

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127919.D
 Acq On : 26 Apr 2022 18:17
 Operator : CG\JU
 Sample : N2502-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4

Quant Time: Apr 27 01:48:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

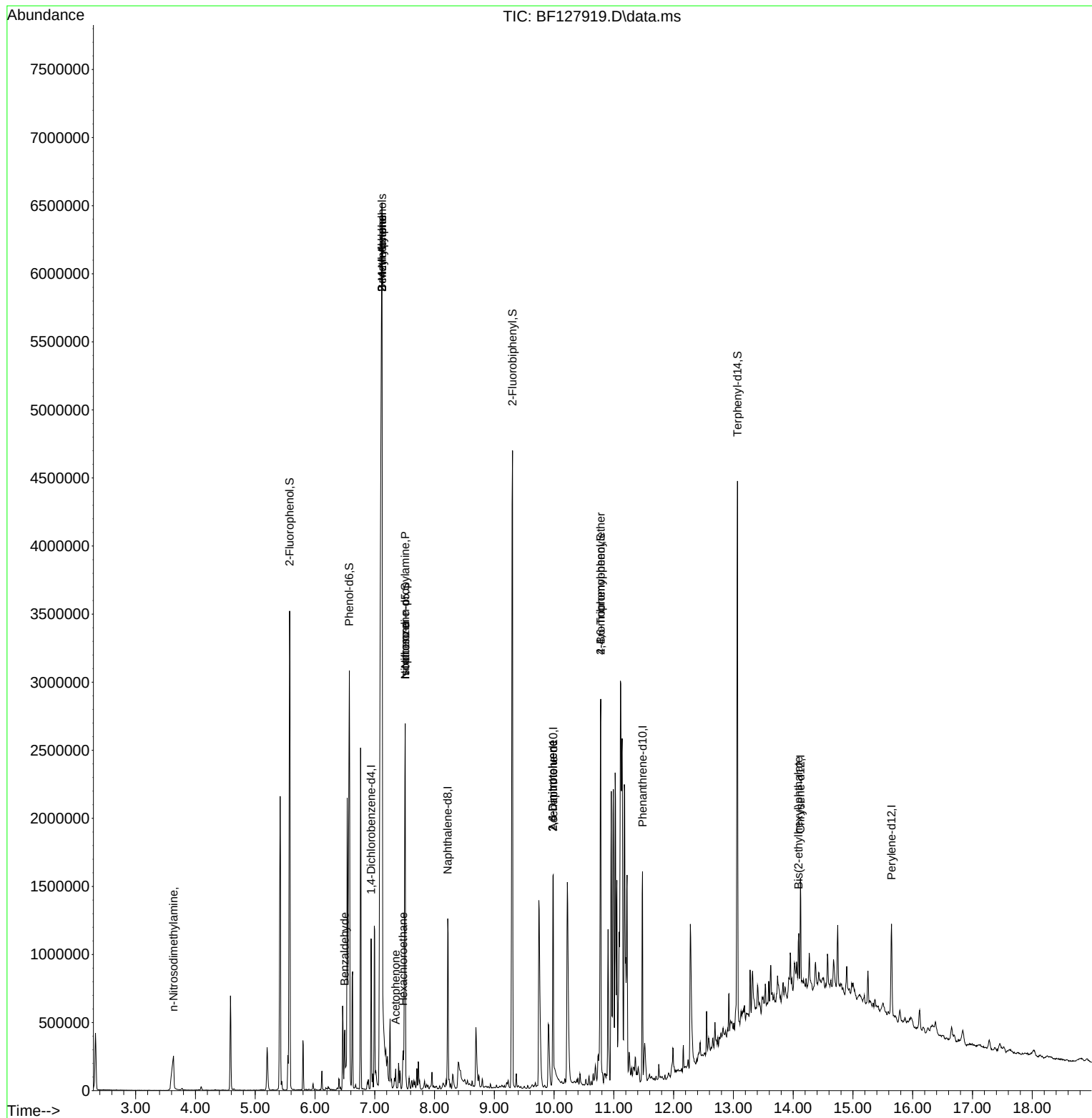
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	146770	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	588632	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	330567	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	566009	20.000	ng	0.00
76) Chrysene-d12	14.121	240	291061	20.000	ng	# 0.00
86) Perylene-d12	15.645	264	303978	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	995649	108.050	ng	0.01
7) Phenol-d6	6.575	99	1403842	117.411	ng	0.00
23) Nitrobenzene-d5	7.510	82	1001668	80.020	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	345525	103.832	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1651397	84.514	ng	0.00
79) Terphenyl-d14	13.069	244	1447676	90.949	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.634	42	14846	2.723	ng	# 1
9) Benzaldehyde	6.498	77	37545	5.076	ng	# 51
15) Benzyl Alcohol	7.122	79	3387155	416.577	ng	97
17) 2-Methylphenol	7.122	107	1615456	195.770	ng	# 1
18) Hexachloroethane	7.475	117	8804	2.179	ng	# 1
19) n-Nitroso-di-n-propyla...	7.510	70	138100	18.868	ng	# 79
20) 3+4-Methylphenols	7.122	107	1615446	162.058	ng	# 7
22) Acetophenone	7.351	105	34471	2.403	ng	# 93
25) Isophorone	7.510	82	1001668	47.544	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	43674	9.099	ng	# 40
57) 2,4-Dinitrotoluene	9.981	165	43674	6.869	ng	# 47
67) 4-Bromophenyl-phenylether	10.780	248	22065	3.517	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.092	149	102371	8.382	ng	98

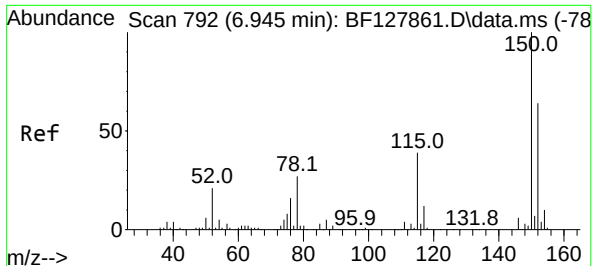
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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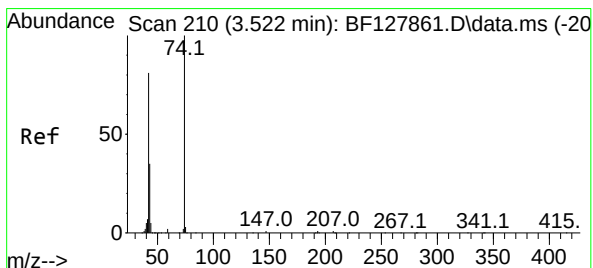
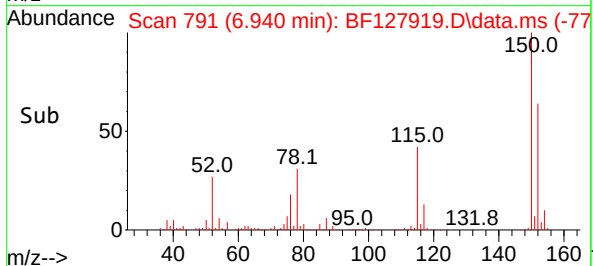
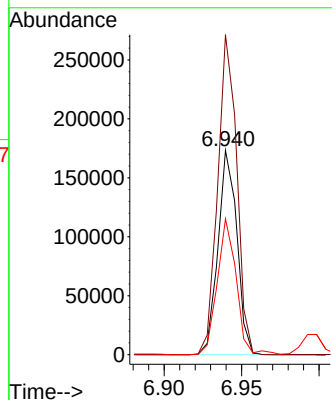
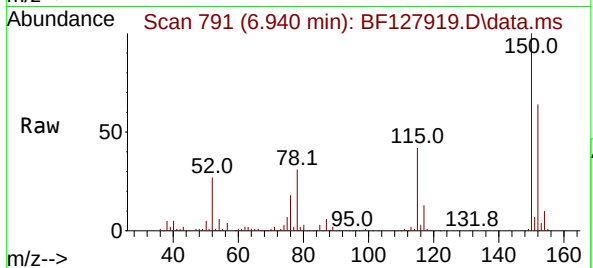




