

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126454.D
 Acq On : 3 Jan 2022 14:10
 Operator : JU/CG
 Sample : M5244-09 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2D

Quant Time: Jan 03 14:38:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

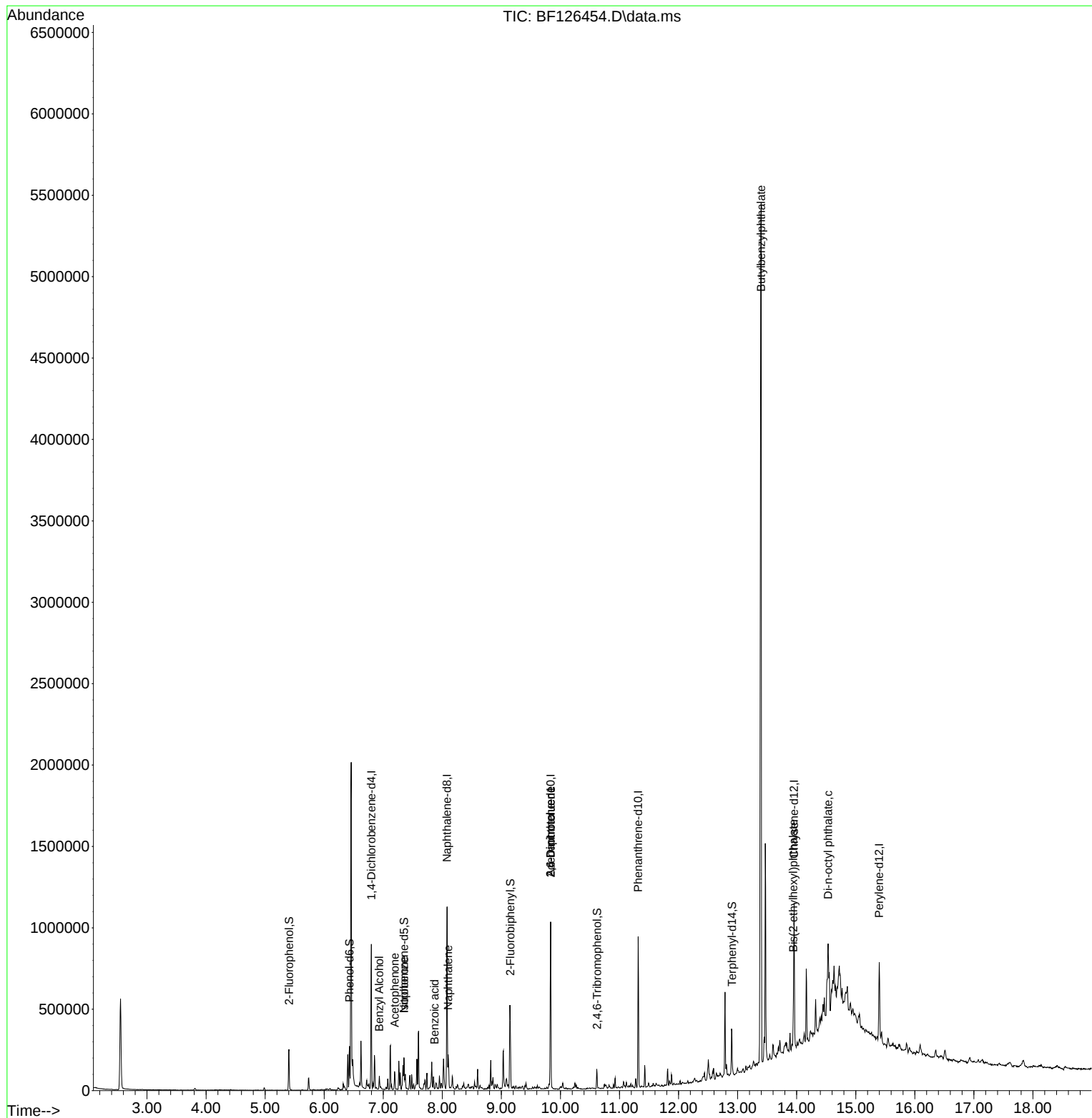
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	121997	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	448335	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	182294	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	305857	20.000	ng	0.00
76) Chrysene-d12	13.957	240	265704	20.000	ng	0.00
86) Perylene-d12	15.398	264	199081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	76160	8.965	ng	0.00
7) Phenol-d6	6.428	99	87443	7.947	ng	0.00
23) Nitrobenzene-d5	7.351	82	51764	5.928	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	12426	8.821	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	76409	7.376	ng	0.00
79) Terphenyl-d14	12.904	244	77715	5.683	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.933	79	15670	2.035	ng	93
22) Acetophenone	7.192	105	44598	4.303	ng	# 56
25) Isophorone	7.351	82	51763	3.312	ng	# 69
31) Naphthalene	8.098	128	45980	2.173	ng	98
32) Benzoic acid	7.869	122	282	7.131	ng	# 51
51) 2,6-Dinitrotoluene	9.833	165	23611	9.607	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	23611	7.446	ng	# 15
77) Benzidine	12.645	184	1064	Below Cal		# 1
80) Butylbenzylphthalate	13.398	149	1585038	159.301	ng	# 97
84) Bis(2-ethylhexyl)phtha...	13.945	149	53983	5.235	ng	99
85) Di-n-octyl phthalate	14.533	149	216245	12.092	ng	# 51

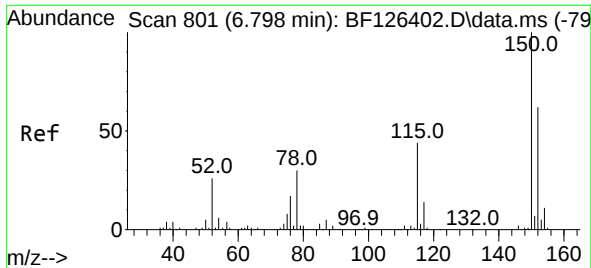
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

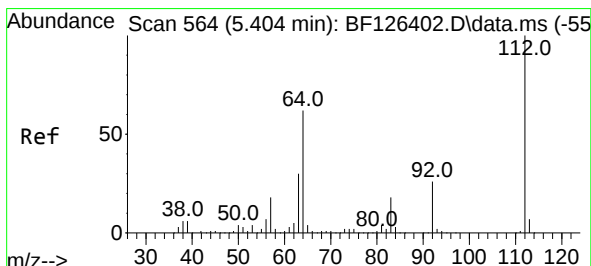
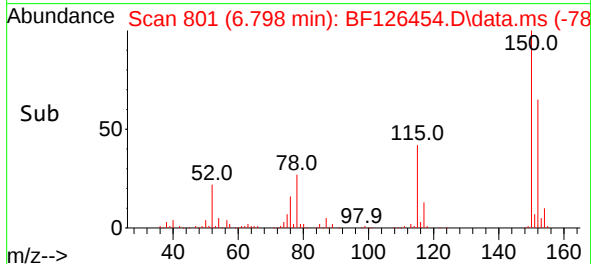
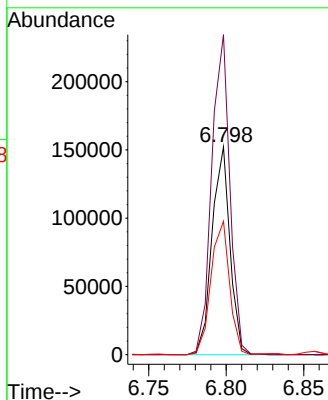
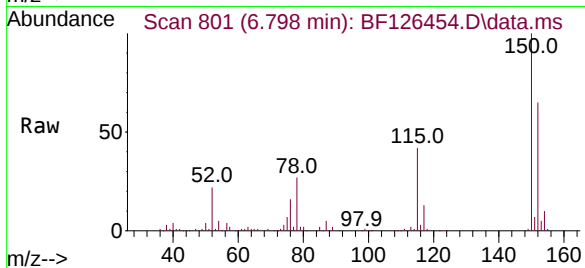




