

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126989.D
 Acq On : 21 Feb 2022 22:40
 Operator : CG\JU
 Sample : N1602-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220076-BERKELEY-3-COMP

Quant Time: Feb 22 03:53:11 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)

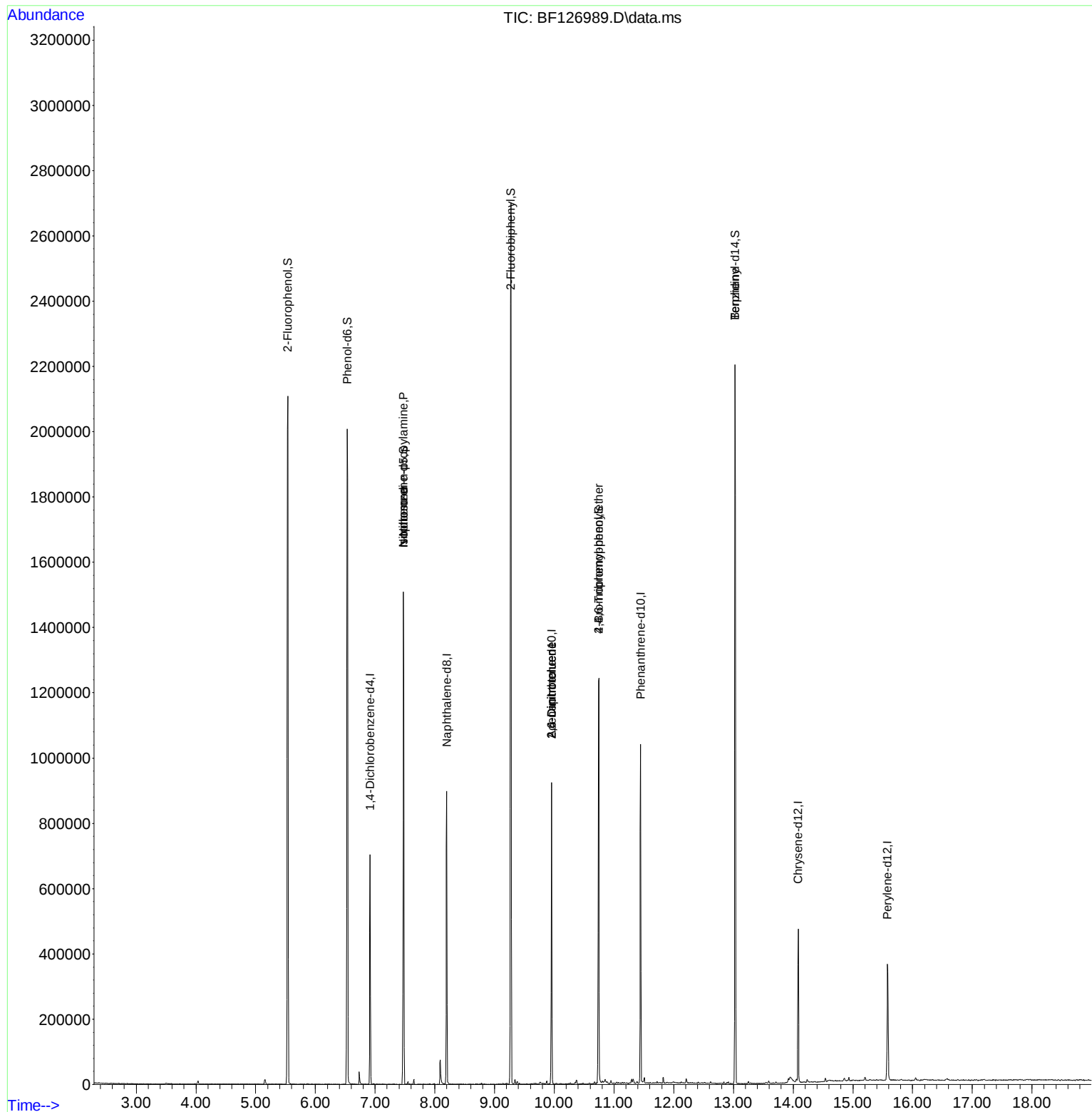
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	85475	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	351504	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	187137	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	331398	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	142212	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	159352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	534595	96.666	ng	0.00
7) Phenol-d6	6.534	99	699699	93.764	ng	-0.01
23) Nitrobenzene-d5	7.475	82	486951	62.530	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	144637	67.129	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	757538	59.593	ng	0.00
79) Terphenyl-d14	13.027	244	704624	72.837	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	66711	13.874	ng	# 79
25) Isophorone	7.475	82	486688	37.768	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	24315	8.935	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	24315	6.608	ng	# 15
67) 4-Bromophenyl-phenylether	10.745	248	8501	2.296	ng	# 1
77) Benzidine	13.027	184	10927	2.827	ng	98