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

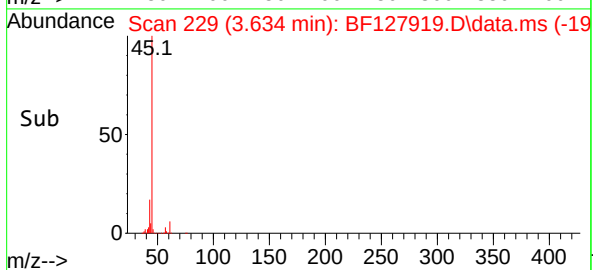
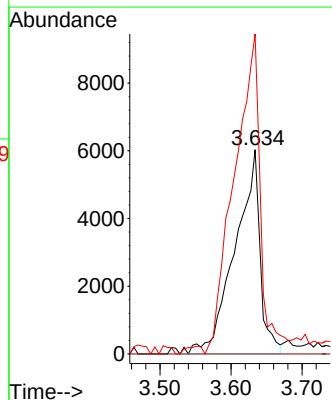
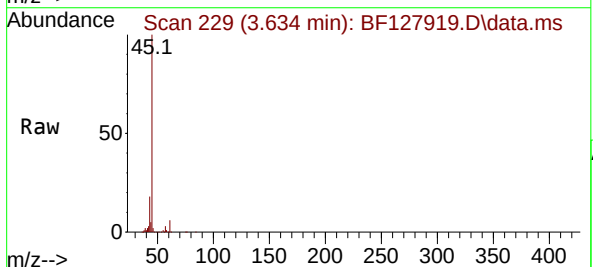
Instrument :
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C4

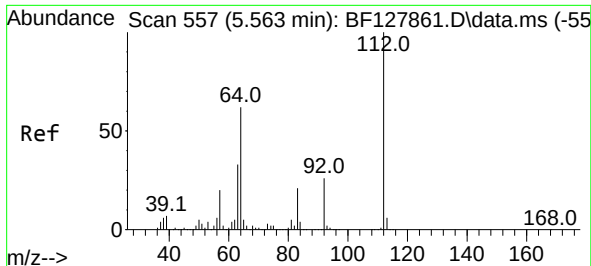
Tgt Ion:152 Resp: 146770
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 66.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 2.723 ng
RT: 3.634 min Scan# 229
Delta R.T. 0.112 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion: 42 Resp: 14846
Ion Ratio Lower Upper
42 100
74 0.0 99.0 148.4#
44 156.7 5.2 7.8#

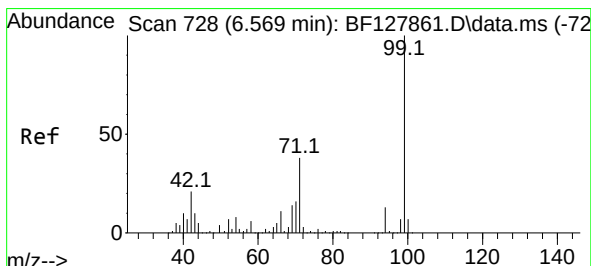
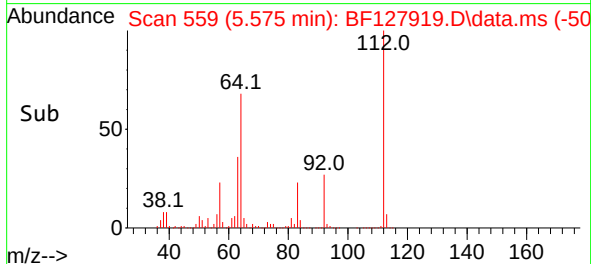
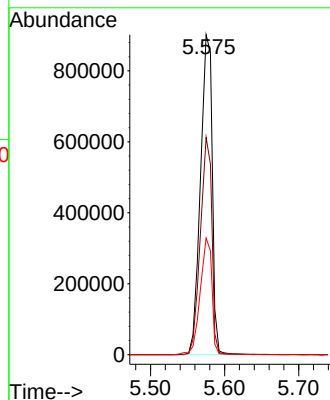
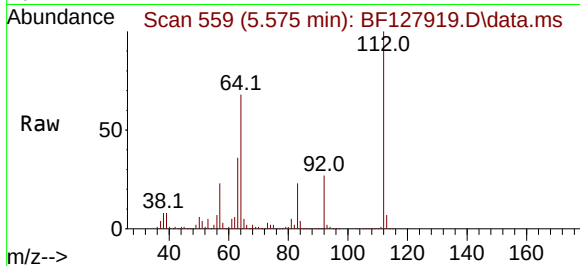




#5
2-Fluorophenol
Concen: 108.050 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

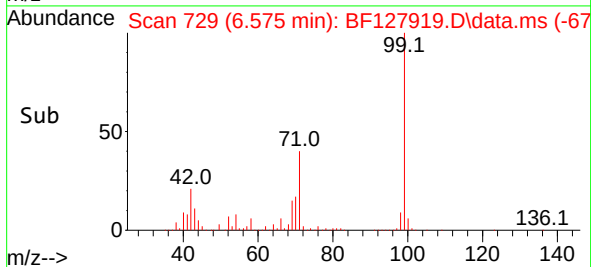
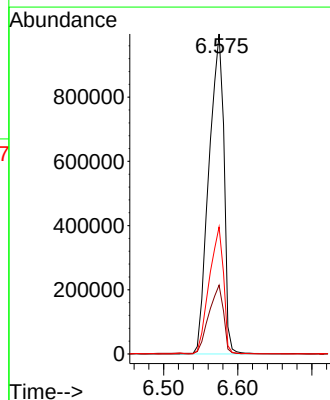
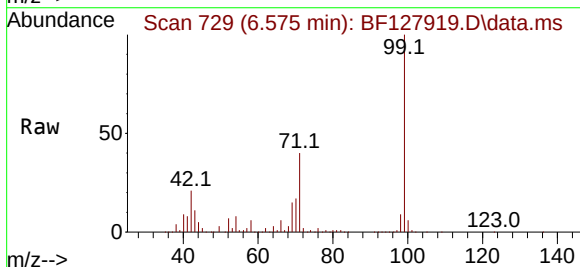
Instrument :
BNA_F
ClientSampleId :
C4

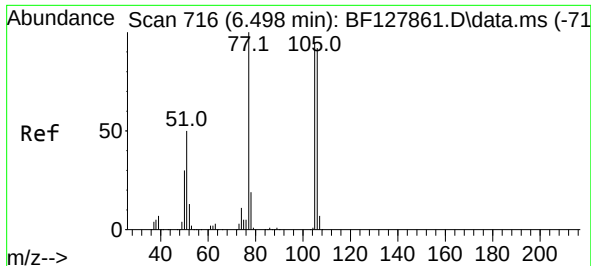
Tgt Ion:112 Resp: 995649
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 36.4 26.3 39.5



#7
Phenol-d6
Concen: 117.411 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion: 99 Resp: 1403842
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.7 30.0 45.0

