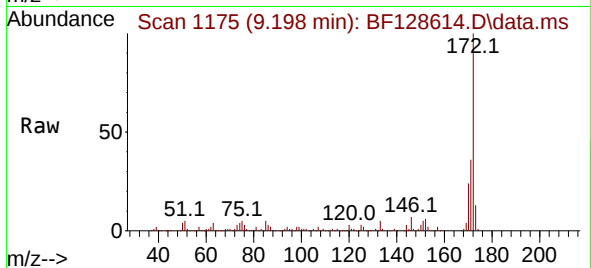
141 35.6 28.0 42.0



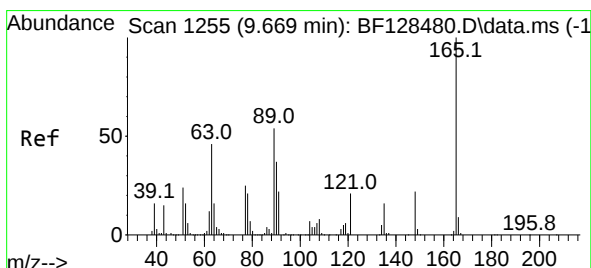
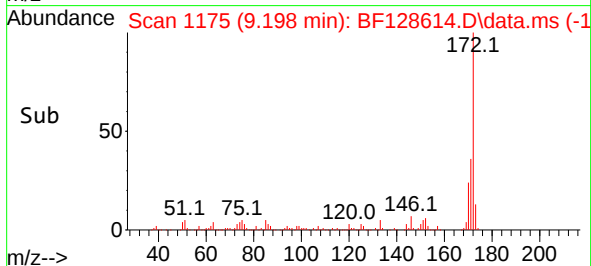
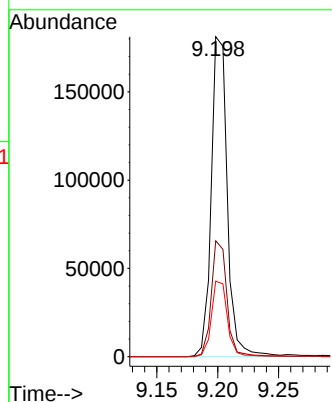


#45
2-Fluorobiphenyl
Concen: 16.540 ng
RT: 9.198 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01

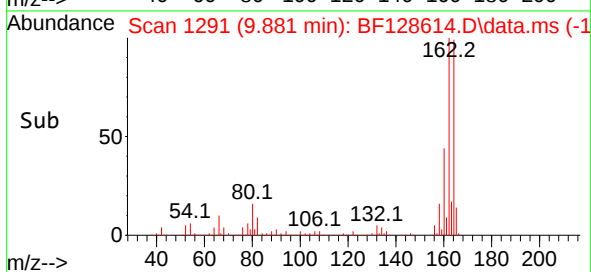
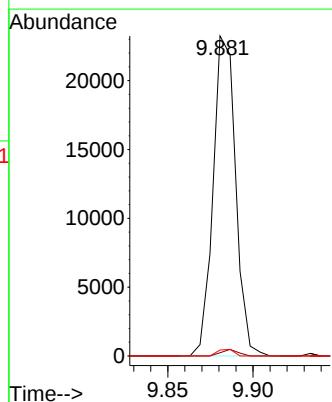
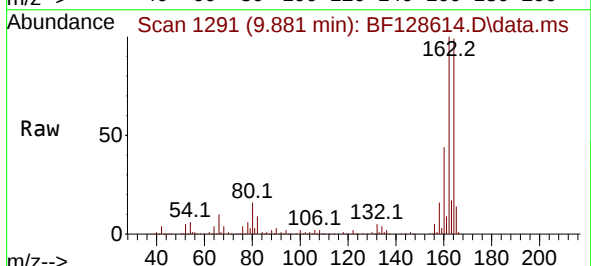


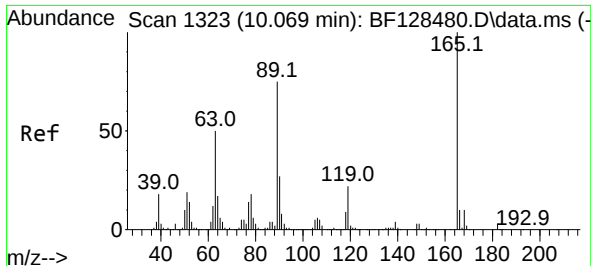
Tgt Ion:172 Resp: 166647
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.6 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 10.970 ng
RT: 9.881 min Scan# 1291
Delta R.T. 0.212 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion:165 Resp: 21347
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.9 43.6 65.4#

