

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126995.D
 Acq On : 22 Feb 2022 01:28
 Operator : CG\JU
 Sample : N1602-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220084A-AMEDNDED-BERKELEY-8A-COMP

Quant Time: Feb 22 03:55:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

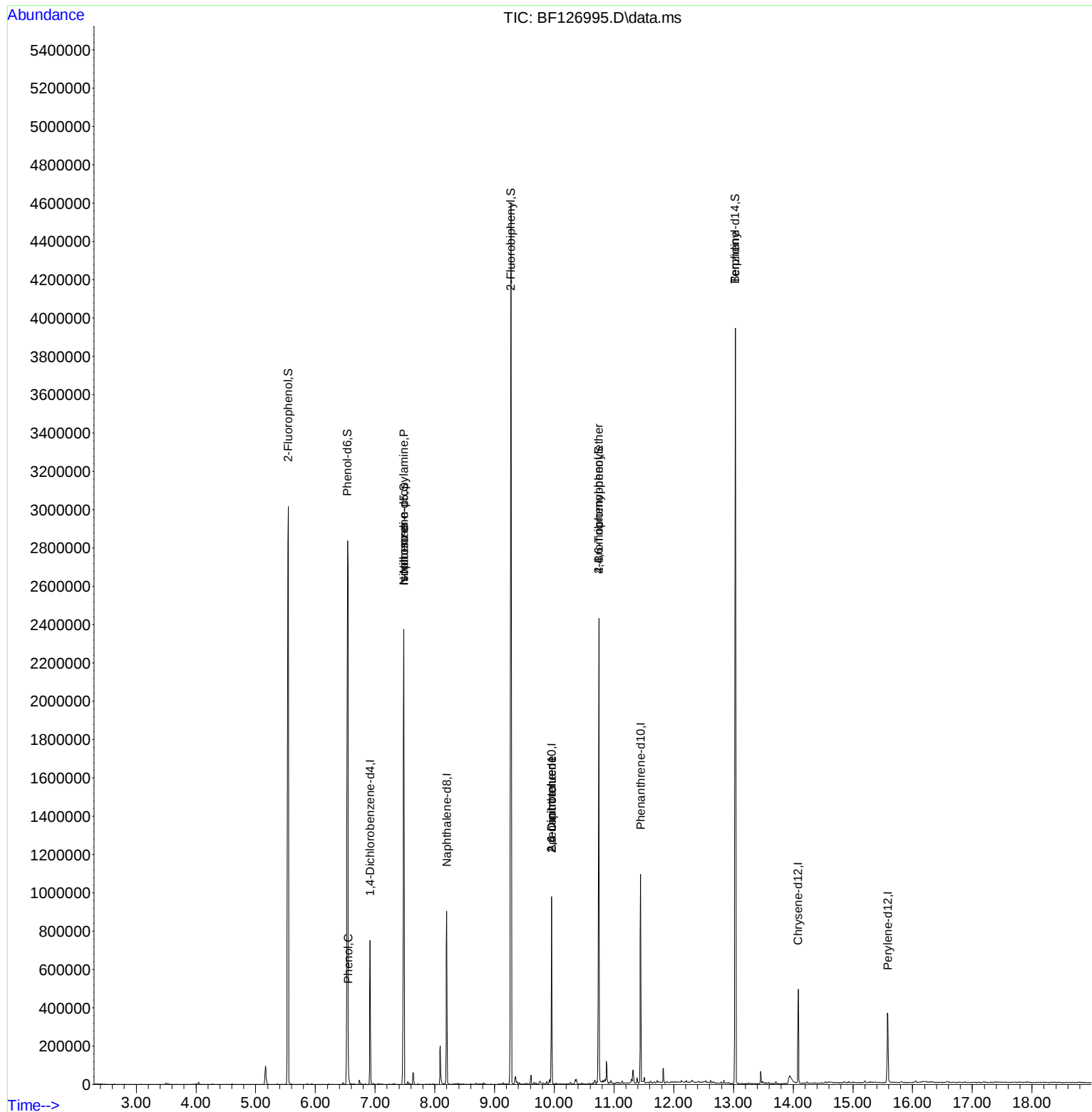
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	89292	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	362543	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	190377	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	336903	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	153910	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	165384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	827998	143.320	ng	0.00
7) Phenol-d6	6.539	99	1147007	147.135	ng	0.00
23) Nitrobenzene-d5	7.481	82	805660	100.306	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	260559	118.872	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1289190	99.691	ng	0.00
79) Terphenyl-d14	13.033	244	1286010	122.831	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.551	94	18093	2.297	ng	75
19) n-Nitroso-di-n-propyla...	7.481	70	111939	22.284	ng	# 78
25) Isophorone	7.481	82	804425	60.525	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	25361	9.160	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	25361	6.775	ng	# 16
67) 4-Bromophenyl-phenylether	10.745	248	15129	4.019	ng	# 1
77) Benzidine	13.033	184	19069	4.559	ng	# 96

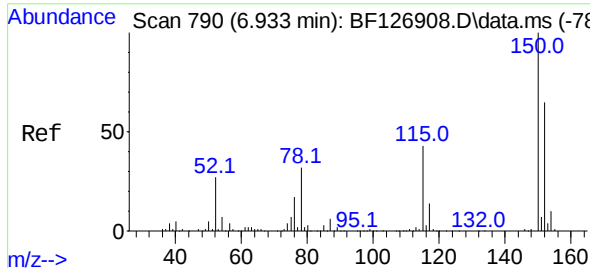
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
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QLast Update : Mon Feb 21 13:16:57 2022
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1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.916 min Scan#

Delta R.T. -0.006 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

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20220084A-AMEDNDED-BERKELEY-8A-COMP