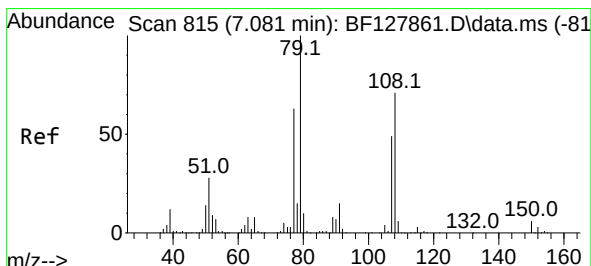
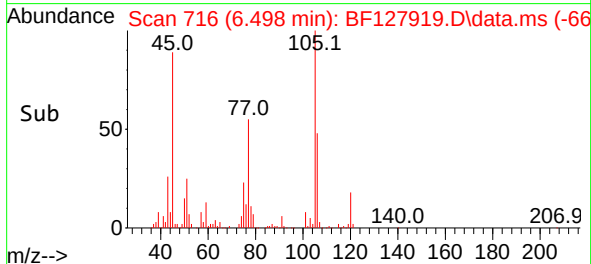
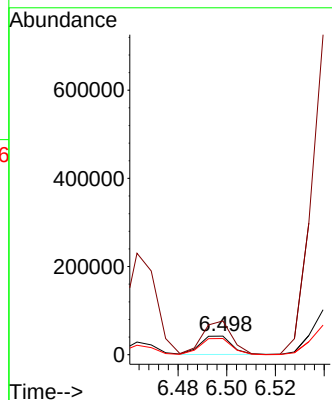
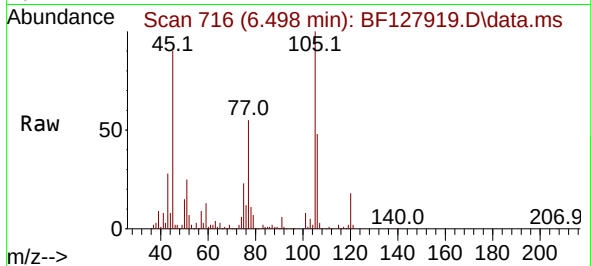




#9
Benzaldehyde
Concen: 5.076 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

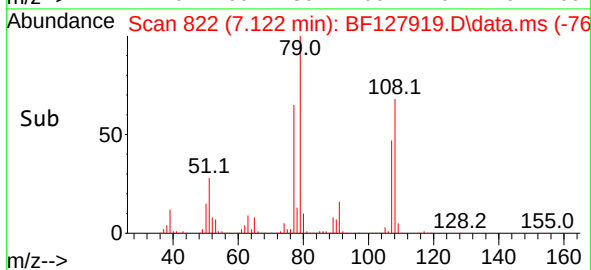
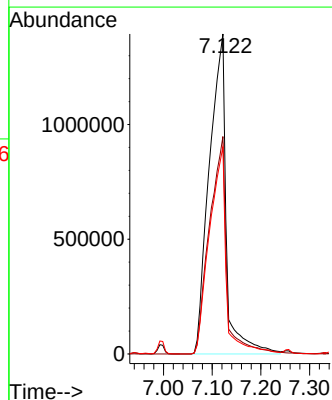
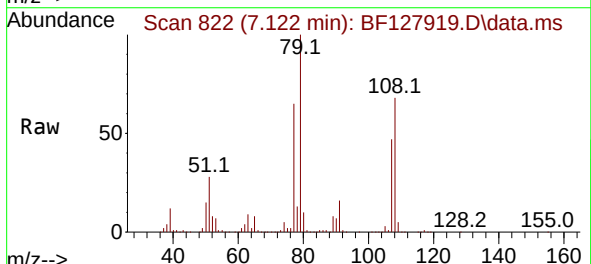
Instrument :
BNA_F
ClientSampleId :
C4

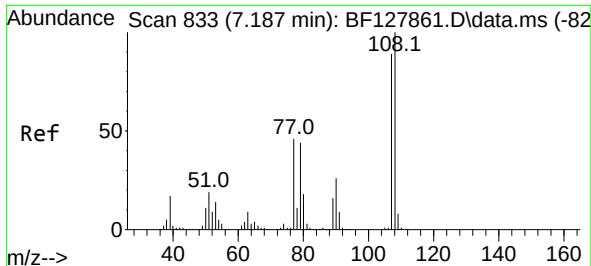
Tgt Ion: 77 Resp: 37545
Ion Ratio Lower Upper
77 100
105 182.6 74.9 114.9#
106 87.0 72.2 112.2



#15
Benzyl Alcohol
Concen: 416.577 ng
RT: 7.122 min Scan# 822
Delta R.T. 0.041 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion: 79 Resp: 3387155
Ion Ratio Lower Upper
79 100
108 67.9 57.0 85.6
77 64.7 50.2 75.4

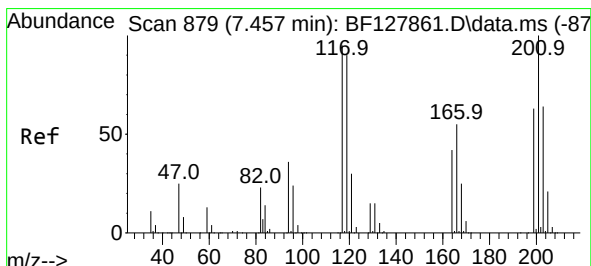
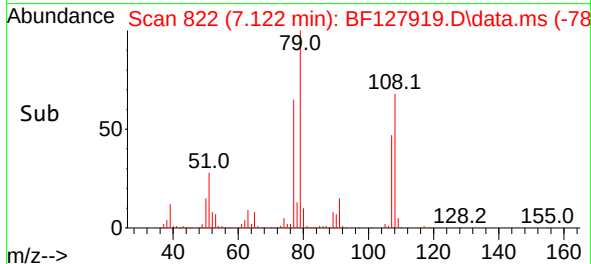
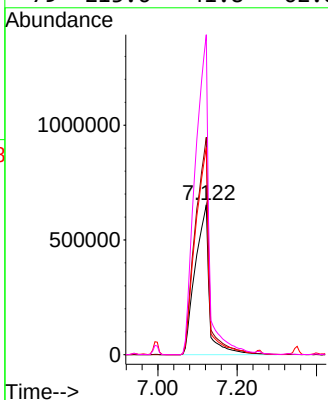
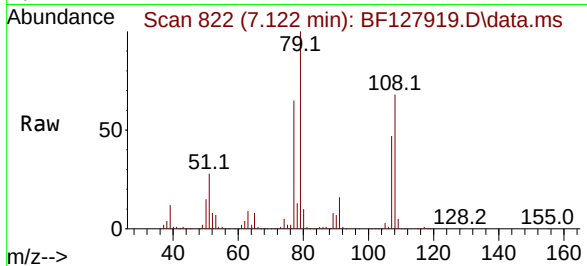




#17
2-Methylphenol
Concen: 195.770 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.065 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

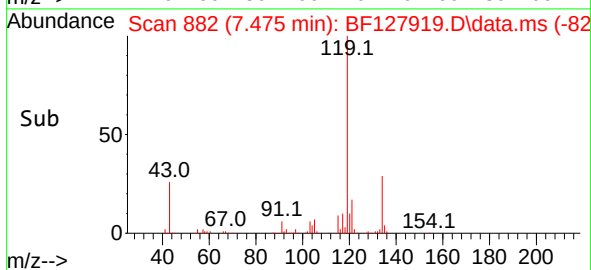
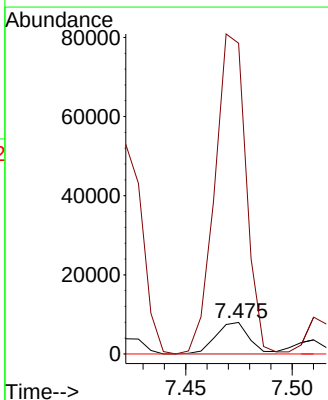
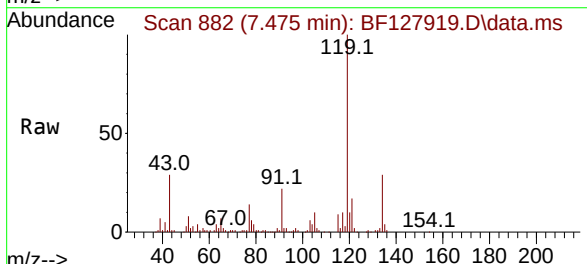
Instrument :
BNA_F
ClientSampleId :
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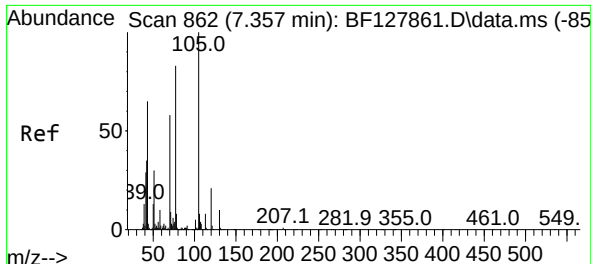
Tgt Ion:107 Resp: 1615456
Ion Ratio Lower Upper
107 100
108 145.1 90.2 135.2#
77 138.3 41.9 62.9#
79 213.6 41.8 62.8#