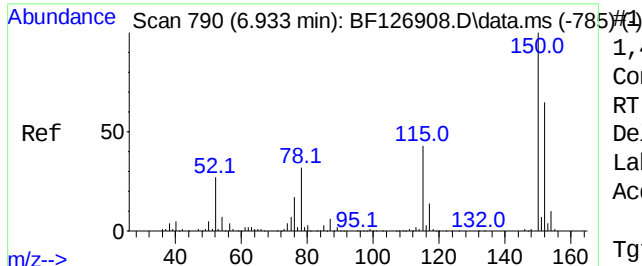
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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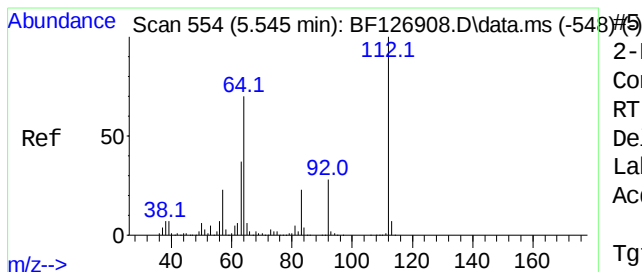
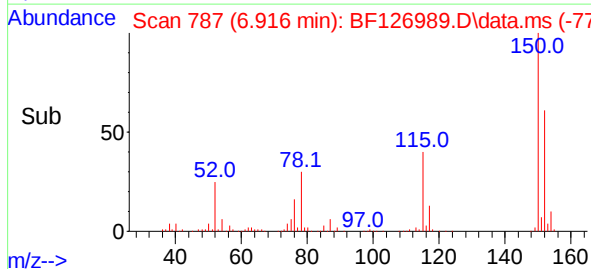
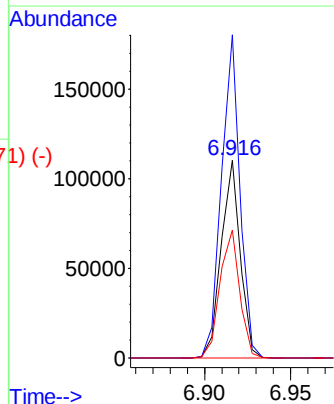
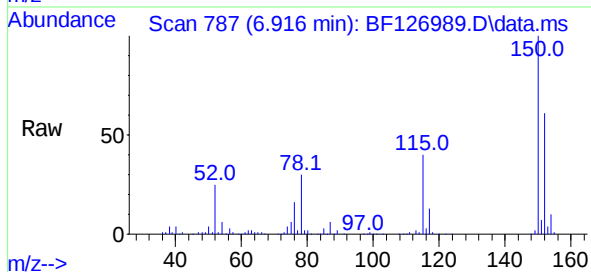




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan#
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

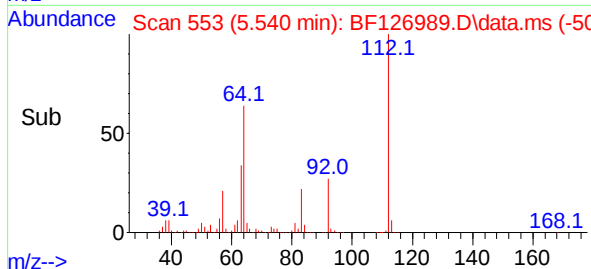
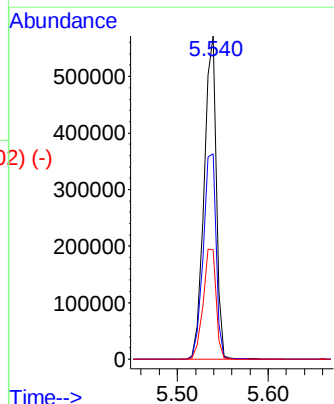
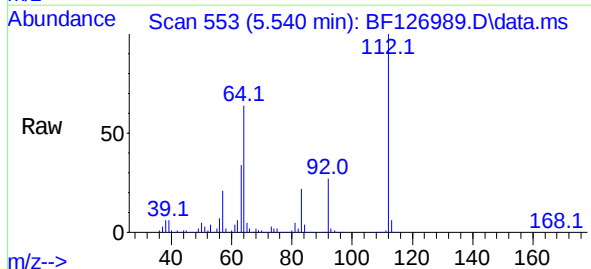
Instrument :
BNA_F
ClientSampleId :
20220076-BERKELEY-3-COMP

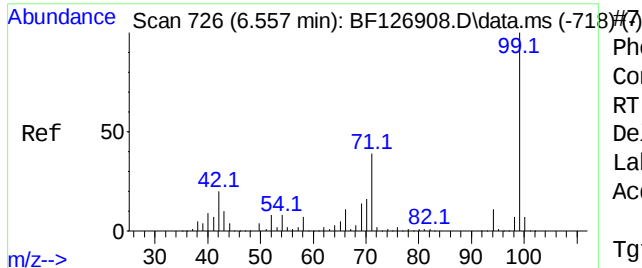
Tgt Ion:152 Resp: 85475
Ion Ratio Lower Upper
152 100
150 163.4 128.1 192.1
115 64.7 56.7 85.1



2-Fluorophenol
Concen: 96.666 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:112 Resp: 534595
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 33.8 23.9 35.9