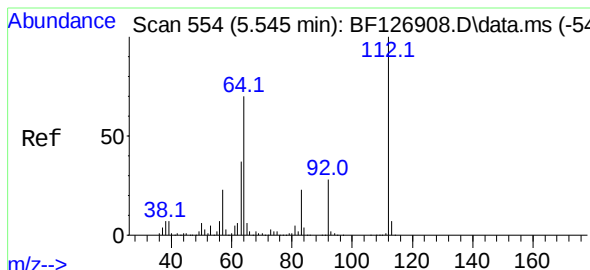
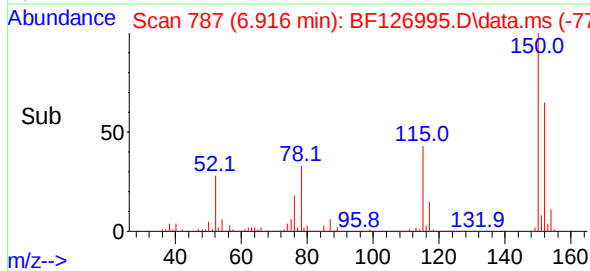
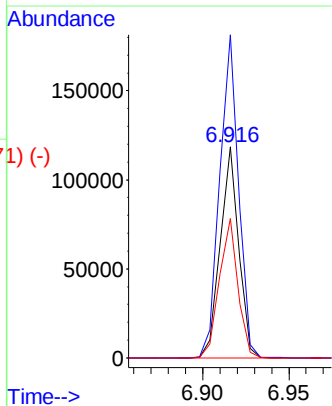
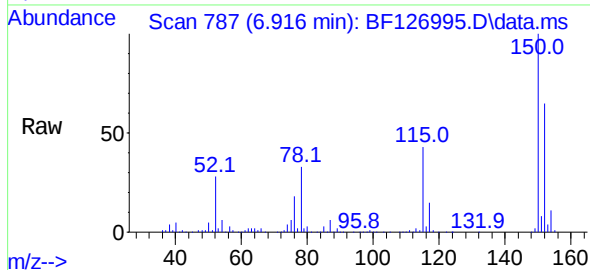
Tgt Ion:152 Resp: 89292

Ion Ratio Lower Upper

152 100

150 152.9 128.1 192.1

115 66.1 56.7 85.1



2-Fluorophenol

Concen: 143.320 ng

RT: 5.545 min Scan# 554

Delta R.T. 0.006 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

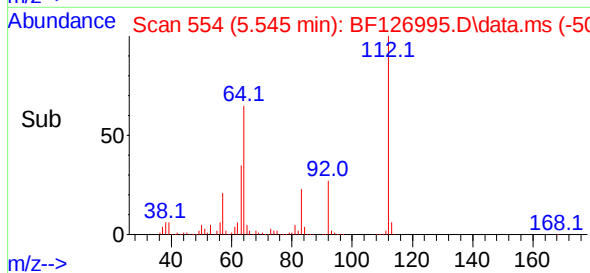
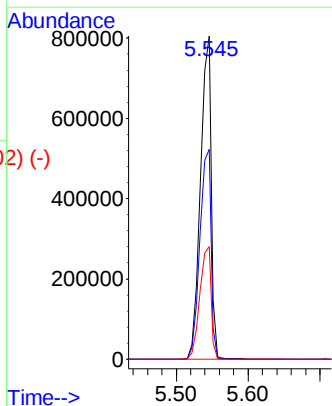
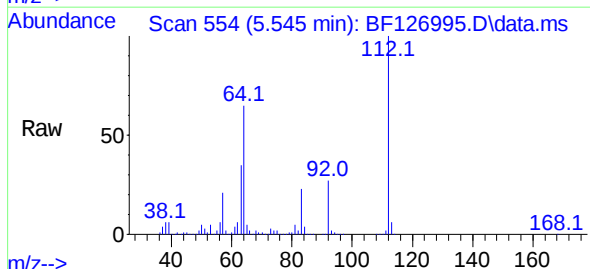
Tgt Ion:112 Resp: 827998

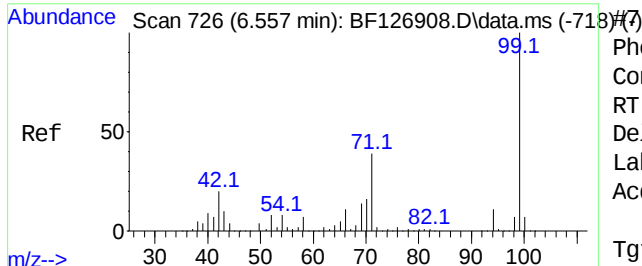
Ion Ratio Lower Upper

112 100

64 64.9 49.5 74.3

63 34.8 23.9 35.9





Phenol-d6
 Concen: 147.135 ng
 RT: 6.539 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Instrument :

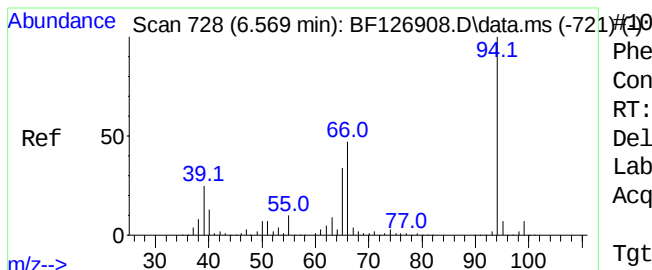
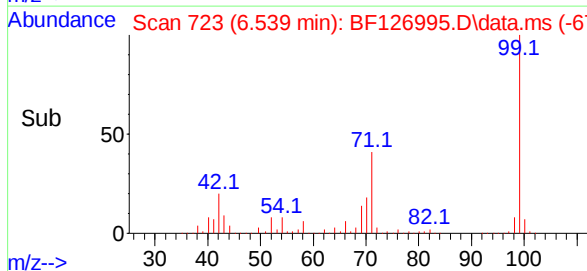
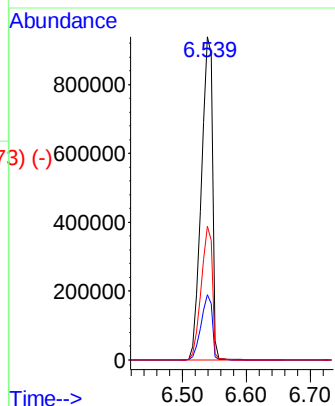
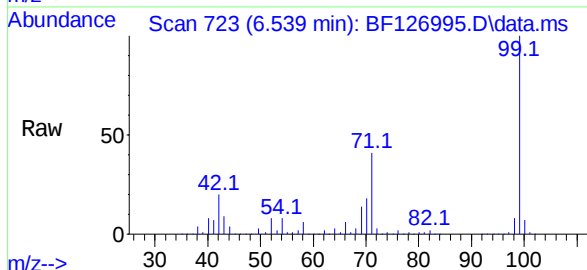
BNA_F