#18
Hexachloroethane
Concen: 2.179 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.018 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion:117 Resp: 8804
Ion Ratio Lower Upper
117 100
119 986.2 76.2 114.4#
201 0.0 84.4 126.6#

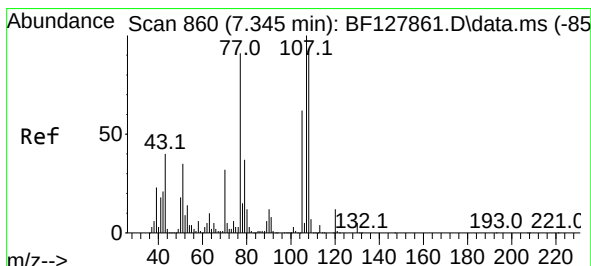
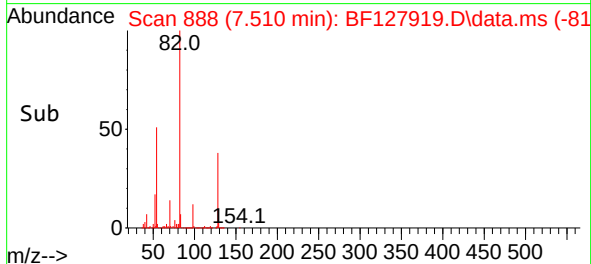
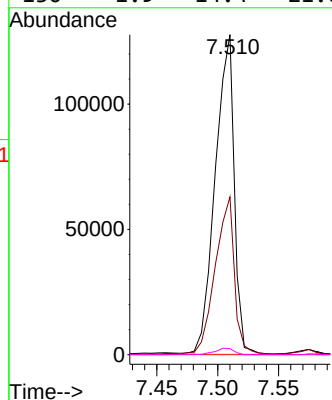
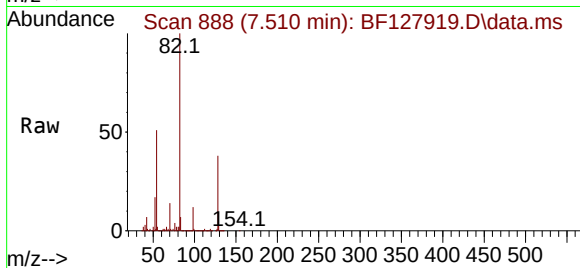




#19
n-Nitroso-di-n-propylamine
Concen: 18.868 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

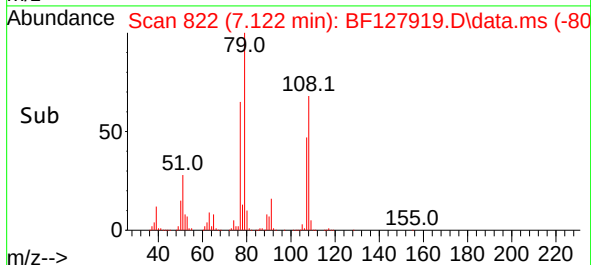
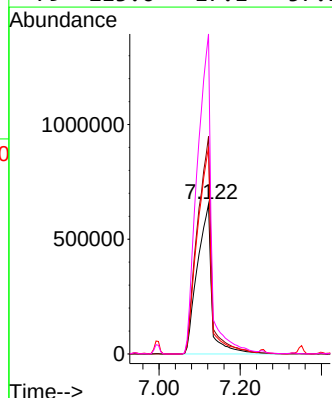
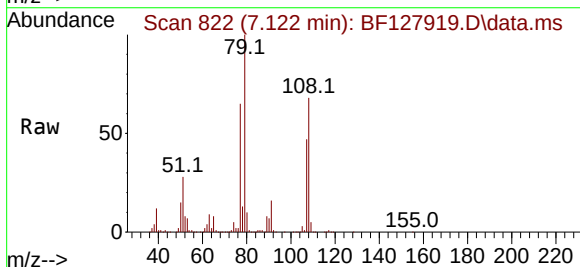
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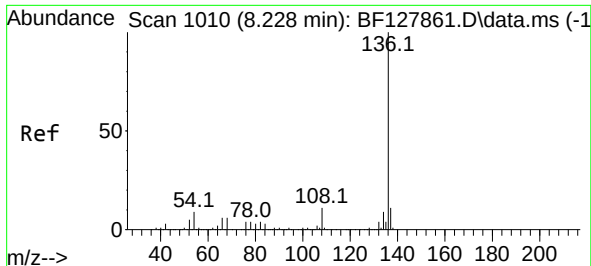
Tgt Ion: 70 Resp: 138100
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#



#20
3+4-Methylphenols
Concen: 162.058 ng
RT: 7.122 min Scan# 822
Delta R.T. -0.223 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion: 107 Resp: 1615446
Ion Ratio Lower Upper
107 100
108 145.1 73.4 113.4#
77 138.3 71.1 111.1#
79 213.6 17.1 57.1#

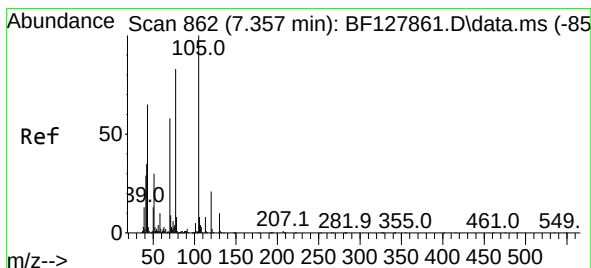
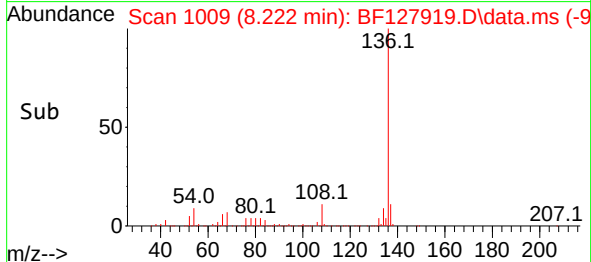
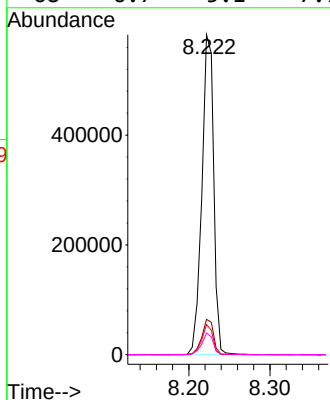
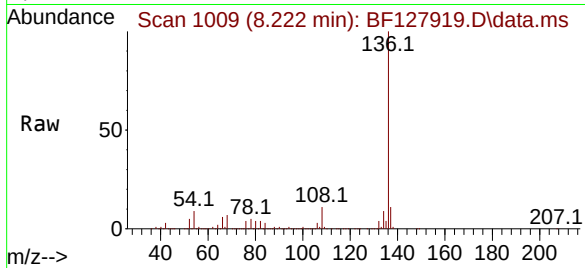