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

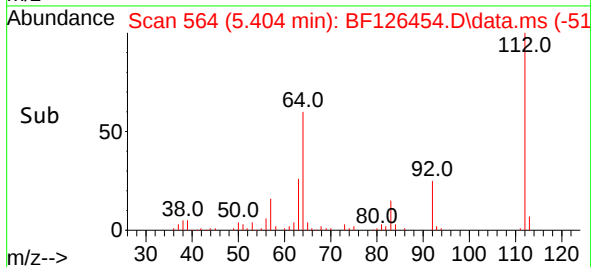
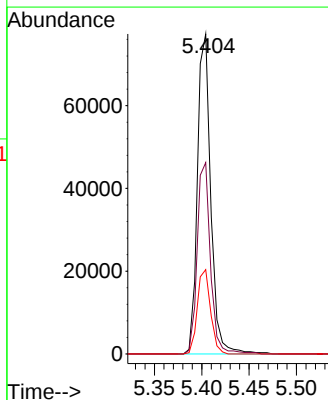
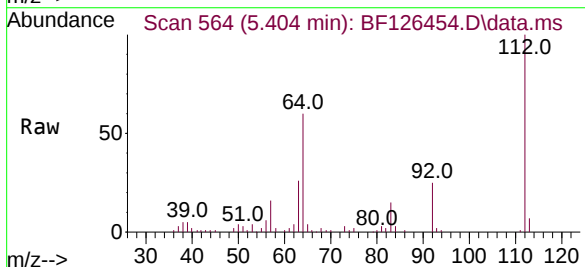
Instrument :
BNA_F
ClientSampleId :
CONC-2D

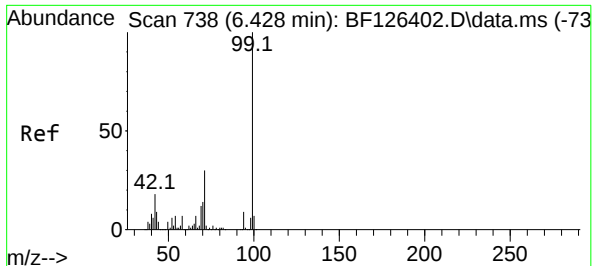
Tgt Ion:152 Resp: 121997
Ion Ratio Lower Upper
152 100
150 153.9 128.1 192.1
115 64.1 56.7 85.1



#5
2-Fluorophenol
Concen: 8.965 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Tgt Ion:112 Resp: 76160
Ion Ratio Lower Upper
112 100
64 59.8 49.5 74.3
63 26.4 23.9 35.9





#7
Phenol-d6
Concen: 7.947 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

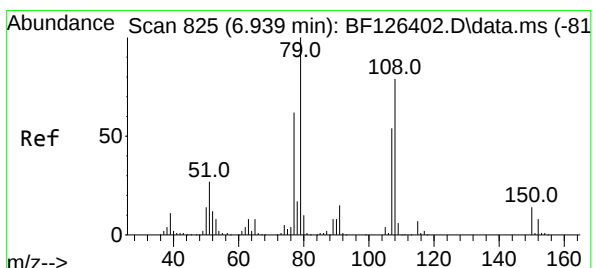
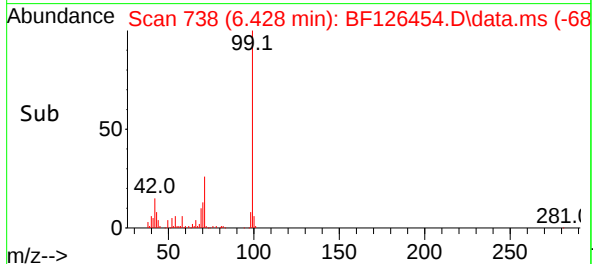
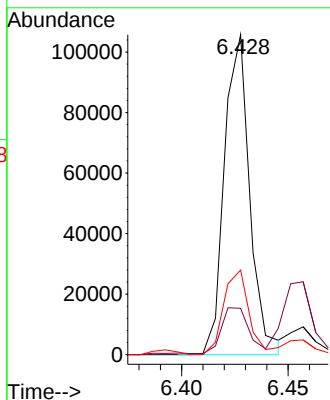
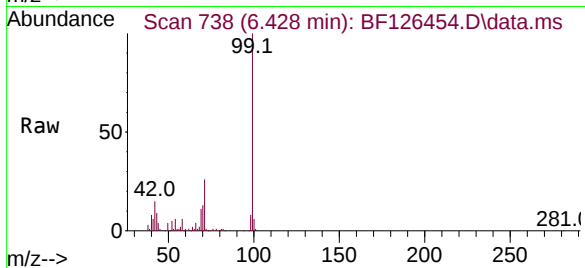
Instrument :

BNA_F

ClientSampleId :

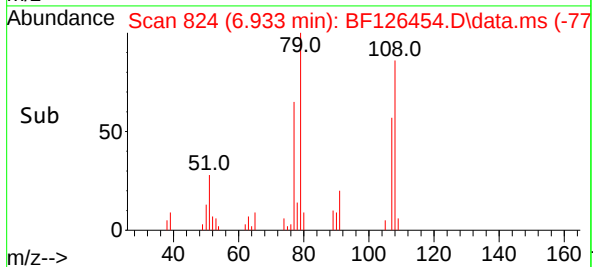
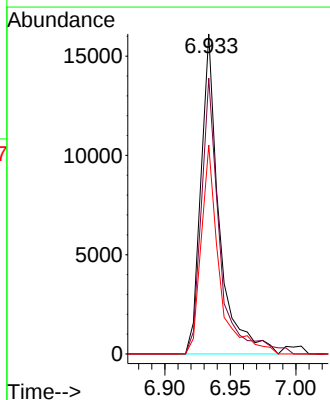
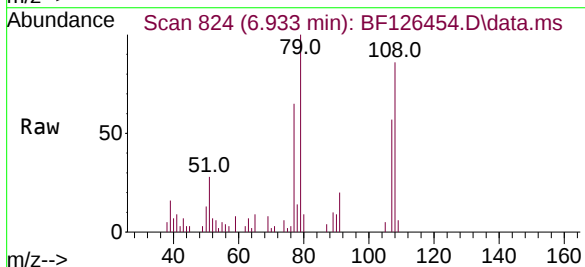
CONC-2D