Phenol-d6

Concen: 93.764 ng

RT: 6.534 min Scan#

Delta R.T. -0.012 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Instrument :

BNA_F

ClientSampleId :

20220076-BERKELEY-3-COMP

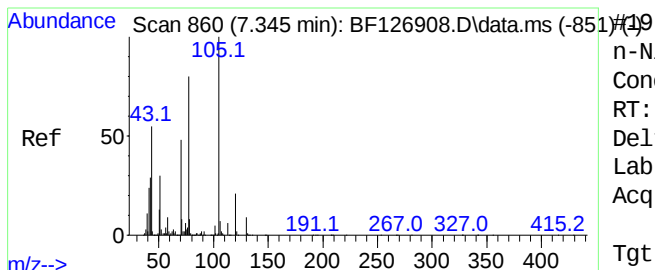
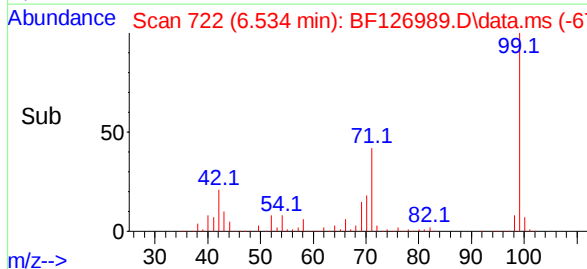
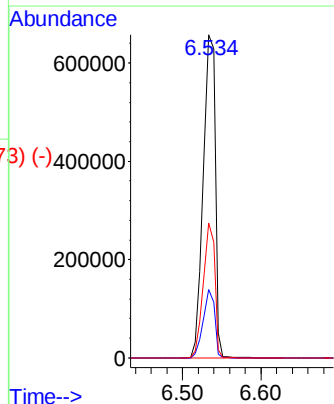
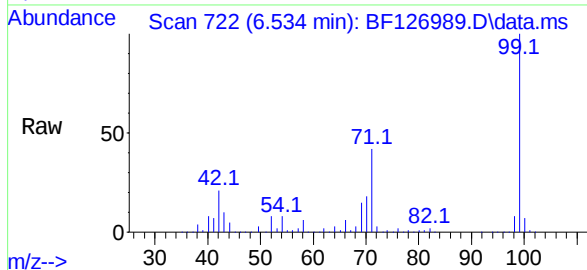
Tgt Ion: 99 Resp: 699699

Ion Ratio Lower Upper

99 100

42 21.2 14.2 21.4

71 41.7 24.3 36.5#



n-Nitroso-di-n-propylamine

Concen: 13.874 ng

RT: 7.475 min Scan# 882

Delta R.T. 0.141 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Tgt Ion: 70 Resp: 66711

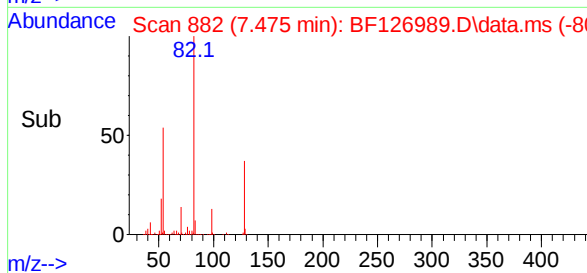
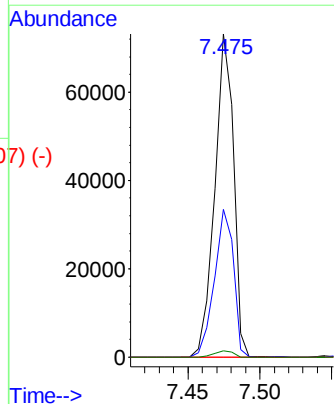
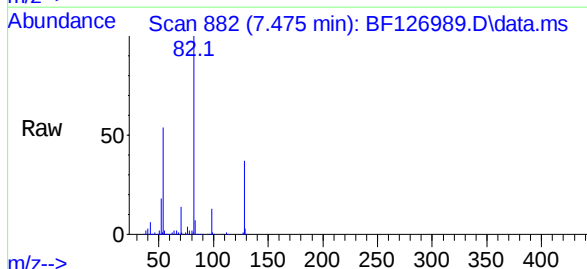
Ion Ratio Lower Upper

70 100

42 45.7 45.8 68.8#

101 0.0 6.9 10.3#

130 1.9 14.4 21.6#



Abundance Scan 1008 (8.216 min): BF126908.D\data.ms (-10621-)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.198 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Instrument :

BNA_F

ClientSampleId :

20220076-BERKELEY-3-COMP

Tgt Ion:136 Resp: 351504

Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 8.6 7.8 11.6

68 5.3 6.3 9.5#

Abundance Scan 1005 (8.198 min): BF126989.D\data.ms

m/z-->

Abundance Scan 1005 (8.198 min): BF126989.D\data.ms (-955) (-)

m/z-->

Abundance Scan 1005 (8.198 min): BF126989.D\data.ms (-955) (-)

m/z-->

Abundance

8.198

Time-->

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

Nitrobenzene-d5

Concen: 62.530 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.018 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Tgt Ion: 82 Resp: 486951