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

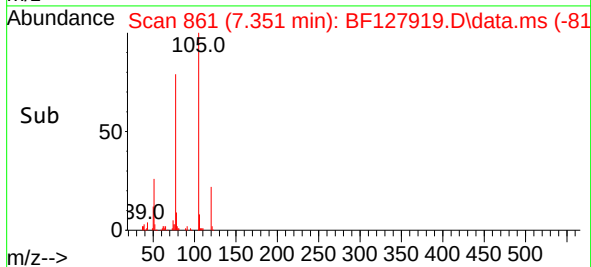
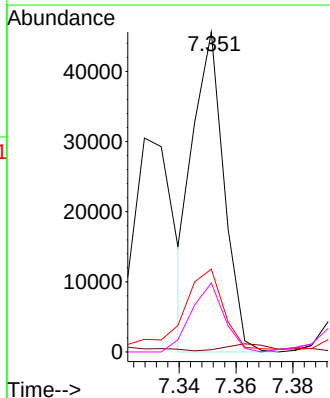
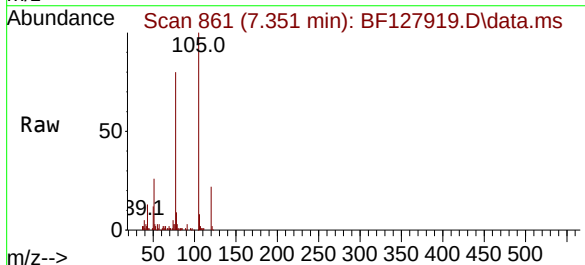
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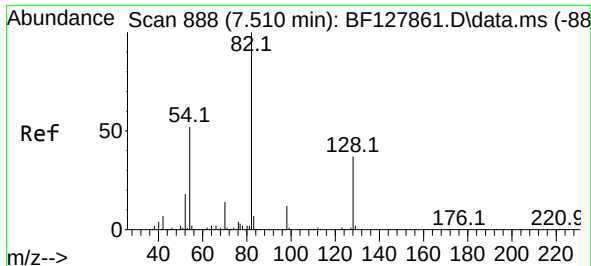
Tgt Ion:136 Resp: 588632
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.4 6.8 10.2
68 6.7 5.1 7.7



#22
Acetophenone
Concen: 2.403 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion:105 Resp: 34471
Ion Ratio Lower Upper
105 100
71 0.7 7.3 10.9#
51 25.9 23.7 35.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 80.020 ng

RT: 7.510 min Scan# 888

Delta R.T. 0.000 min

Lab File: BF127919.D

Acq: 26 Apr 2022 18:17

Instrument :

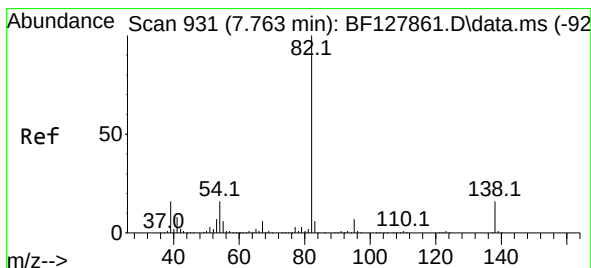
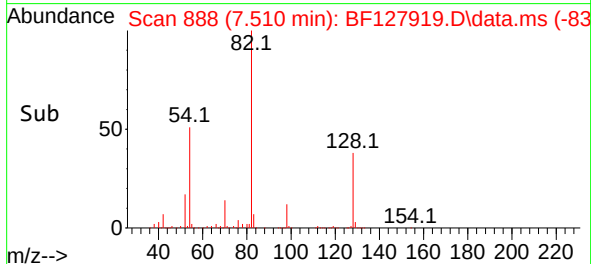
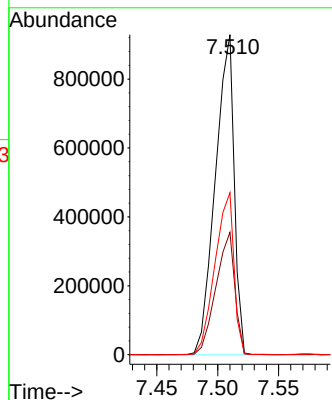
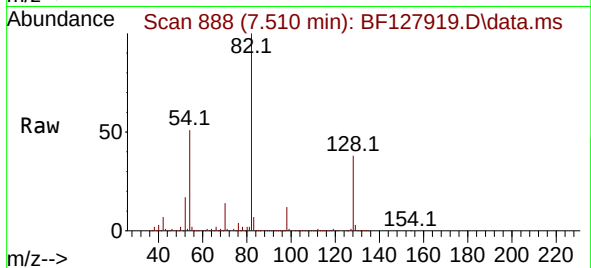
BNA_F

ClientSampleId :

C4

Tgt Ion: 82 Resp: 1001668

Ion	Ratio	Lower	Upper
82	100		
128	38.2	30.0	45.0
54	50.7	41.3	61.9



#25

Isophorone

Concen: 47.544 ng

RT: 7.510 min Scan# 888

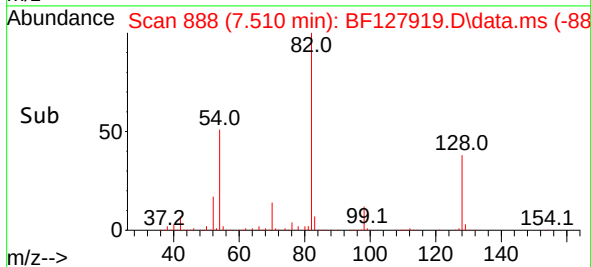
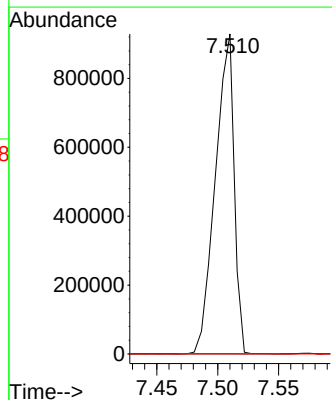
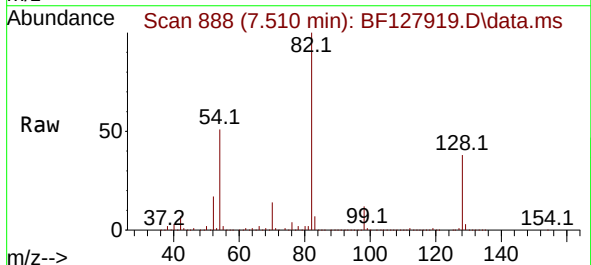
Delta R.T. -0.253 min

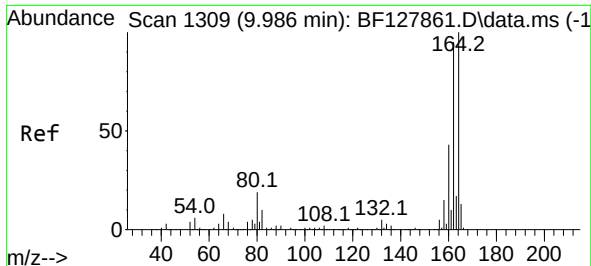
Lab File: BF127919.D

Acq: 26 Apr 2022 18:17

Tgt Ion: 82 Resp: 1001668

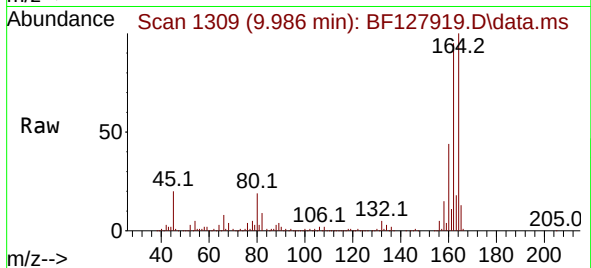
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	12.5	18.7#