Tgt Ion: 99 Resp: 87443
Ion Ratio Lower Upper
99 100
42 14.5 14.2 21.4
71 26.4 24.3 36.5



#15
Benzyl Alcohol
Concen: 2.035 ng
RT: 6.933 min Scan# 824
Delta R.T. -0.006 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Tgt Ion: 79 Resp: 15670
Ion Ratio Lower Upper
79 100
108 86.2 63.2 94.8
77 65.3 49.4 74.2

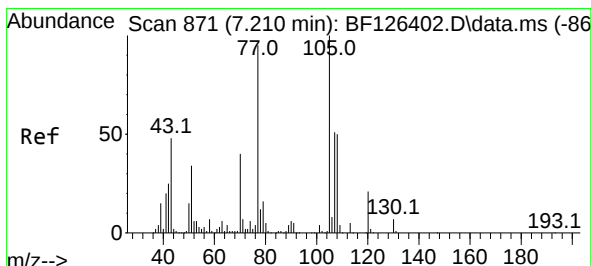
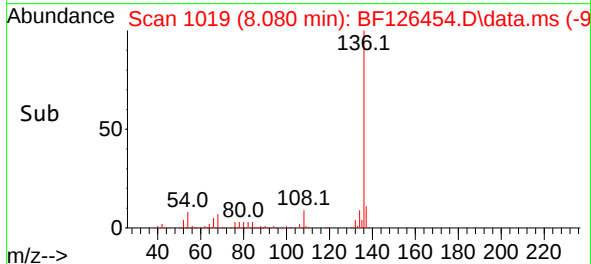
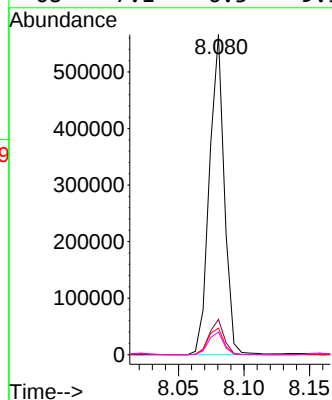
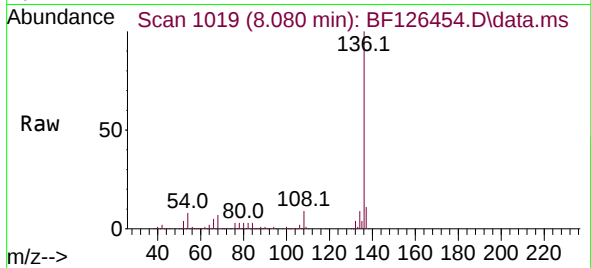




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

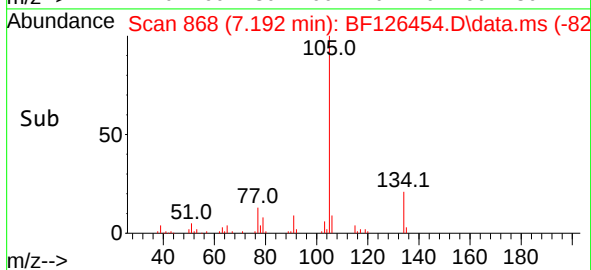
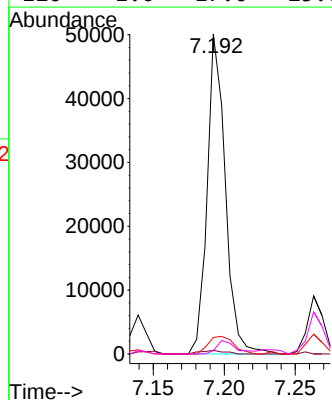
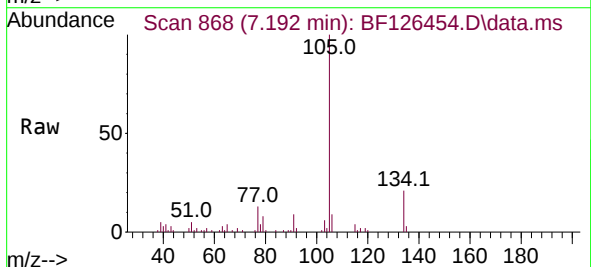
Instrument :
BNA_F
ClientSampleId :
CONC-2D

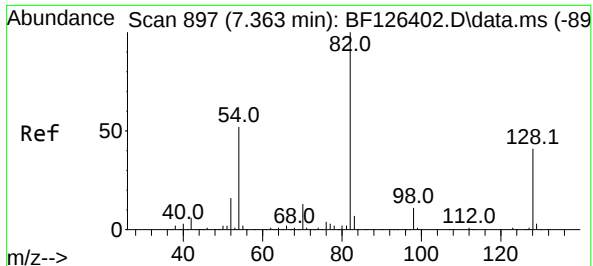
Tgt Ion:136 Resp: 448335
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.3 7.8 11.6
68 7.1 6.3 9.5



#22
Acetophenone
Concen: 4.303 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Tgt Ion:105 Resp: 44598
Ion Ratio Lower Upper
105 100
71 1.2 5.4 8.0#
51 5.2 27.4 41.0#
120 1.0 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 5.928 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF126454.D

Acq: 3 Jan 2022 14:10

Instrument :

BNA_F

ClientSampleId :

CONC-2D

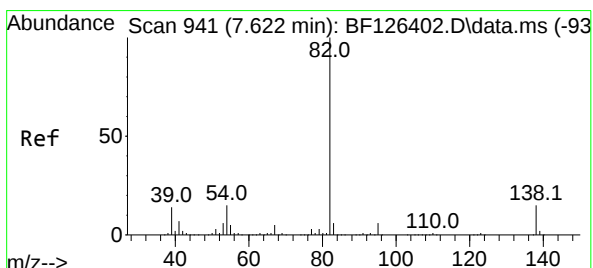
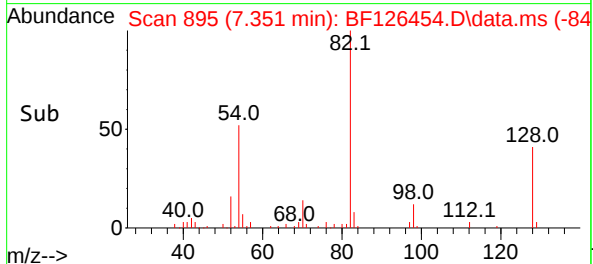
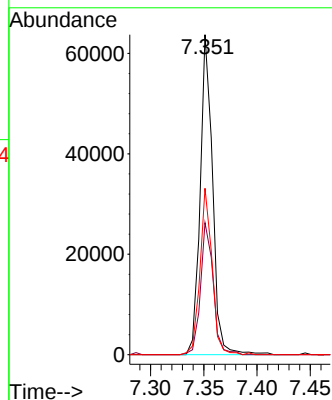
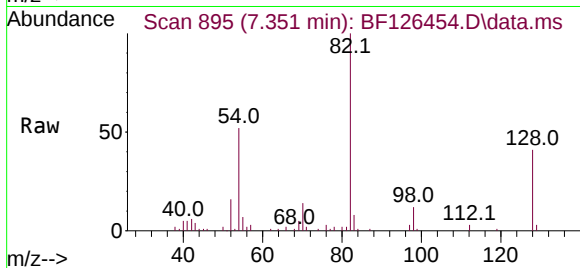
Tgt Ion: 82 Resp: 51764