ClientSampleId :

20220084A-AMEDNDED-BERKELEY-8A-COMP

Tgt Ion: 99 Resp: 1147007

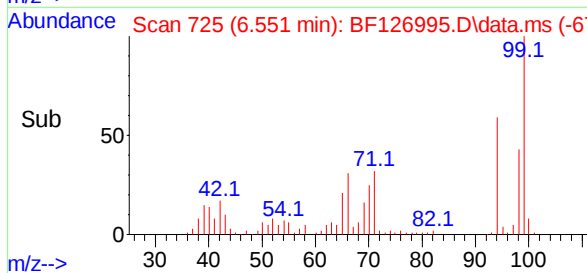
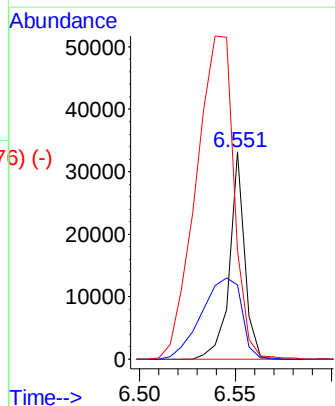
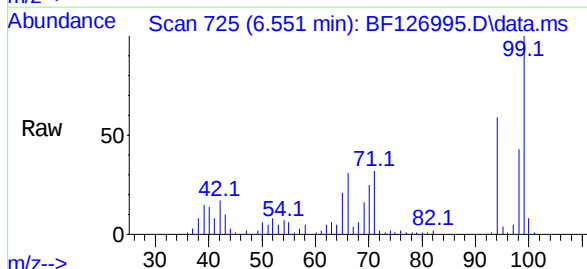
Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.2	21.4
71	41.3	24.3	36.5#

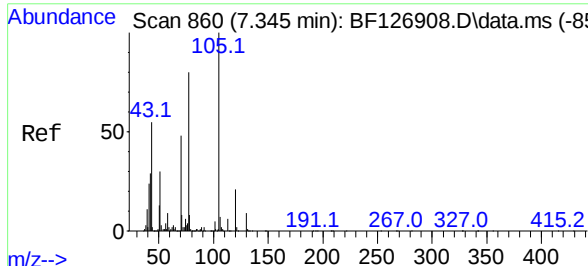


Phenol
 Concen: 2.297 ng
 RT: 6.551 min Scan# 725
 Delta R.T. -0.012 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Tgt Ion: 94 Resp: 18093

Ion	Ratio	Lower	Upper
94	100		
65	35.8	7.2	47.2
66	52.3	14.5	54.5

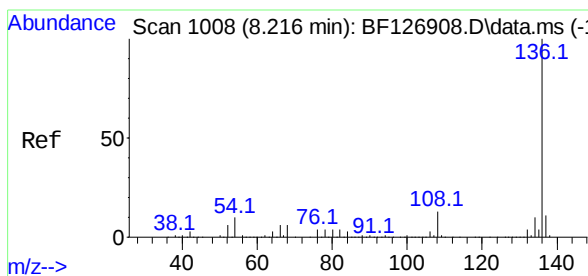
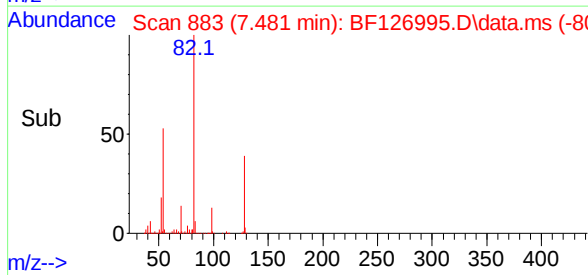
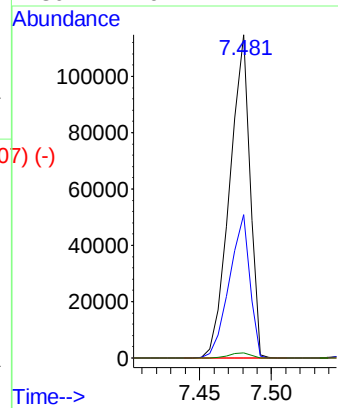
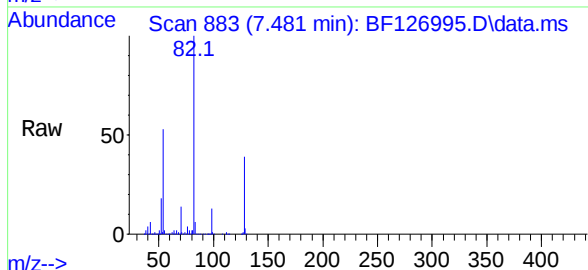




#19
 n-Nitroso-di-n-propylamine
 Concen: 22.284 ng
 RT: 7.481 min Scan# 883
 Delta R.T. 0.147 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