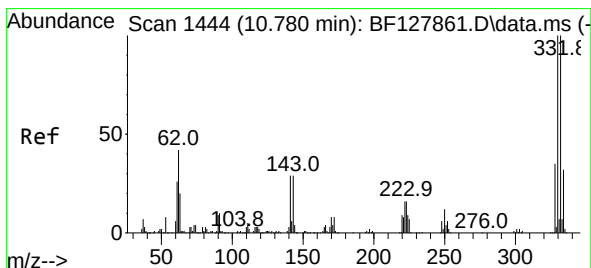
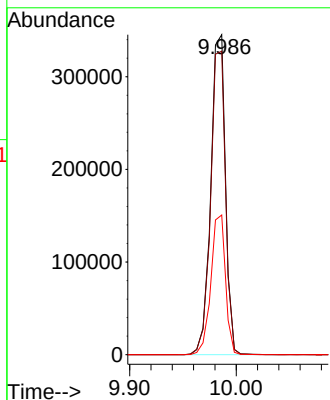
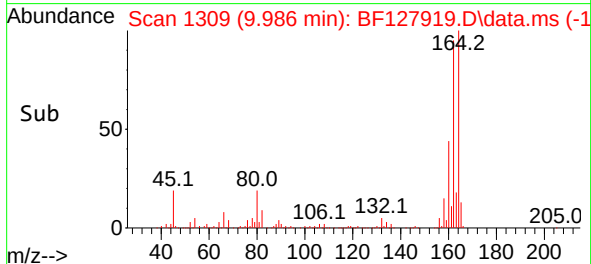


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

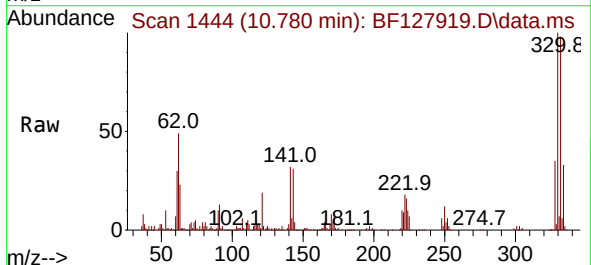
Instrument :
BNA_F
ClientSampleId :
C4



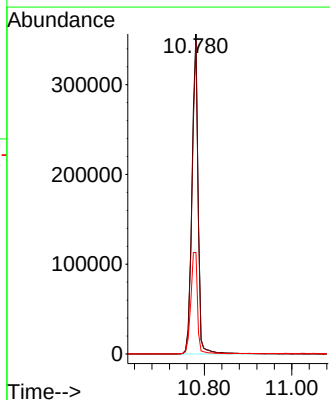
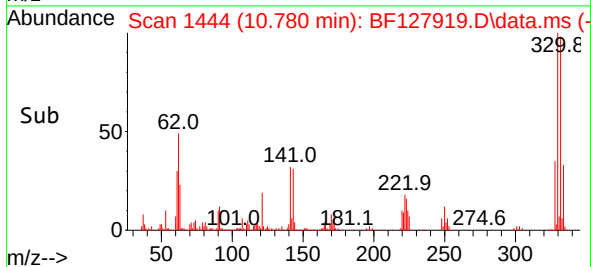
Tgt Ion:164 Resp: 330567
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 43.6 34.8 52.2

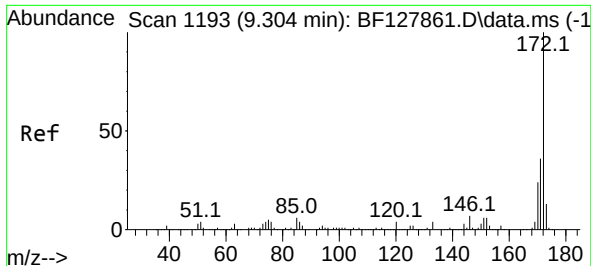


#42
2,4,6-Tribromophenol
Concen: 103.832 ng
RT: 10.780 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17



Tgt Ion:330 Resp: 345525
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 35.0 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 84.514 ng

RT: 9.304 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BF127919.D

Acq: 26 Apr 2022 18:17

Instrument :

BNA_F

ClientSampleId :

C4

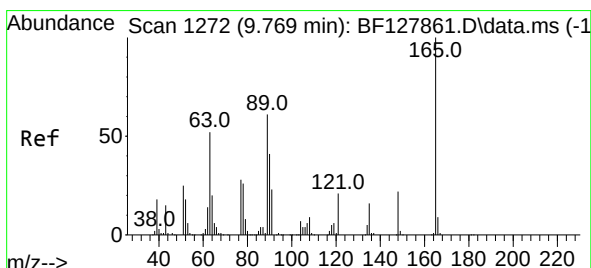
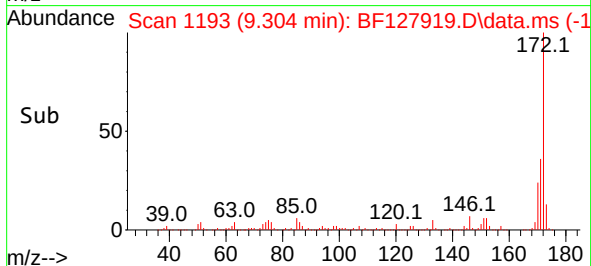
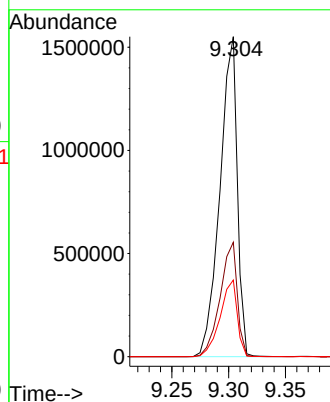
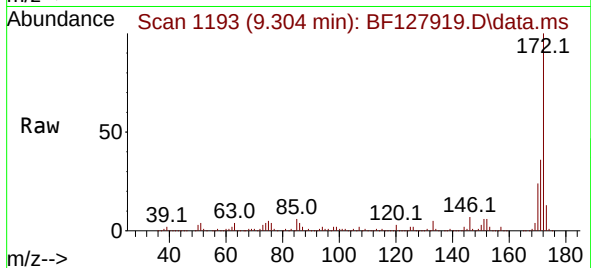
Tgt Ion:172 Resp: 1651397

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.9 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.099 ng

RT: 9.981 min Scan# 1308

Delta R.T. 0.212 min

Lab File: BF127919.D

Acq: 26 Apr 2022 18:17

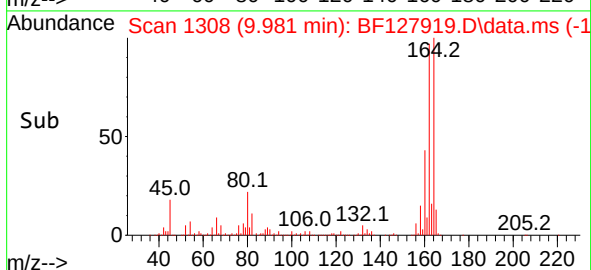
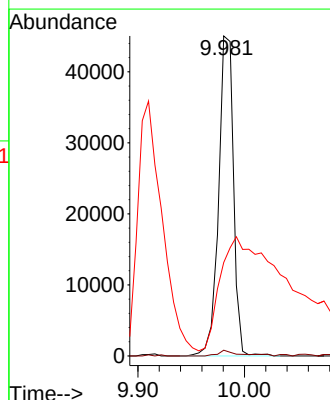
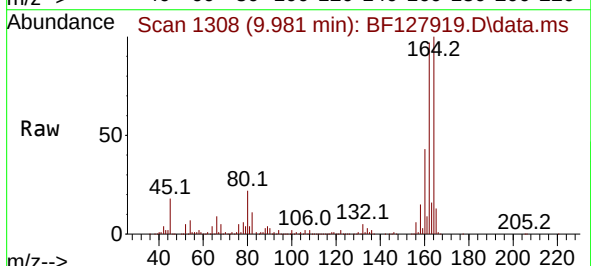
Tgt Ion:165 Resp: 43674