Ion Ratio Lower Upper

82 100

128 41.3 32.7 49.1

54 52.0 41.7 62.5



#25

Isophorone

Concen: 3.312 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.271 min

Lab File: BF126454.D

Acq: 3 Jan 2022 14:10

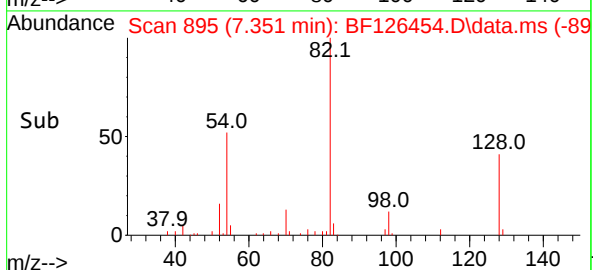
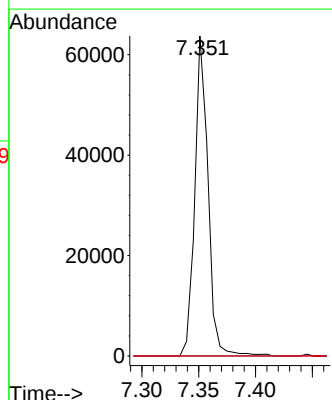
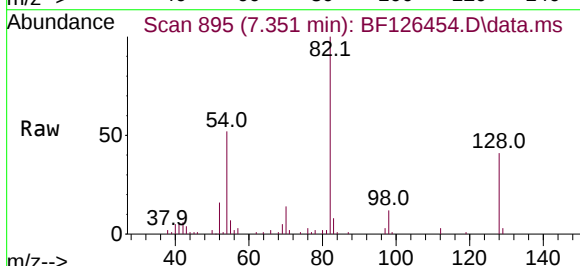
Tgt Ion: 82 Resp: 51763

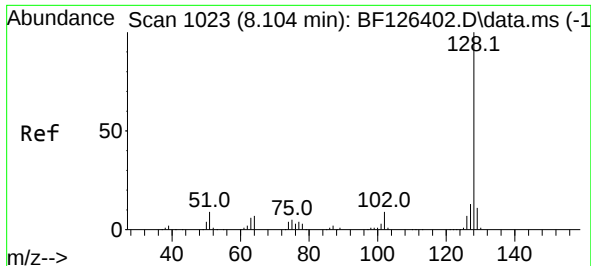
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

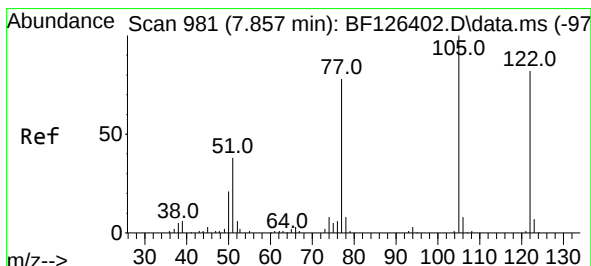
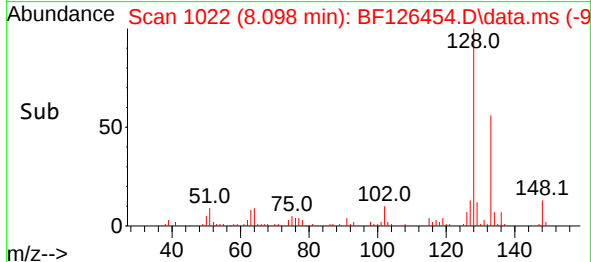
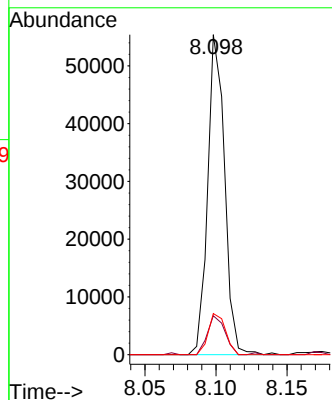
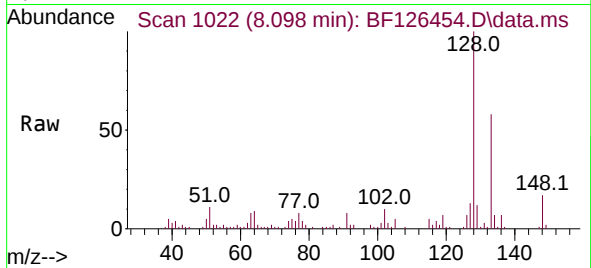




#31
Naphthalene
Concen: 2.173 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

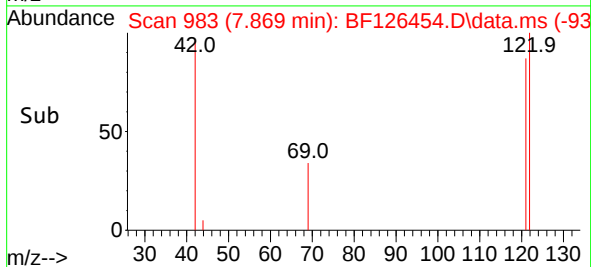
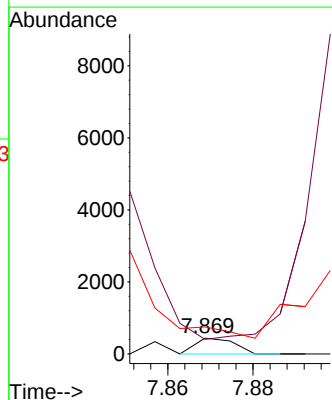
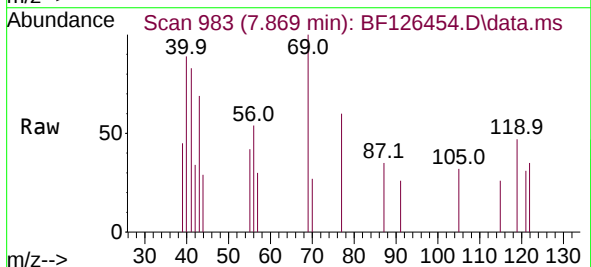
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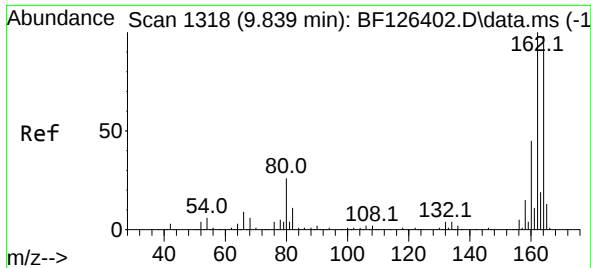
Tgt Ion:128 Resp: 45980
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 7.131 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Tgt Ion:122 Resp: 282
Ion Ratio Lower Upper
122 100
105 91.8 101.0 141.0#
77 171.3 74.5 114.5#