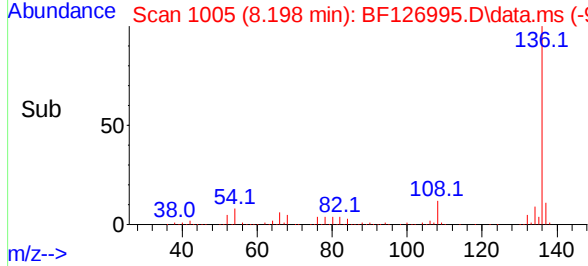
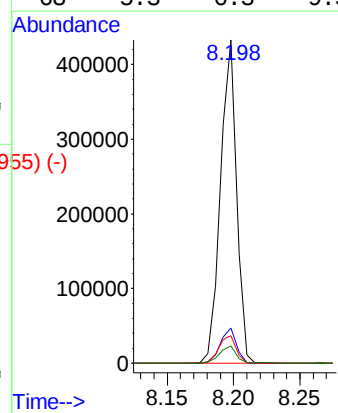
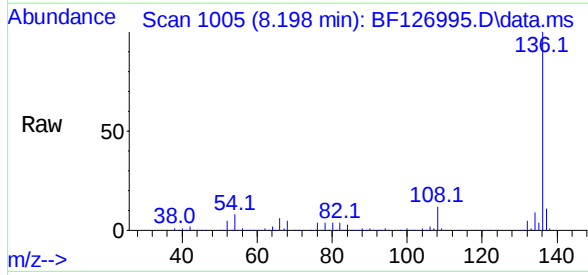
Instrument : BNA_F
 ClientSampleId : 20220084A-AMEDNDE-BERKELEY-8A-COMP

Tgt Ion:	70	Resp:	111939
Ion	Ratio	Lower	Upper
70	100		
42	44.3	45.8	68.8#
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.198 min Scan# 1005
 Delta R.T. -0.006 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Tgt Ion:	136	Resp:	362543
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	7.8	11.6
68	5.3	6.3	9.5#



Abundance Scan 886 (7.498 min): BF126908.D\data.ms (-880) #23

Nitrobenzene-d5

Concen: 100.306 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.012 min

Lab File: BF126995.D

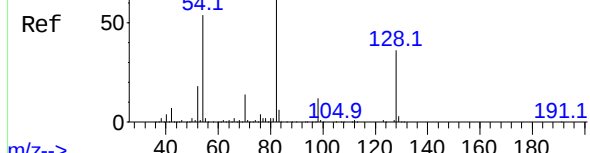
Acq: 22 Feb 2022 01:28

Instrument :

BNA_F

ClientSampleId :

20220084A-AMEDNDE-BERKELEY-8A-COMP



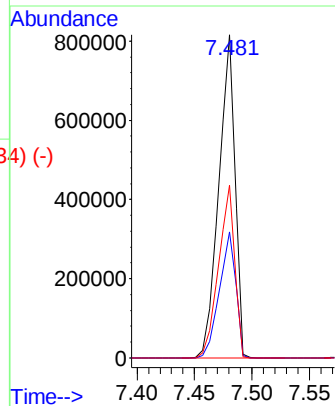
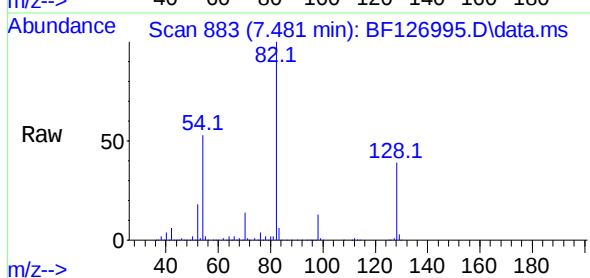
Tgt Ion: 82 Resp: 805660

Ion Ratio Lower Upper

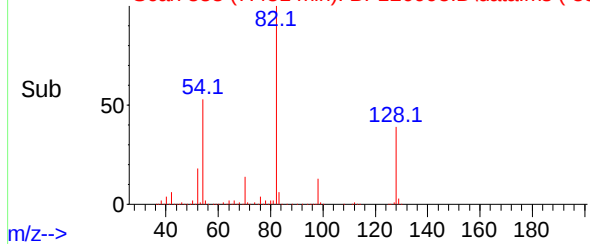
82 100

128 38.9 32.7 49.1

54 53.5 41.7 62.5



Abundance Scan 883 (7.481 min): BF126995.D\data.ms (-834) (-)



Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25

Isophorone

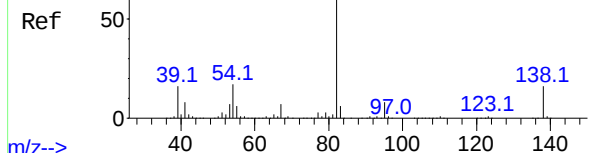
Concen: 60.525 ng

RT: 7.481 min Scan# 883

Delta R.T. -0.265 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28



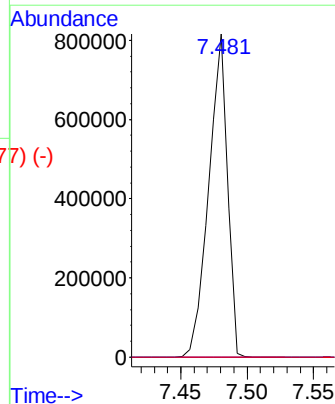
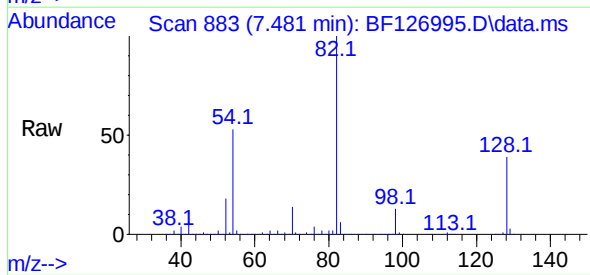
Tgt Ion: 82 Resp: 804425

Ion Ratio Lower Upper

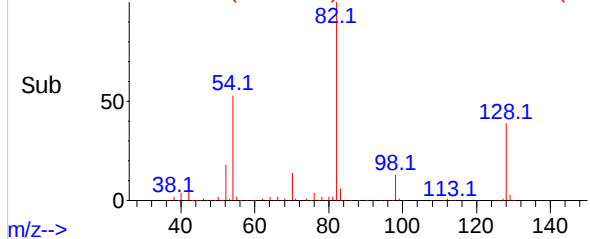
82 100

95 0.0 5.0 7.4#

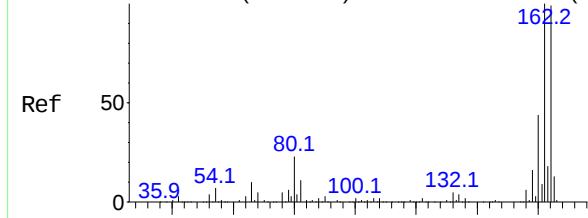
138 0.0 12.3 18.5#



Abundance Scan 883 (7.481 min): BF126995.D\data.ms (-877) (-)



Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1307.9)



Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan#

Delta R.T. -0.006 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

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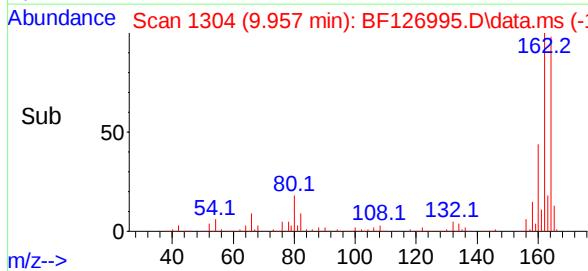
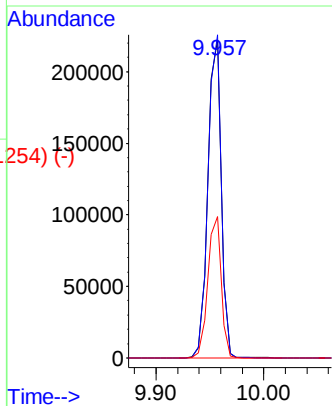
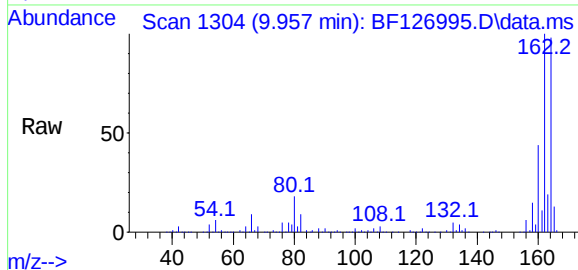
Tgt Ion:164 Resp: 190377

Ion Ratio Lower Upper

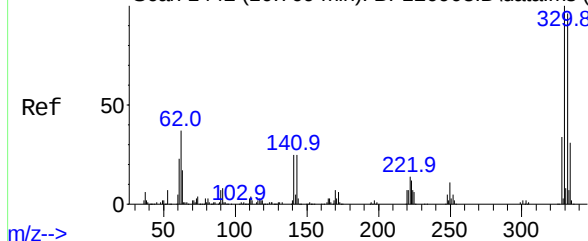
164 100

162 101.6 81.4 122.0

160 44.5 36.6 54.8



Abundance Scan 1442 (10.769 min): BF126908.D\data.ms (-1442.3)



2,4,6-Tribromophenol

Concen: 118.872 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF126995.D

Acq: 22 Feb 2022 01:28

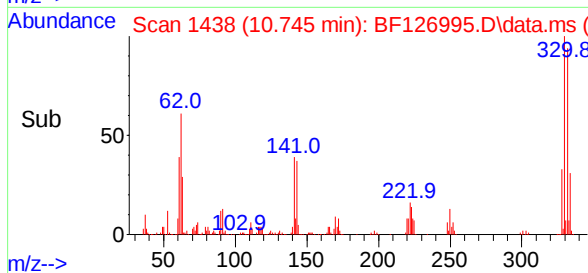
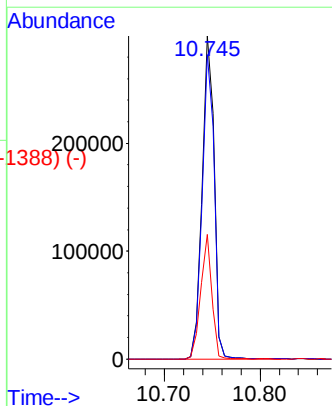
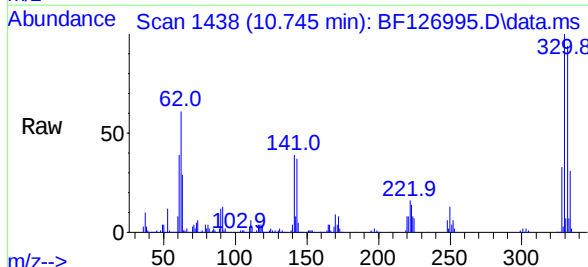
Tgt Ion:330 Resp: 260559

Ion Ratio Lower Upper

330 100

332 94.3 76.0 114.0

141 36.0 30.1 45.1



Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-11851)

2-Fluorobiphenyl

Concen: 99.691 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126995.D

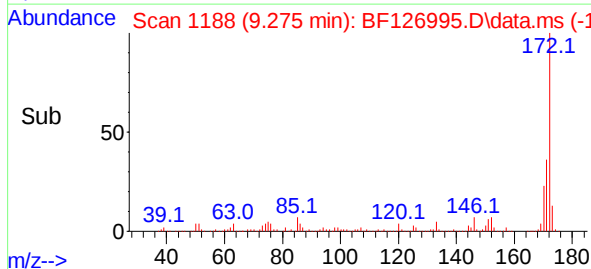
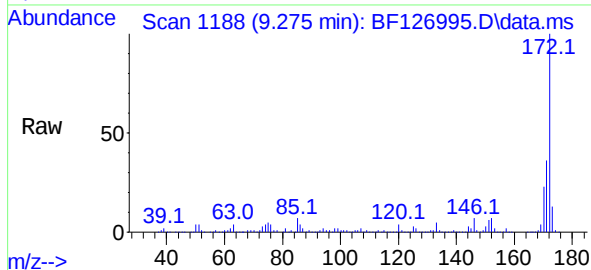
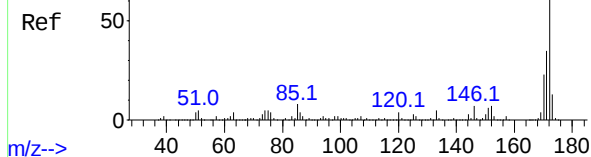
Acq: 22 Feb 2022 01:28