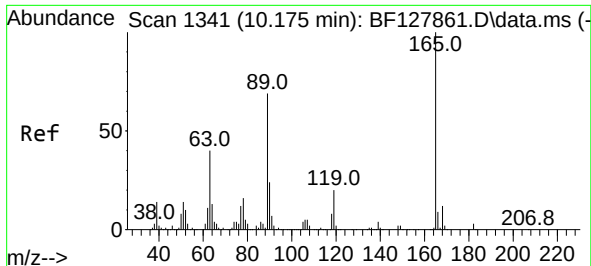
Ion Ratio Lower Upper

165 100

63 1.8 49.5 74.3#

89 29.2 49.0 73.4#

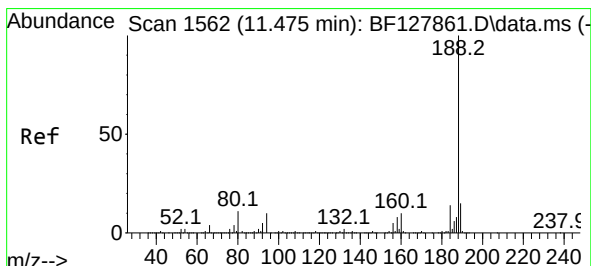
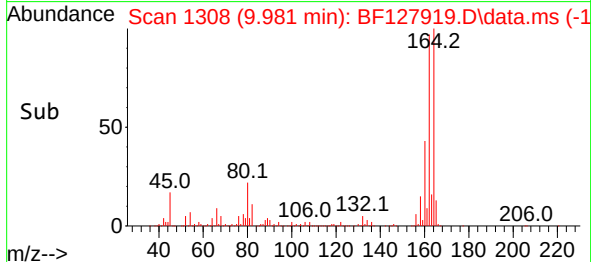
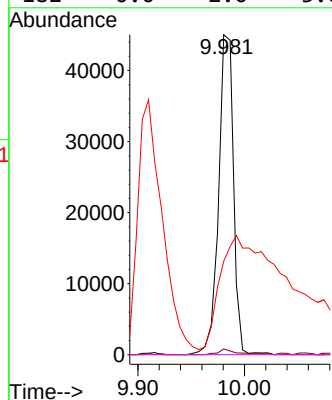
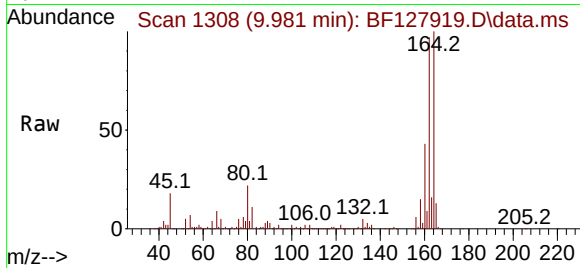




#57
2,4-Dinitrotoluene
Concen: 6.869 ng
RT: 9.981 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

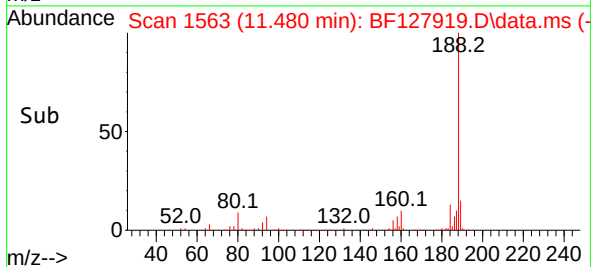
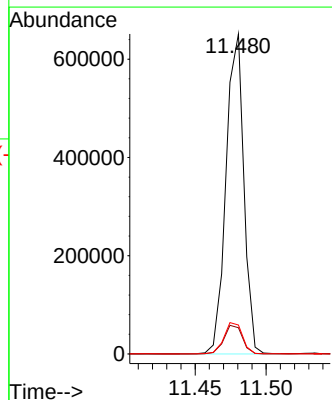
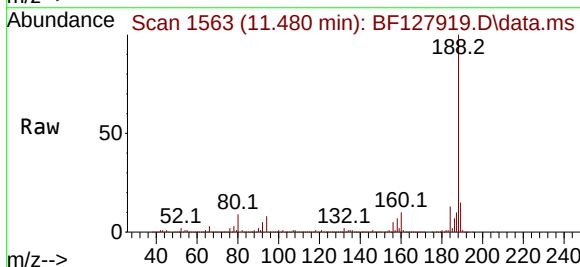
Instrument :
BNA_F
ClientSampleId :
C4

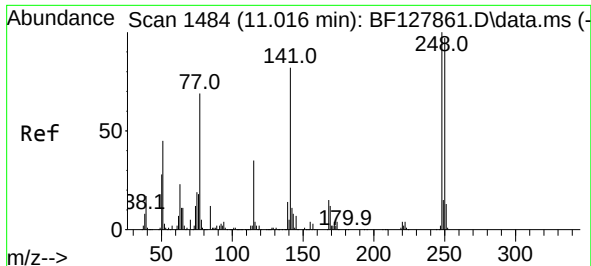
Tgt Ion:165 Resp: 43674
Ion Ratio Lower Upper
165 100
63 1.8 32.6 49.0#
89 29.2 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion:188 Resp: 566009
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.1 8.9 13.3

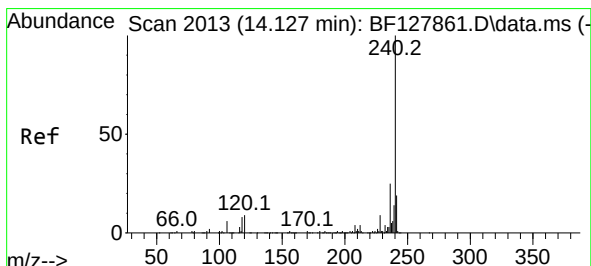
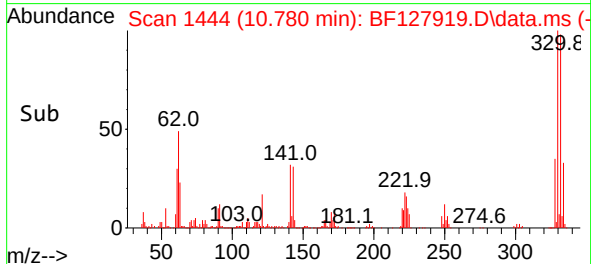
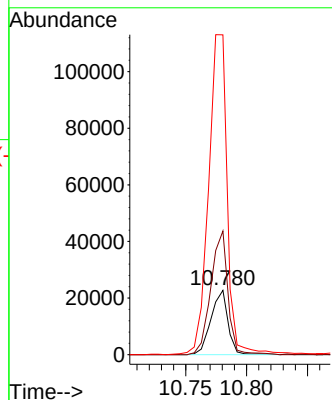
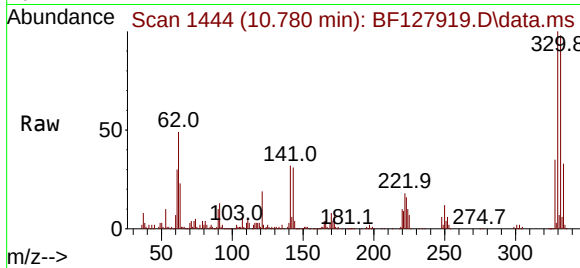