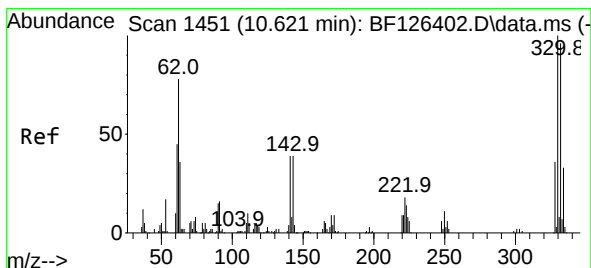
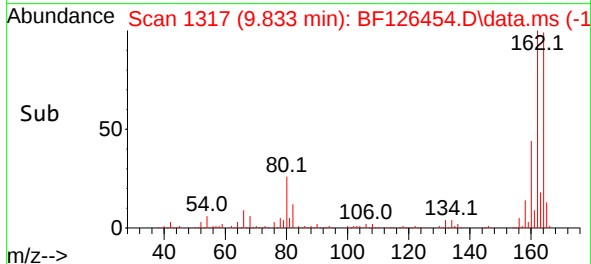
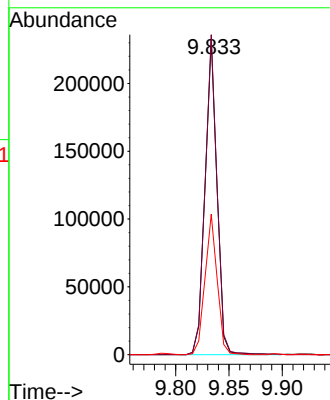
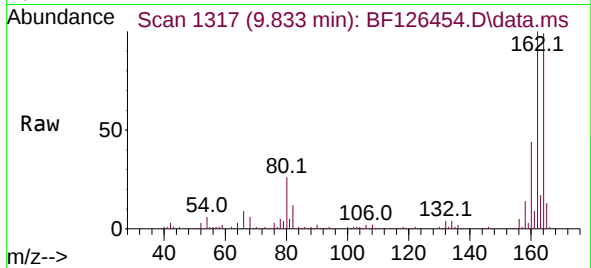




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

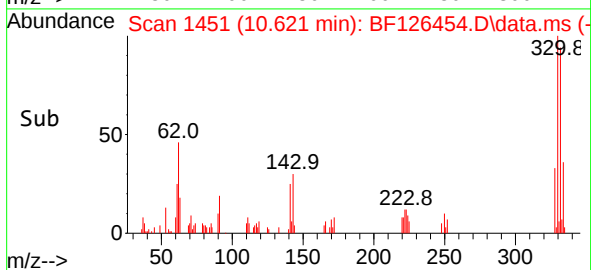
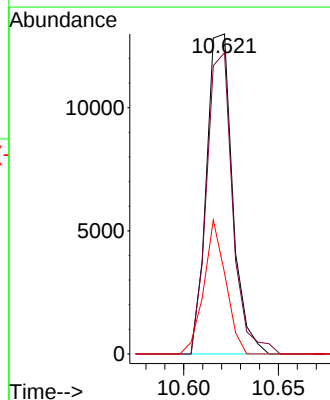
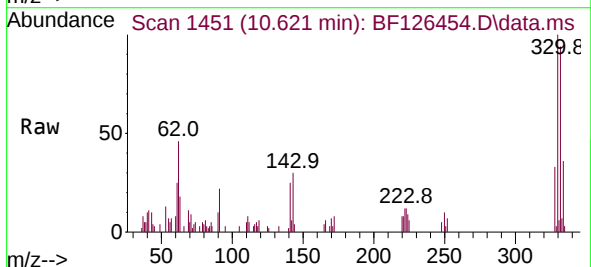
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BNA_F
ClientSampleId :
CONC-2D

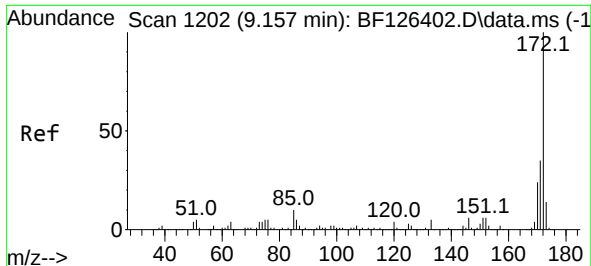
Tgt Ion:164 Resp: 182294
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 8.821 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Tgt Ion:330 Resp: 12426
Ion Ratio Lower Upper
330 100
332 94.3 76.0 114.0
141 35.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 7.376 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126454.D

Acq: 3 Jan 2022 14:10

Instrument :

BNA_F

ClientSampleId :

CONC-2D

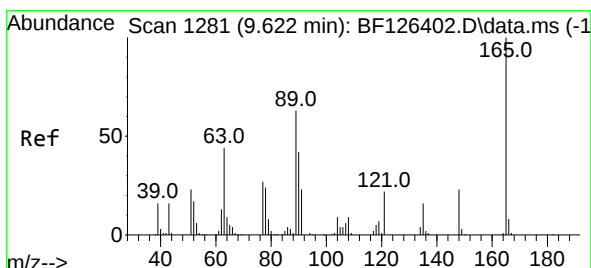
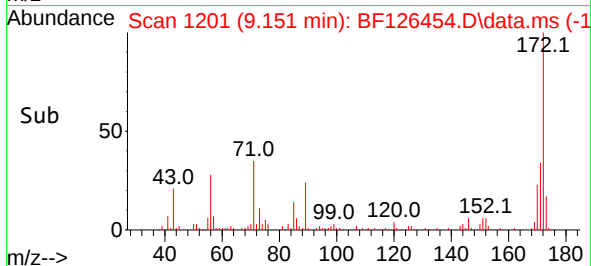
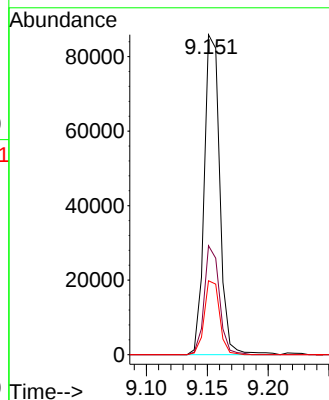
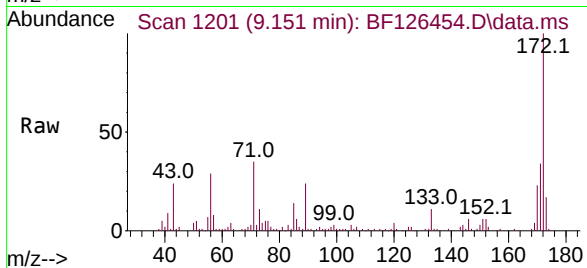
Tgt Ion:172 Resp: 76409

Ion Ratio Lower Upper

172 100

171 34.1 28.3 42.5

170 23.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.607 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126454.D