Ion Ratio Lower Upper

82 100

128 37.4 32.7 49.1

54 54.0 41.7 62.5

Abundance Scan 882 (7.475 min): BF126989.D\data.ms

m/z-->

Abundance Scan 882 (7.475 min): BF126989.D\data.ms (-834) (-)

m/z-->

Abundance Scan 882 (7.475 min): BF126989.D\data.ms (-834) (-)

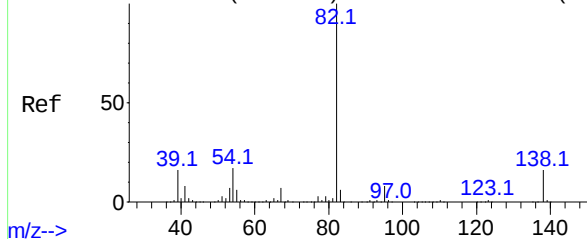
m/z-->

Abundance

7.475

Time-->

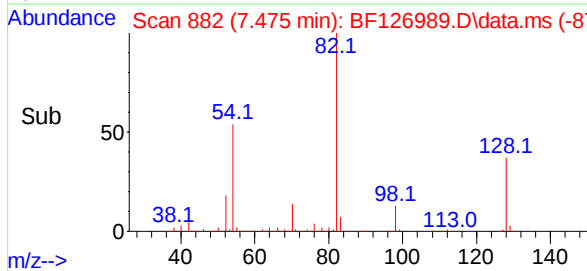
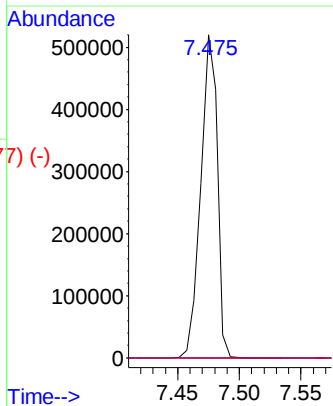
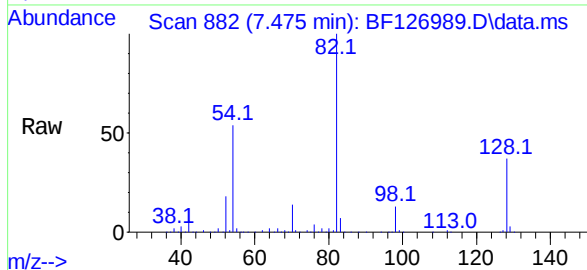
Abundance Scan 930 (7.757 min): BF126908.D\data.ms (-923) #25



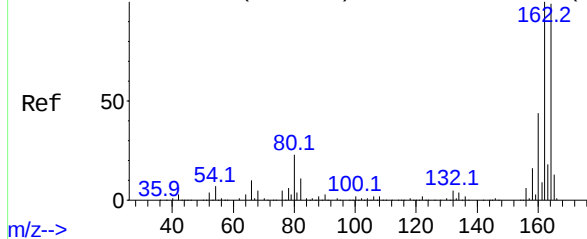
Isophorone
Concen: 37.768 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :
BNA_F
ClientSampleId :
20220076-BERKELEY-3-COMP

Tgt Ion: 82 Resp: 486688
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

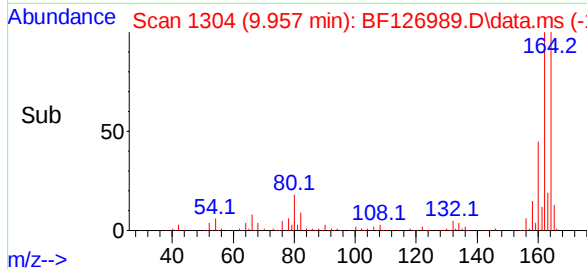
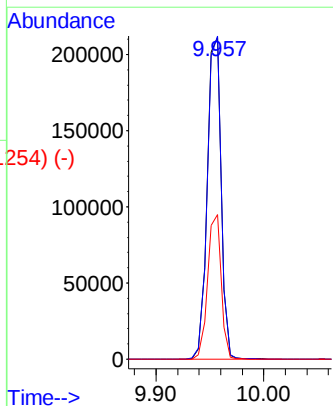
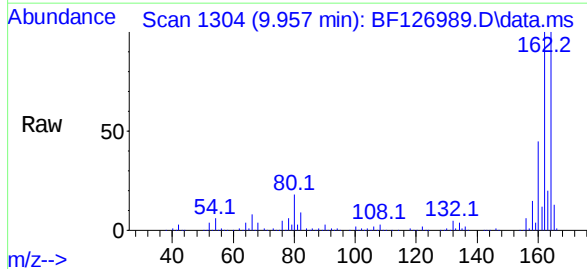


Abundance Scan 1307 (9.974 min): BF126908.D\data.ms (-1304) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:164 Resp: 187137
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.8 36.6 54.8