Instrument :

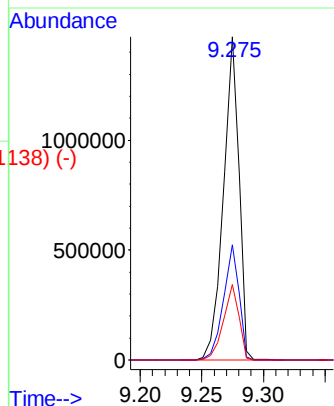
BNA_F

ClientSampleId :

20220084A-AMEDNDE-BERKELEY-8A-COMP



Tgt Ion:	172	Resp:	1289190
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.3	19.0	28.6



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-12651)

2,6-Dinitrotoluene

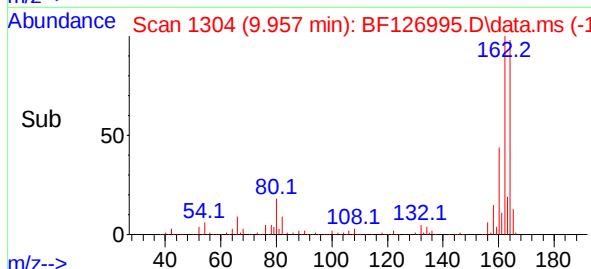
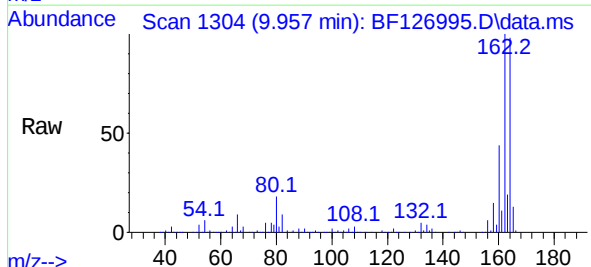
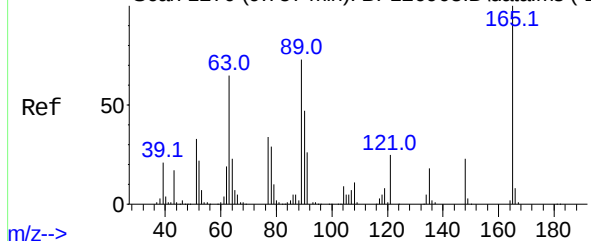
Concen: 9.160 ng

RT: 9.957 min Scan# 1304

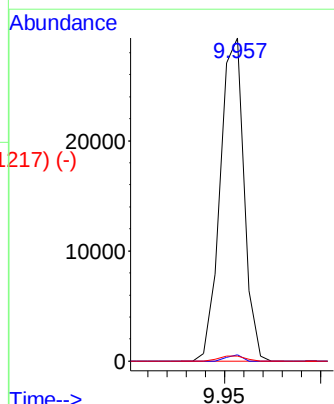
Delta R.T. 0.212 min

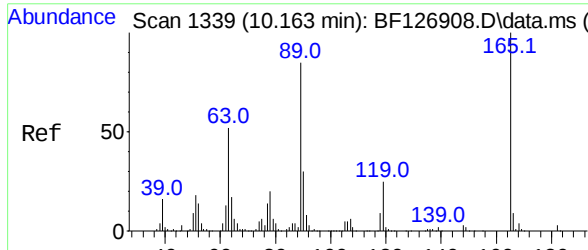
Lab File: BF126995.D

Acq: 22 Feb 2022 01:28



Tgt Ion:	165	Resp:	25361
Ion	Ratio	Lower	Upper
165	100		
63	2.0	48.4	72.6#
89	1.5	50.5	75.7#





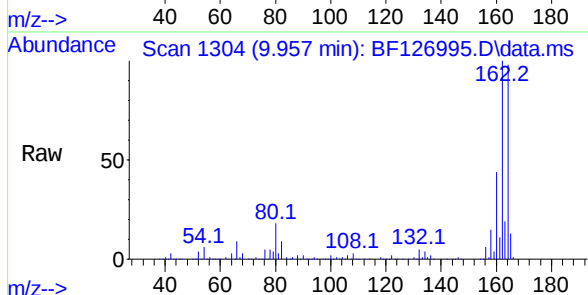
2,4-Dinitrotoluene
 Concen: 6.775 ng
 RT: 9.957 min Scan# 1339
 Delta R.T. -0.194 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Instrument :

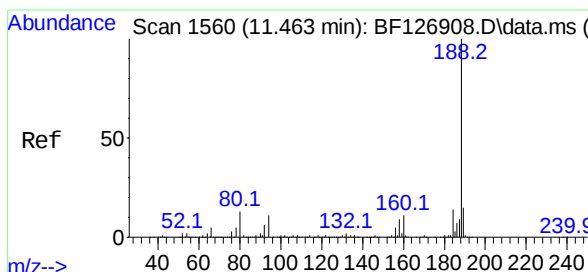
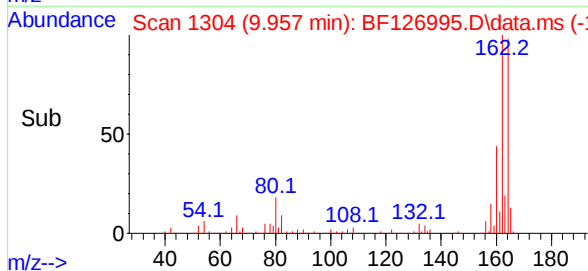
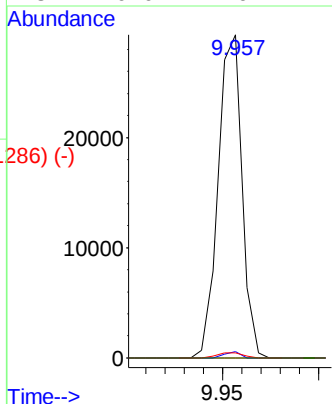
BNA_F

ClientSampleId :