Acq: 3 Jan 2022 14:10

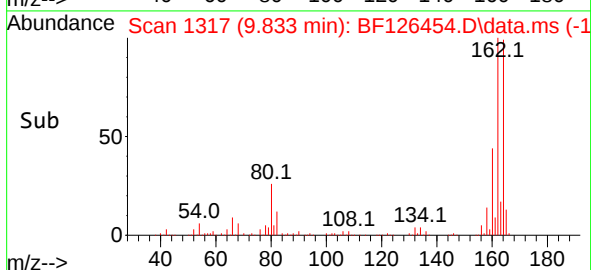
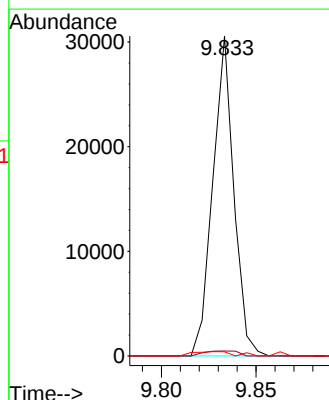
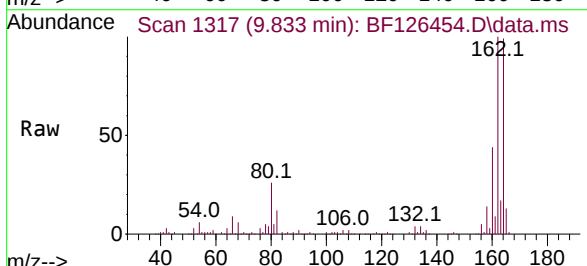
Tgt Ion:165 Resp: 23611

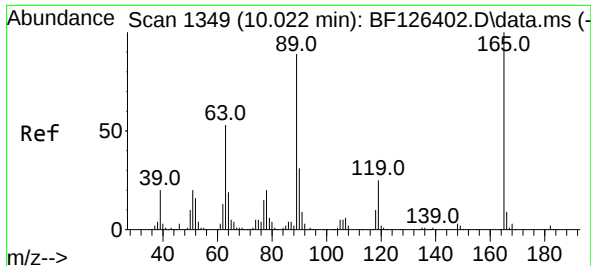
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

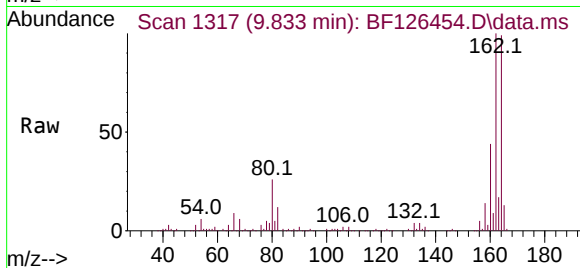
89 1.3 50.5 75.7#



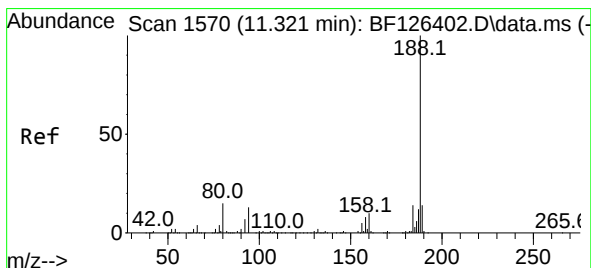
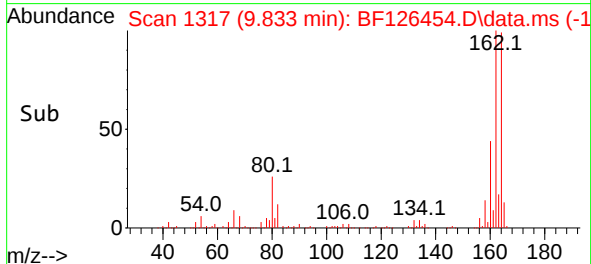
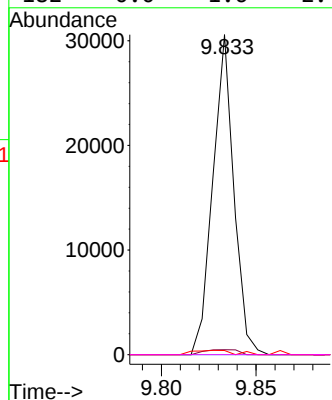


#57
2,4-Dinitrotoluene
Concen: 7.446 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Instrument :
BNA_F
ClientSampleId :
CONC-2D

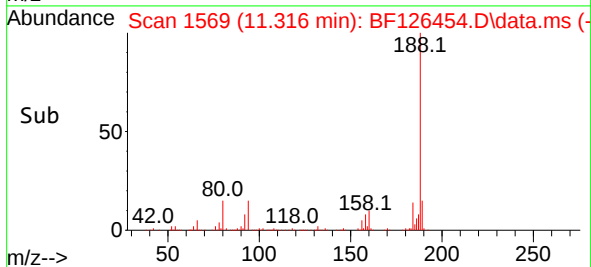
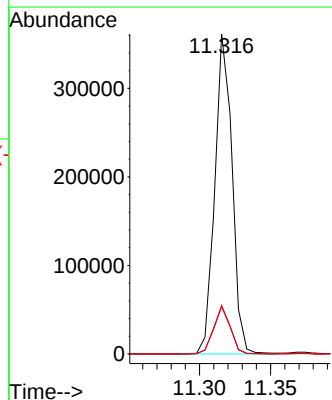
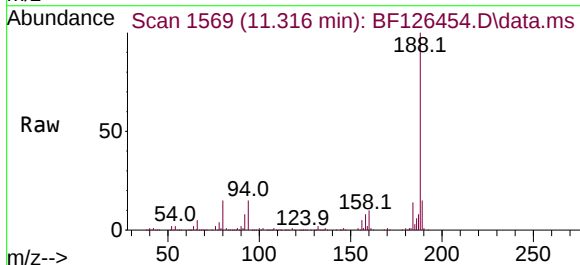


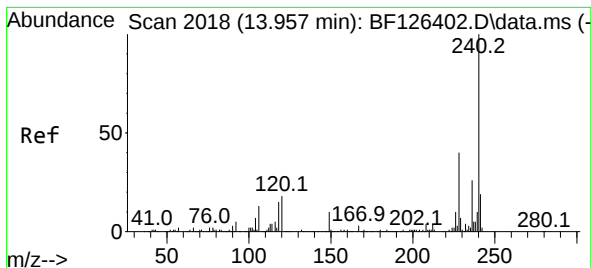
Tgt Ion:165 Resp: 23611
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Tgt Ion:188 Resp: 305857
Ion Ratio Lower Upper
188 100
94 14.8 10.1 15.1
80 15.2 11.8 17.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF126454.D

Acq: 3 Jan 2022 14:10

Instrument :

BNA_F

ClientSampleId :