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

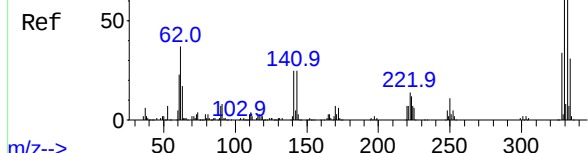
2,4,6-Tribromophenol
Concen: 67.129 ng
RT: 10.745 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Instrument :

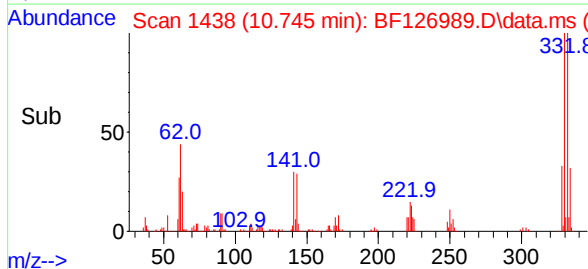
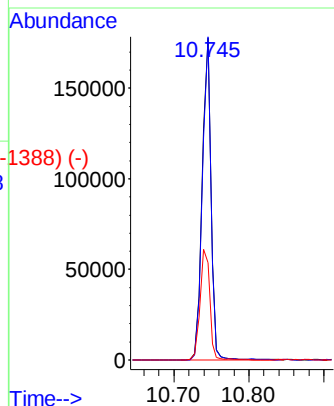
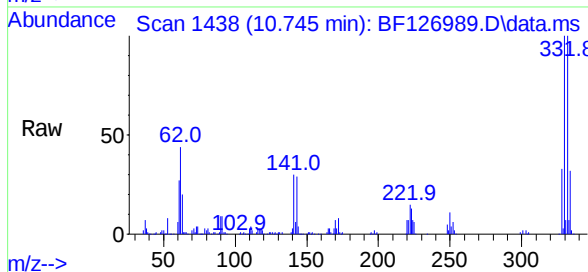
BNA_F

ClientSampleId :

20220076-BERKELEY-3-COMP

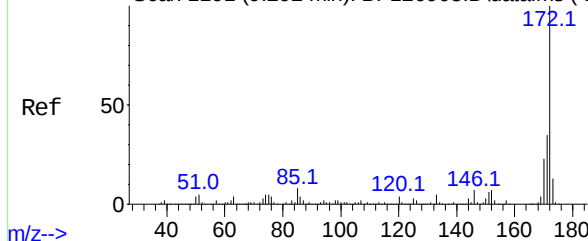


Tgt Ion:	330	Resp:	144637
Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.0	114.0
141	37.2	30.1	45.1

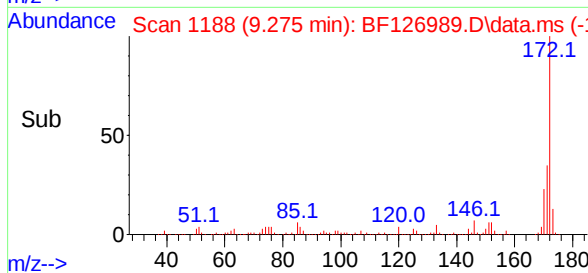
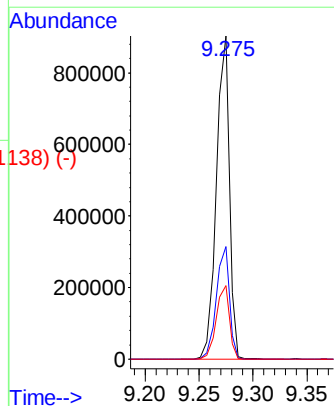
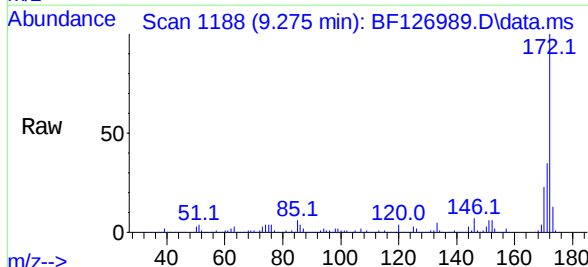


Abundance Scan 1191 (9.292 min): BF126908.D\data.ms (-1191) (-)

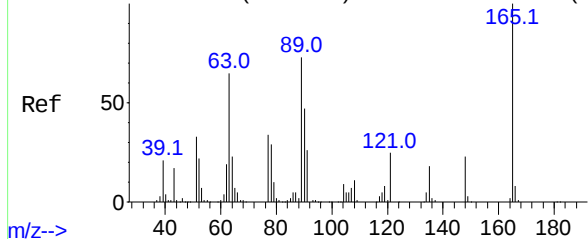
2-Fluorobiphenyl
Concen: 59.593 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40



Tgt Ion:	172	Resp:	757538
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.7	19.0	28.6



Abundance Scan 1270 (9.757 min): BF126908.D\data.ms (-1264) (-)



2,6-Dinitrotoluene

Concen: 8.935 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.212 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Instrument :