#67
4-Bromophenyl-phenylether
Concen: 3.517 ng
RT: 10.780 min Scan# 1484
Delta R.T. -0.235 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

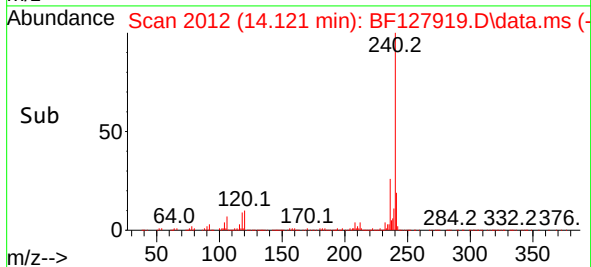
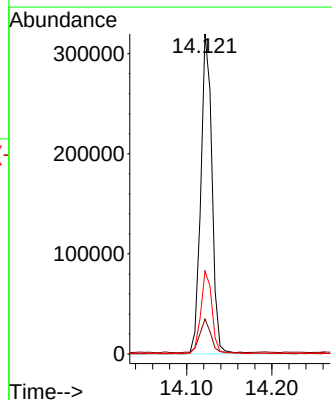
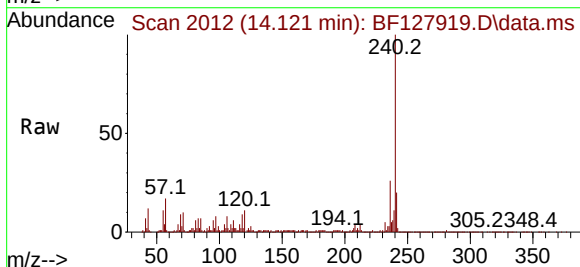
Instrument :
BNA_F
ClientSampleId :
C4

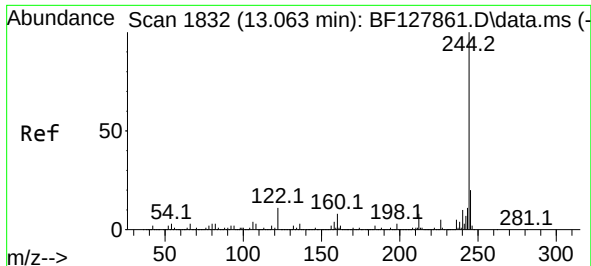
Tgt Ion:248 Resp: 22065
Ion Ratio Lower Upper
248 100
250 192.3 77.7 116.5#
141 496.9 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF127919.D
Acq: 26 Apr 2022 18:17

Tgt Ion:240 Resp: 291061
Ion Ratio Lower Upper
240 100
120 10.9 7.0 10.6#
236 25.9 20.3 30.5

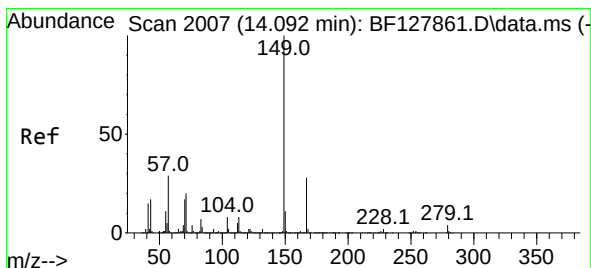
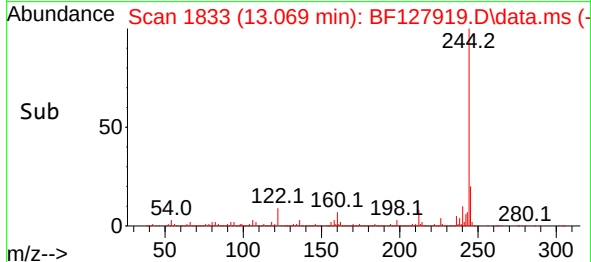
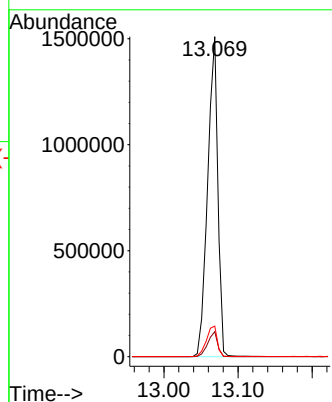
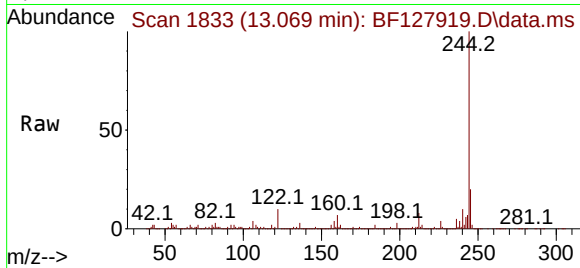




#79
 Terphenyl-d14
 Concen: 90.949 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127919.D
 Acq: 26 Apr 2022 18:17

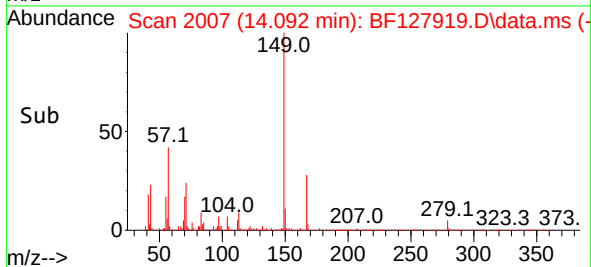
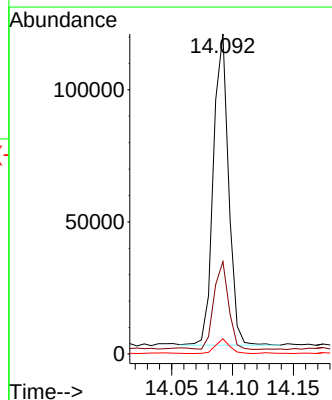
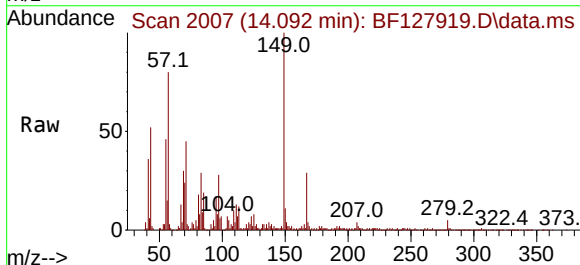
Instrument :
 BNA_F
 ClientSampleId :
 C4

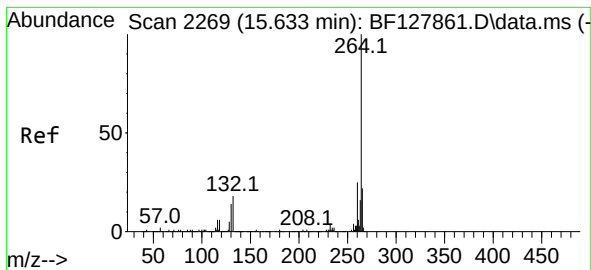
Tgt Ion:244 Resp: 1447676
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.5 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.382 ng
 RT: 14.092 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: BF127919.D
 Acq: 26 Apr 2022 18:17

Tgt Ion:149 Resp: 102371
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.0 33.0
 279 4.8 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF127919.D
 Acq: 26 Apr 2022 18:17

Instrument :
 BNA_F
 ClientSampleId :
 C4

Tgt Ion:264 Resp: 303978
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.1 30.1
 265 21.4 17.5 26.3