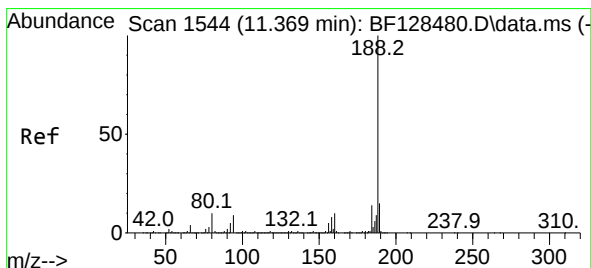
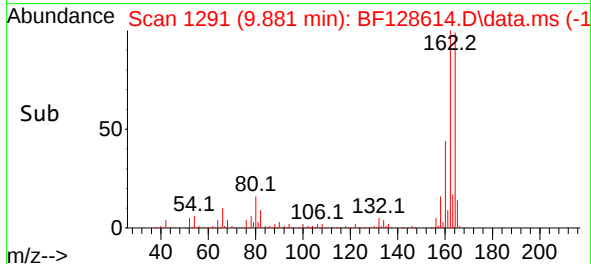
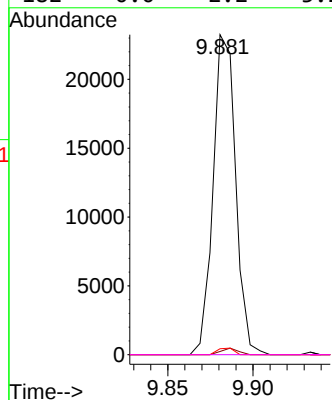
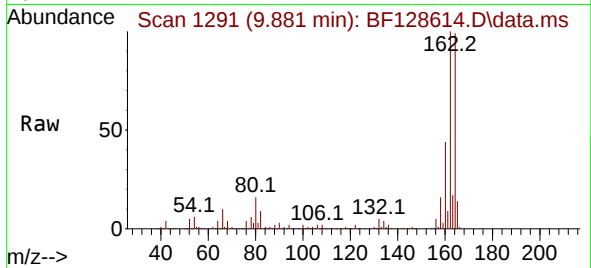




#57
2,4-Dinitrotoluene
Concen: 9.169 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

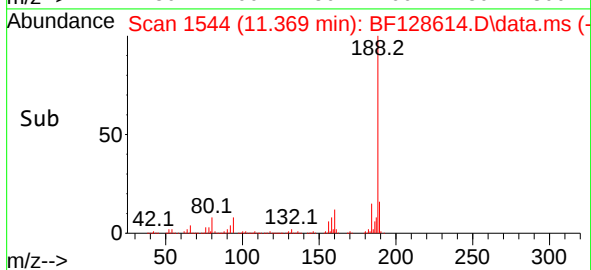
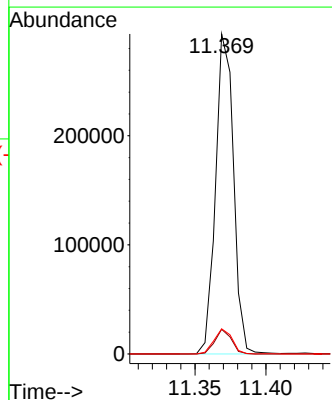
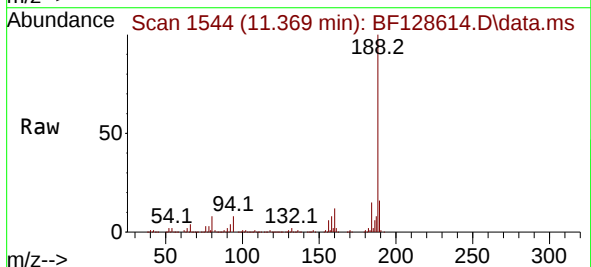
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BNA_F
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P037-SS002-0006-01

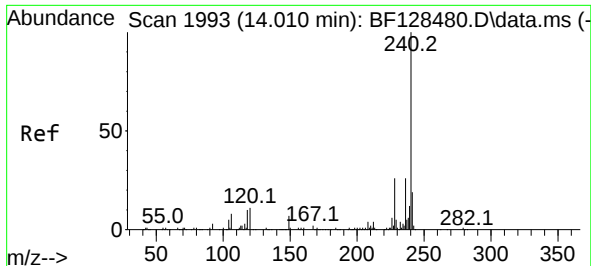
Tgt Ion:165 Resp: 21347
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Tgt Ion:188 Resp: 258065
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 7.8 7.6 11.4