BNA_F

ClientSampleId :

20220076-BERKELEY-3-COMP

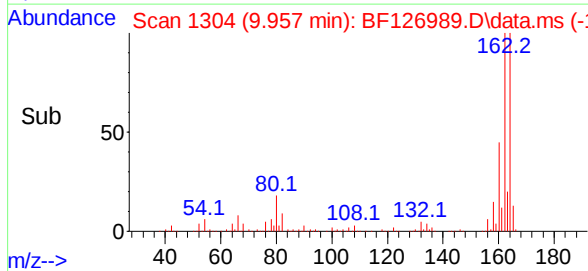
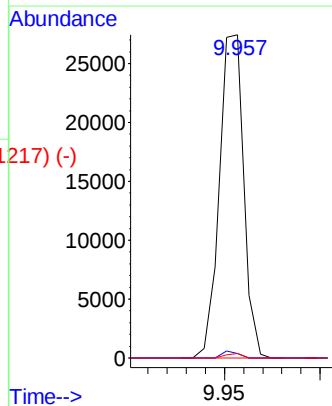
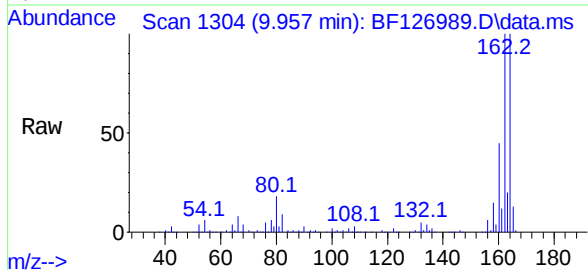
Tgt Ion:165 Resp: 24315

Ion Ratio Lower Upper

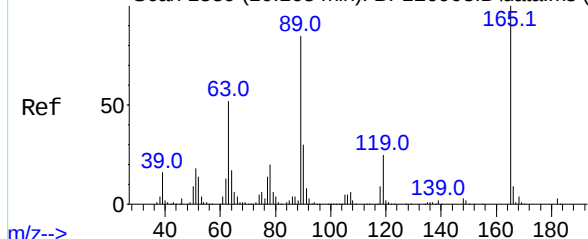
165 100

63 1.3 48.4 72.6#

89 1.3 50.5 75.7#



Abundance Scan 1339 (10.163 min): BF126908.D\data.ms (-1357) (-)



2,4-Dinitrotoluene

Concen: 6.608 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.194 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Tgt Ion:165 Resp: 24315

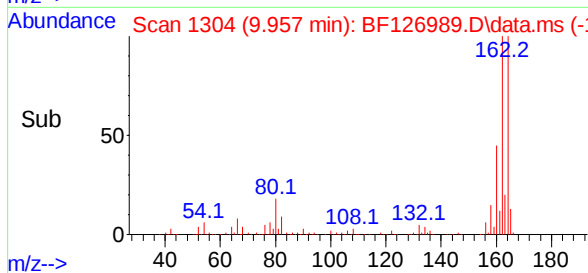
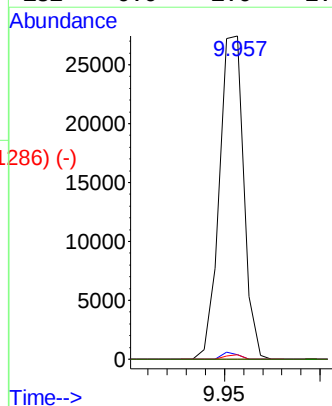
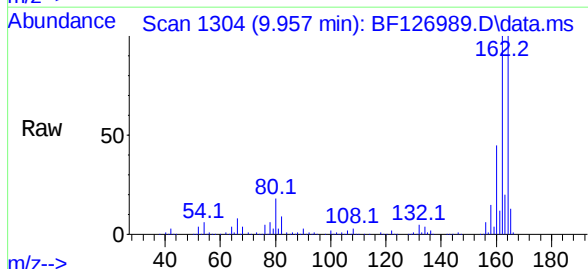
Ion Ratio Lower Upper