CONC-2D

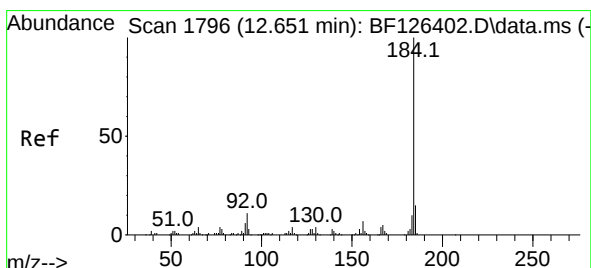
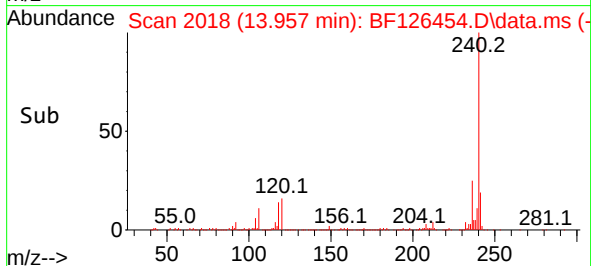
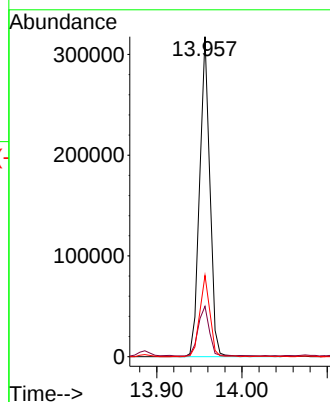
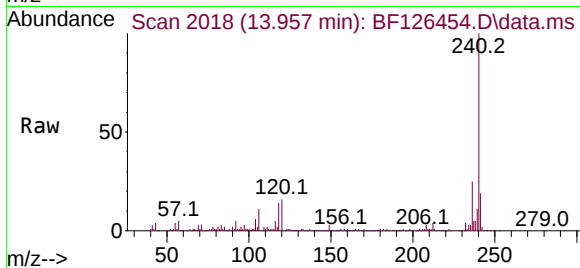
Tgt Ion:240 Resp: 265704

Ion Ratio Lower Upper

240 100

120 15.8 14.4 21.6

236 25.4 20.5 30.7



#77

Benzidine

Concen: Below Cal

RT: 12.645 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF126454.D

Acq: 3 Jan 2022 14:10

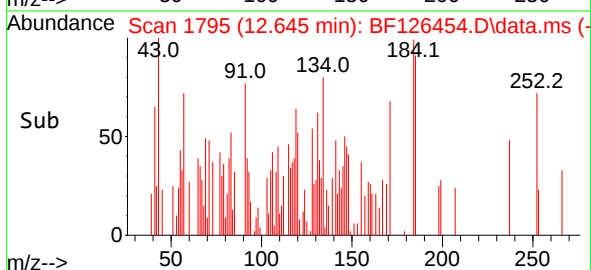
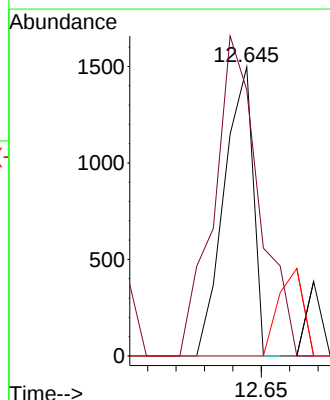
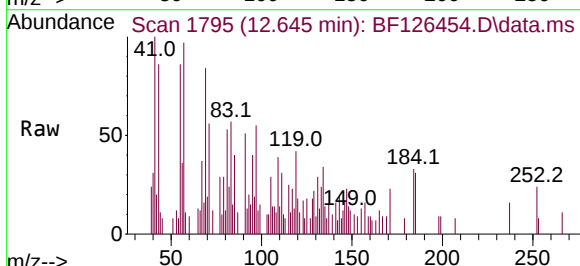
Tgt Ion:184 Resp: 1064

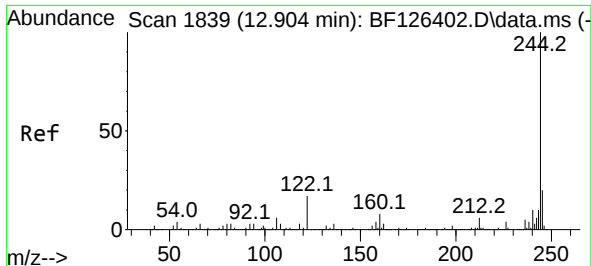
Ion Ratio Lower Upper

184 100

185 92.1 11.8 17.8#

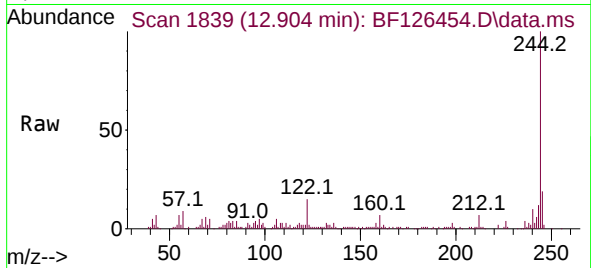
183 0.0 8.2 12.2#



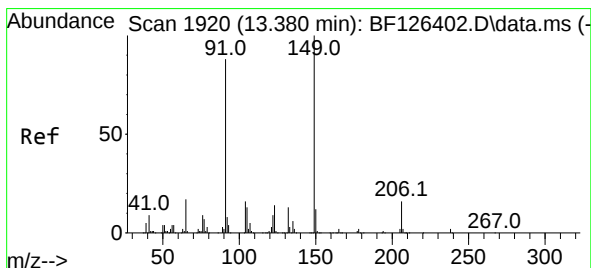
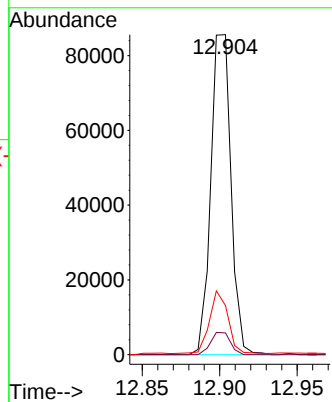
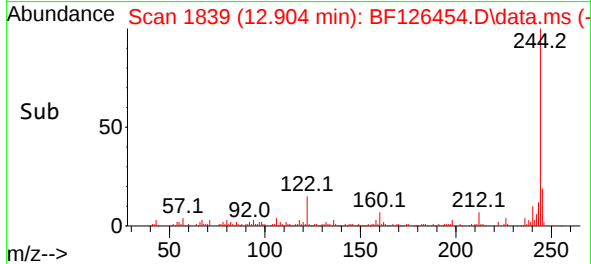


#79
 Terphenyl-d14
 Concen: 5.683 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF126454.D
 Acq: 3 Jan 2022 14:10

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2D

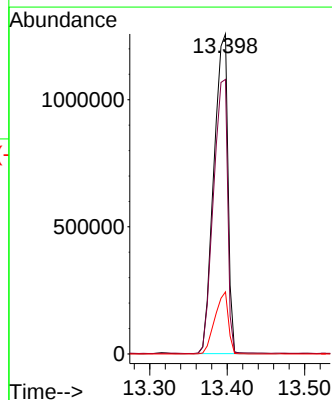
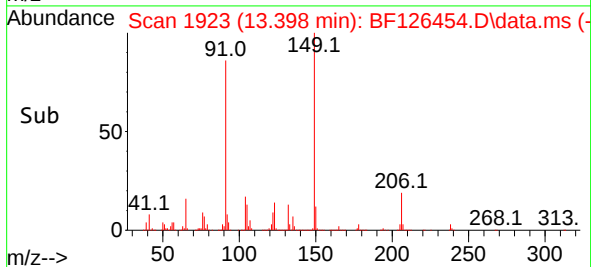
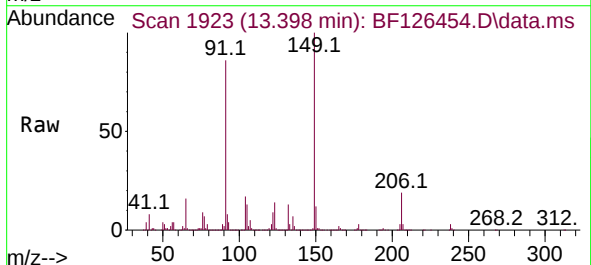