20220084A-AMEDNDE-BERKELEY-8A-COMP

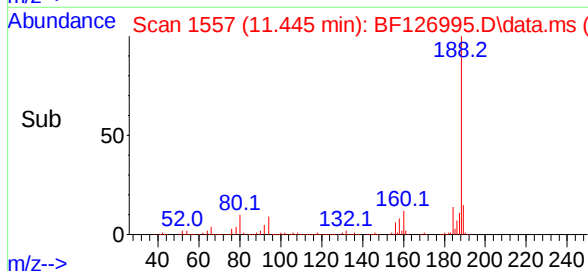
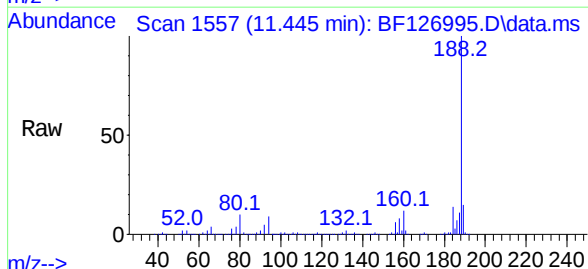
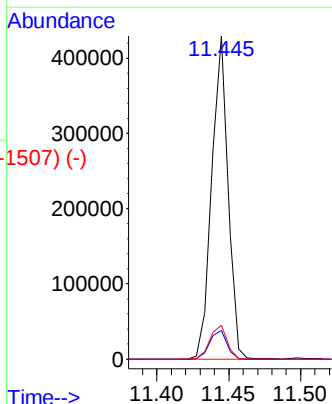


Tgt Ion:	165	Resp:	25361
Ion	Ratio	Lower	Upper
165	100		
63	2.0	43.0	64.6#
89	1.5	71.0	106.4#
182	0.0	1.6	2.4#

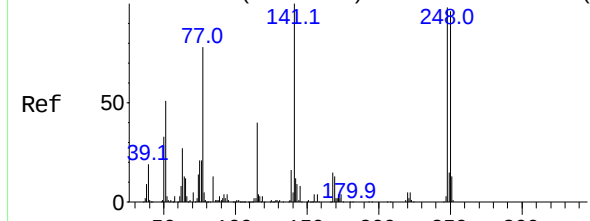


Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1557
 Delta R.T. -0.006 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Tgt Ion:	188	Resp:	336903
Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.1	15.1#
80	10.4	11.8	17.6#



Abundance Scan 1482 (11.004 min): BF126908.D\data.ms (-1482) (-)



4-Bromophenyl-phenylether
Concen: 4.019 ng
RT: 10.745 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

Instrument :

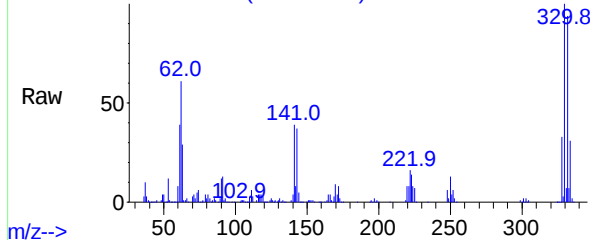
BNA_F

ClientSampleId :

20220084A-AMEDNDE-BERKELEY-8A-COMP

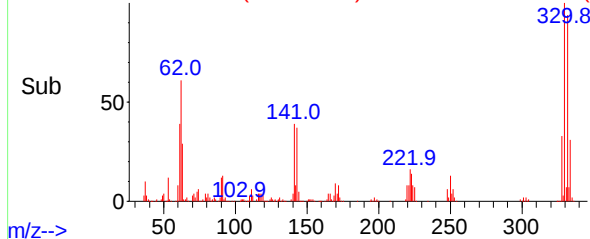
m/z-->

Abundance Scan 1438 (10.745 min): BF126995.D\data.ms

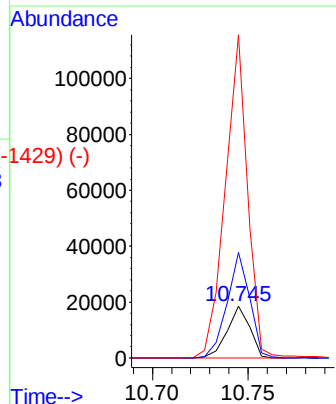


m/z-->

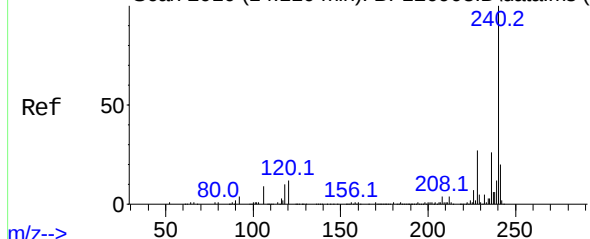
Abundance Scan 1438 (10.745 min): BF126995.D\data.ms (-1429) (-)



m/z-->

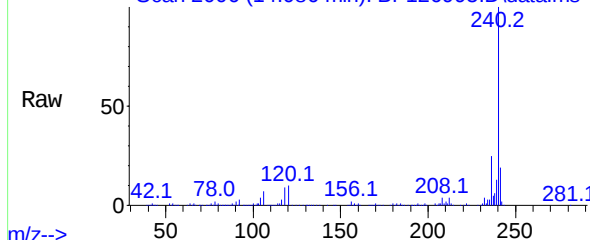


Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-2006) (-)



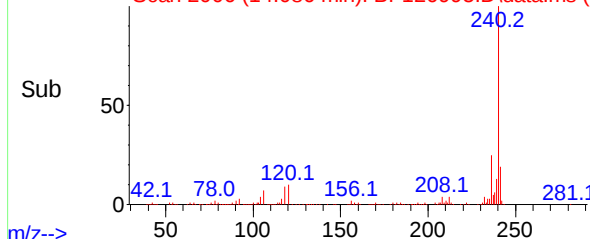
m/z-->

Abundance Scan 2006 (14.086 min): BF126995.D\data.ms



m/z-->

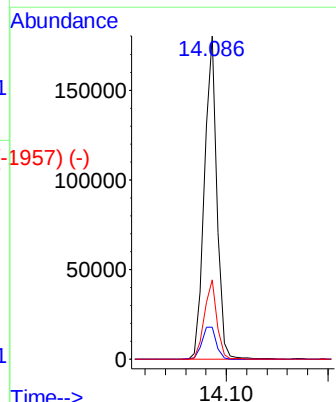
Abundance Scan 2006 (14.086 min): BF126995.D\data.ms (-1957) (-)