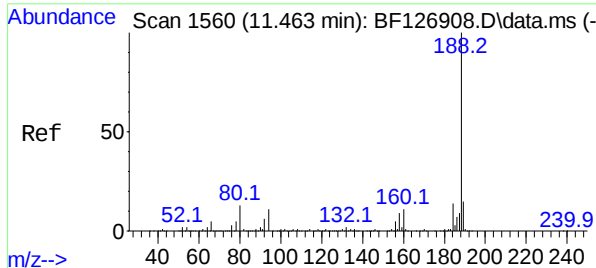
165 100

63 1.3 43.0 64.6#

89 1.3 71.0 106.4#

182 0.0 1.6 2.4#

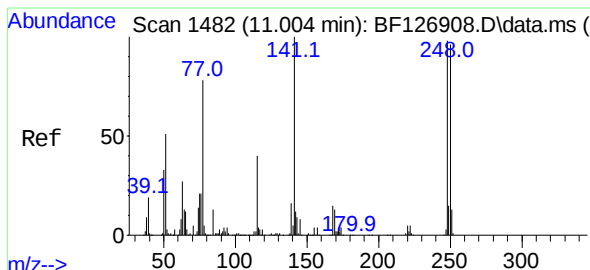
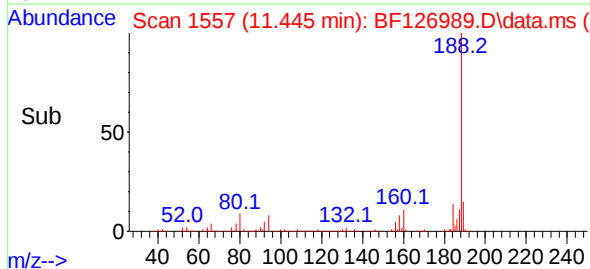
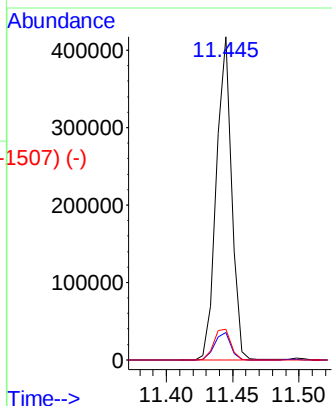
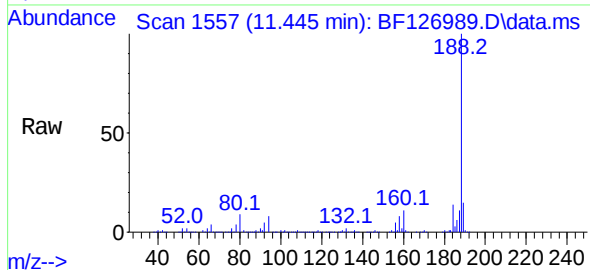




Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.445 min Scan# 1560
 Delta R.T. -0.006 min
 Lab File: BF126989.D
 Acq: 21 Feb 2022 22:40

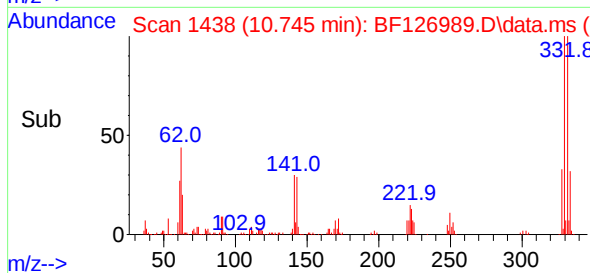
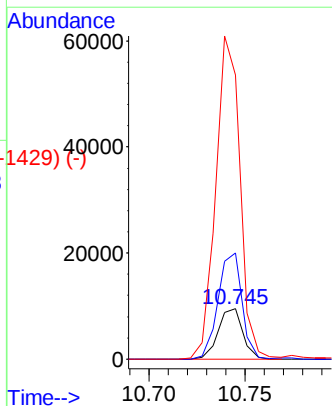
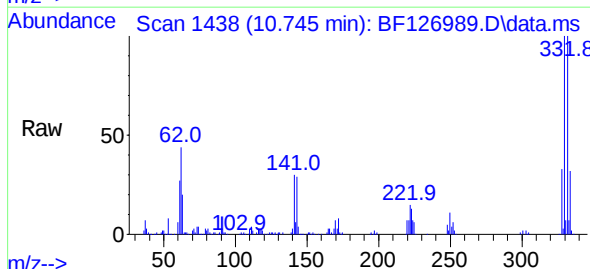
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Tgt Ion:	188	Resp:	331398
Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.1	15.1#
80	9.5	11.8	17.6#

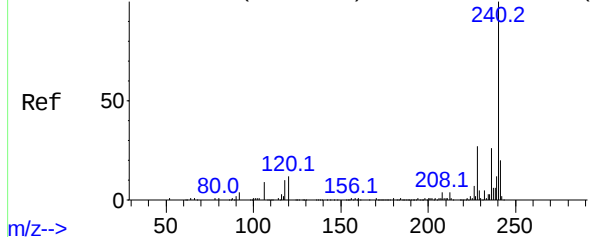


4-Bromophenyl-phenylether
 Concen: 2.296 ng
 RT: 10.745 min Scan# 1438
 Delta R.T. -0.247 min
 Lab File: BF126989.D
 Acq: 21 Feb 2022 22:40

Tgt Ion:	248	Resp:	8501
Ion	Ratio	Lower	Upper
248	100		
250	208.9	76.2	114.4#
141	559.5	66.2	99.4#



Abundance Scan 2010 (14.110 min): BF126908.D\data.ms (-20076) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Instrument :

BNA_F

ClientSampleId :