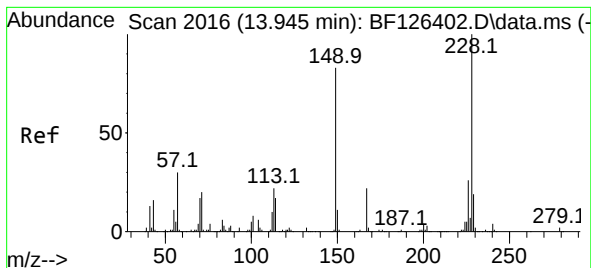
Tgt Ion:244 Resp: 77715
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 15.3 13.3 19.9



#80
 Butylbenzylphthalate
 Concen: 159.301 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. 0.018 min
 Lab File: BF126454.D
 Acq: 3 Jan 2022 14:10

Tgt Ion:149 Resp: 1585038
 Ion Ratio Lower Upper
 149 100
 91 85.8 70.5 105.7
 206 19.4 12.6 19.0#

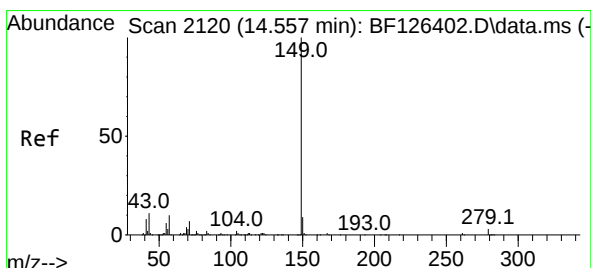
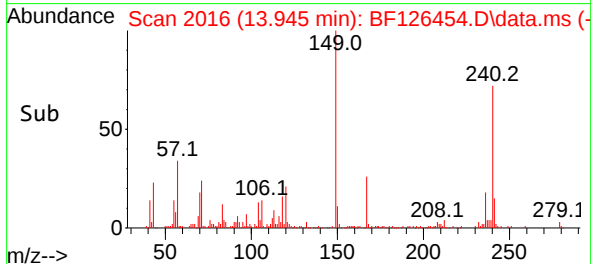
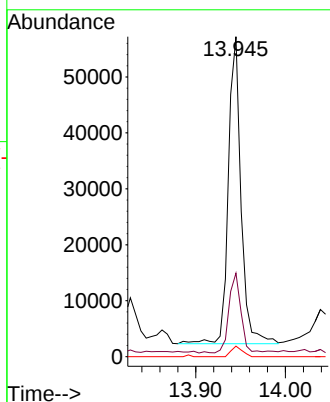
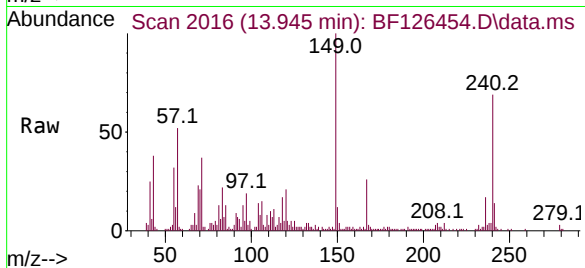




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.235 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

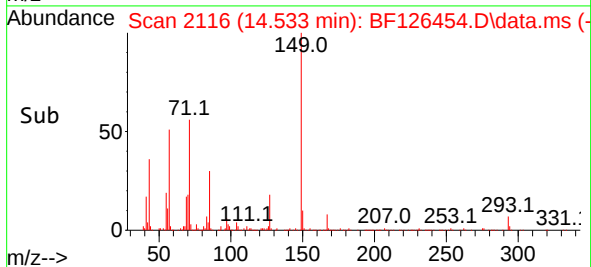
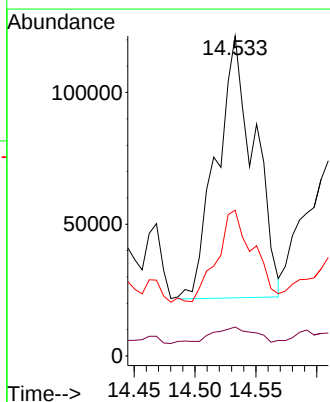
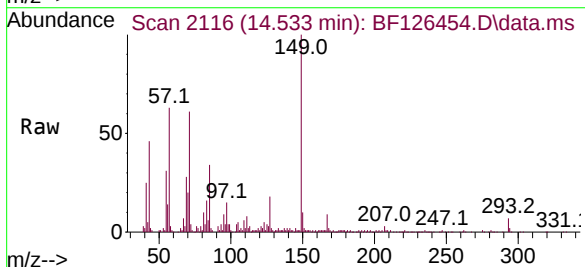
Instrument :
BNA_F
ClientSampleId :
CONC-2D

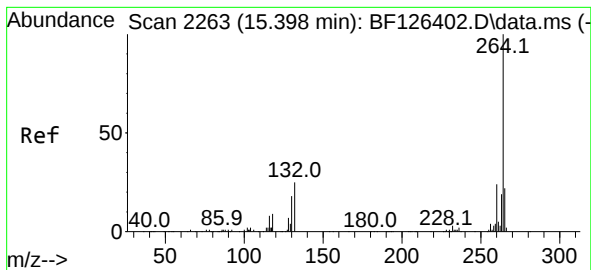
Tgt Ion:149 Resp: 53983
Ion Ratio Lower Upper
149 100
167 26.1 21.4 32.2
279 3.3 2.4 3.6



#85
Di-n-octyl phthalate
Concen: 12.092 ng
RT: 14.533 min Scan# 2116
Delta R.T. -0.024 min
Lab File: BF126454.D
Acq: 3 Jan 2022 14:10

Tgt Ion:149 Resp: 216245
Ion Ratio Lower Upper
149 100
167 7.5 1.1 1.7#
43 33.1 9.9 14.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126454.D

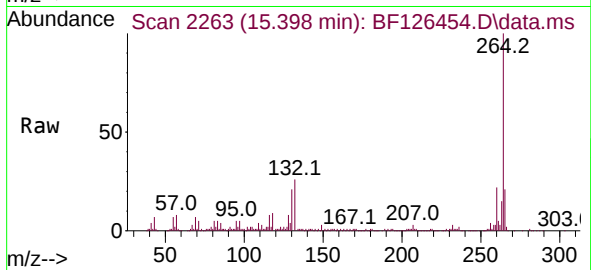
Acq: 3 Jan 2022 14:10

Instrument :

BNA_F

ClientSampleId :

CONC-2D



Tgt Ion:264 Resp: 199081

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 20.7 17.4 26.2