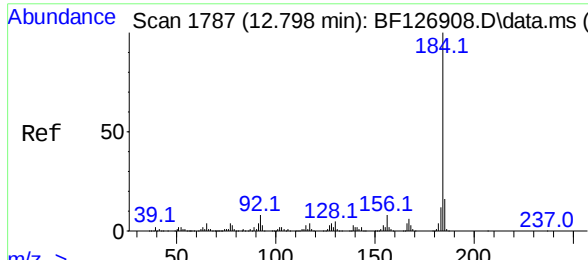


m/z-->

Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

Tgt Ion:240 Resp: 153910
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 24.5 20.5 30.7

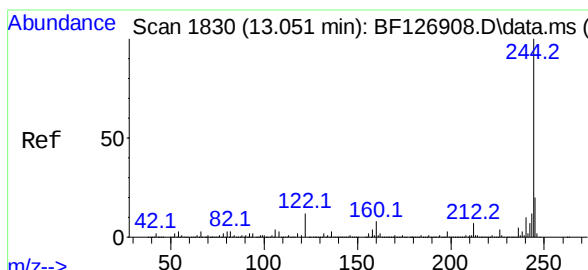
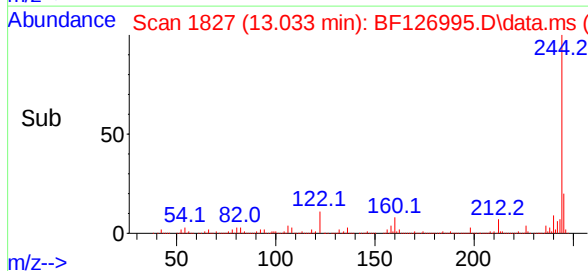
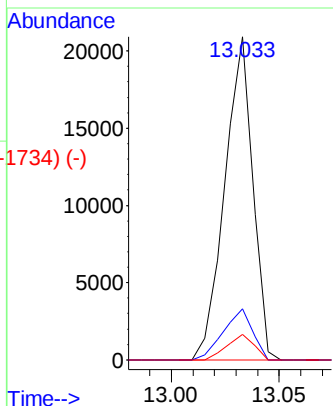
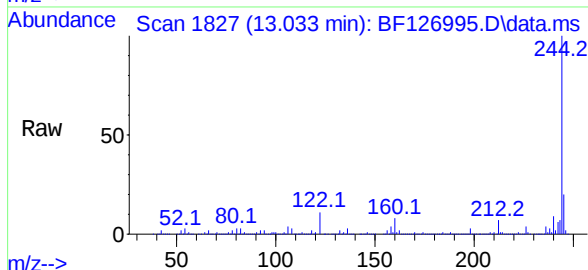




Benzidine
Concen: 4.559 ng
RT: 13.033 min Scan# 1787
Delta R.T. 0.247 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

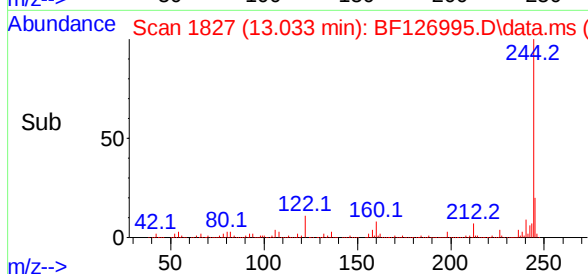
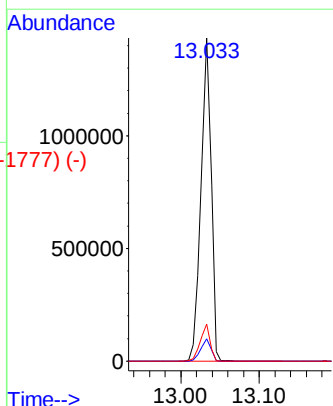
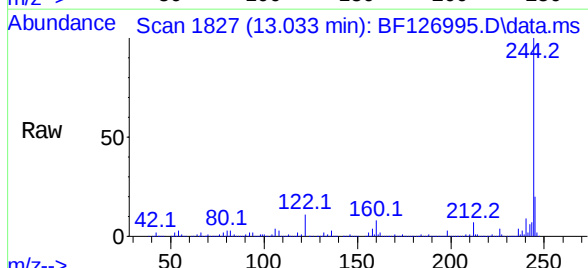
Instrument : BNA_F
ClientSampleId : 20220084A-AMEDNDE-BERKELEY-8A-COMP

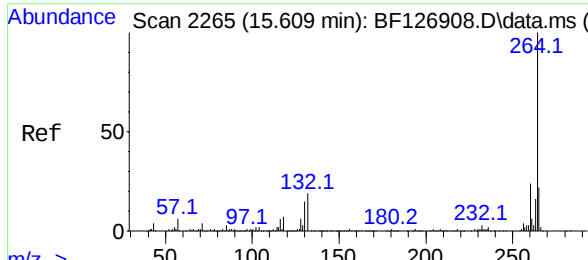
Tgt Ion:	184	Resp:	19069
Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.8	17.8
183	7.8	8.2	12.2#



Terphenyl-d14
Concen: 122.831 ng
RT: 13.033 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF126995.D
Acq: 22 Feb 2022 01:28

Tgt Ion:	244	Resp:	1286010
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	11.4	13.3	19.9#





Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF126995.D
 Acq: 22 Feb 2022 01:28

Instrument : BNA_F
 ClientSampleId : 20220084A-AMEDNDED-BERKELEY-8A-COMP

Tgt Ion:	264	Resp:	165384
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.4	26.2