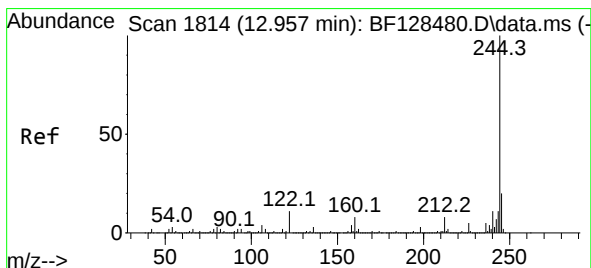
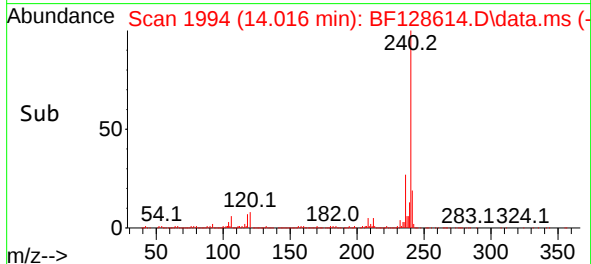
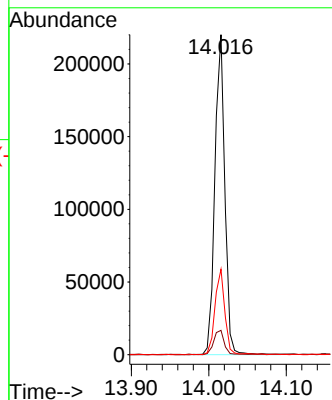
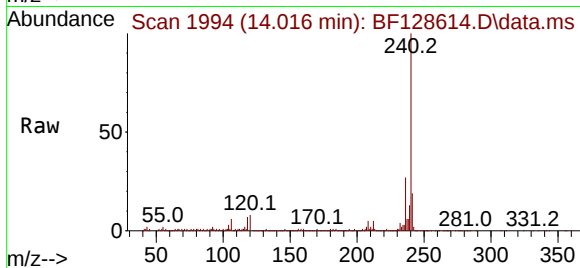




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

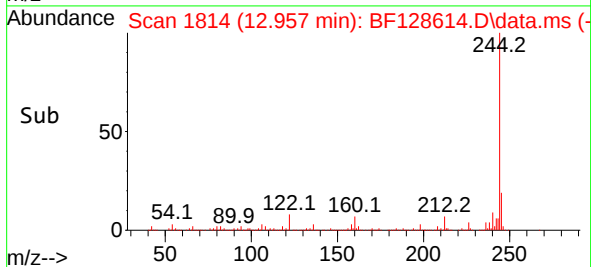
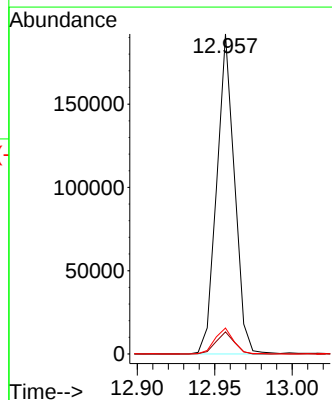
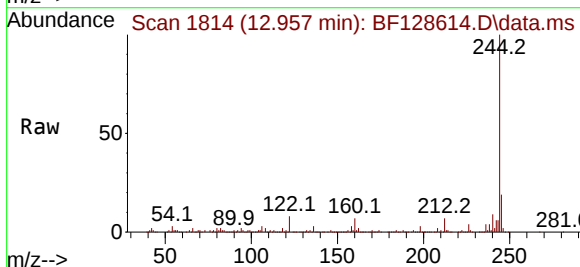
Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01

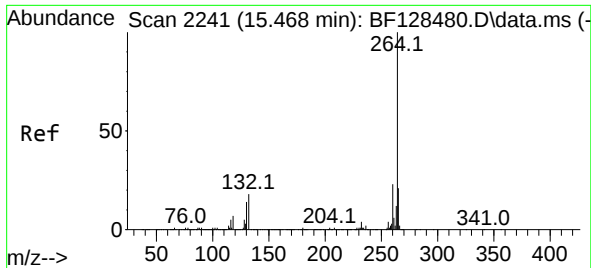
Tgt Ion:240 Resp: 196709
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 26.7 20.8 31.2



#79
Terphenyl-d14
Concen: 15.060 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

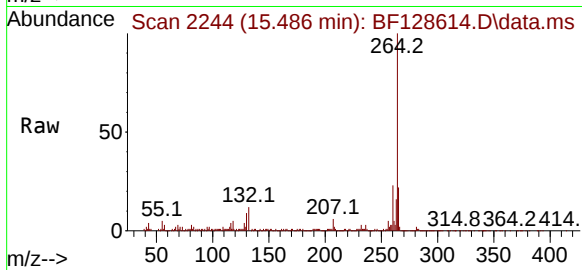
Tgt Ion:244 Resp: 153336
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 8.1 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF128614.D
Acq: 01 Jun 2022 01:06

Instrument :
BNA_F
ClientSampleId :
P037-SS002-0006-01



Tgt Ion:	264	Resp:	141334
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.4	27.6
265	22.3	17.2	25.8