20220076-BERKELEY-3-COMP

Tgt Ion:240 Resp: 142212

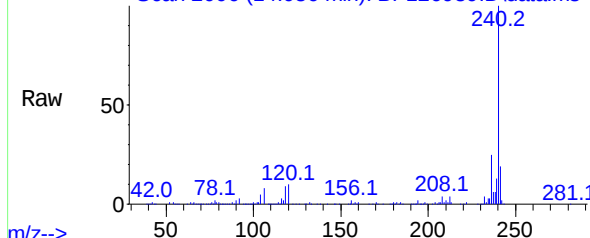
Ion Ratio Lower Upper

240 100

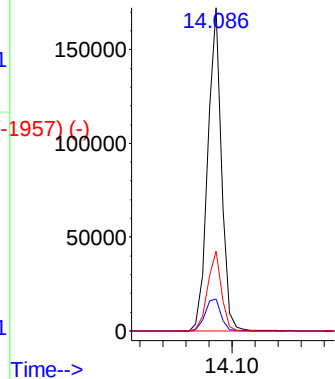
120 10.0 14.4 21.6#

236 24.7 20.5 30.7

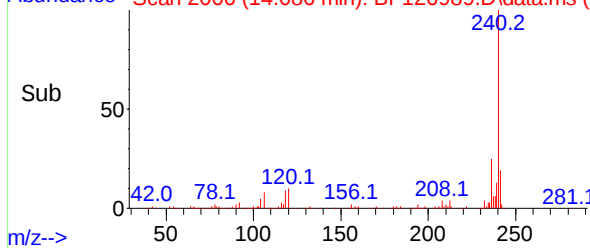
Abundance Scan 2006 (14.086 min): BF126989.D\data.ms



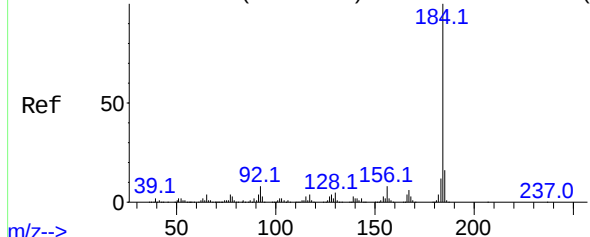
Abundance



Abundance Scan 2006 (14.086 min): BF126989.D\data.ms (-1957) (-)



Abundance Scan 1787 (12.798 min): BF126908.D\data.ms (-1787) (-)



Benzidine

Concen: 2.827 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.241 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Tgt Ion:184 Resp: 10927

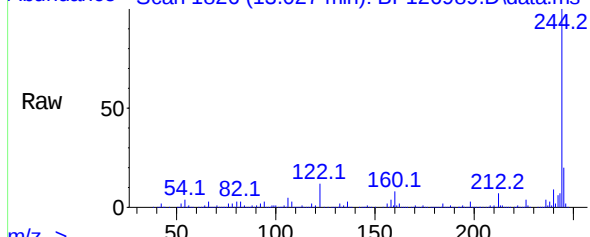
Ion Ratio Lower Upper

184 100

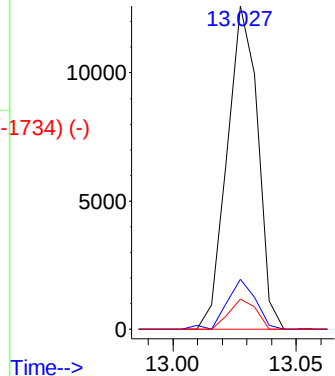
185 15.4 11.8 17.8

183 9.3 8.2 12.2

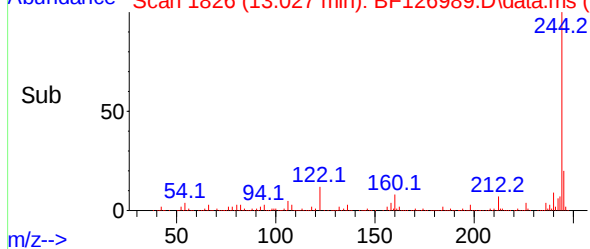
Abundance Scan 1826 (13.027 min): BF126989.D\data.ms



Abundance



Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1734) (-)



Abundance Scan 1830 (13.051 min): BF126908.D\data.ms (-1879) (-)

Terphenyl-d14

Concen: 72.837 ng

RT: 13.027 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Instrument :

BNA_F

ClientSampleId :

20220076-BERKELEY-3-COMP

Tgt Ion:244 Resp: 704624

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 11.8 13.3 19.9#

Abundance Scan 1826 (13.027 min): BF126989.D\data.ms

m/z-->

Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1777) (-)

m/z-->

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m/z-->

Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1777) (-)

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Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1777) (-)

m/z-->

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m/z-->

Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1777) (-)

m/z-->

Abundance Scan 1826 (13.027 min): BF126989.D\data.ms (-1777) (-)

m/z-->

Abundance

13.027

600000

400000

200000

0

Time-->

13.00 13.10

Abundance Scan 2265 (15.609 min): BF126908.D\data.ms (-2286) (-)

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Tgt Ion:264 Resp: 159352

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.6 17.4 26.2

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

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Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance Scan 2260 (15.580 min): BF126989.D\data.ms (-2211) (-)

m/z-->

Abundance

15.580

100000

50000

0

Time-->

15.50 15.60 15.70