

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
 Data File : BF127616.D
 Acq On : 01 Apr 2022 17:06
 Operator : CG\JU
 Sample : N2202-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHE

Quant Time: Apr 01 17:56:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

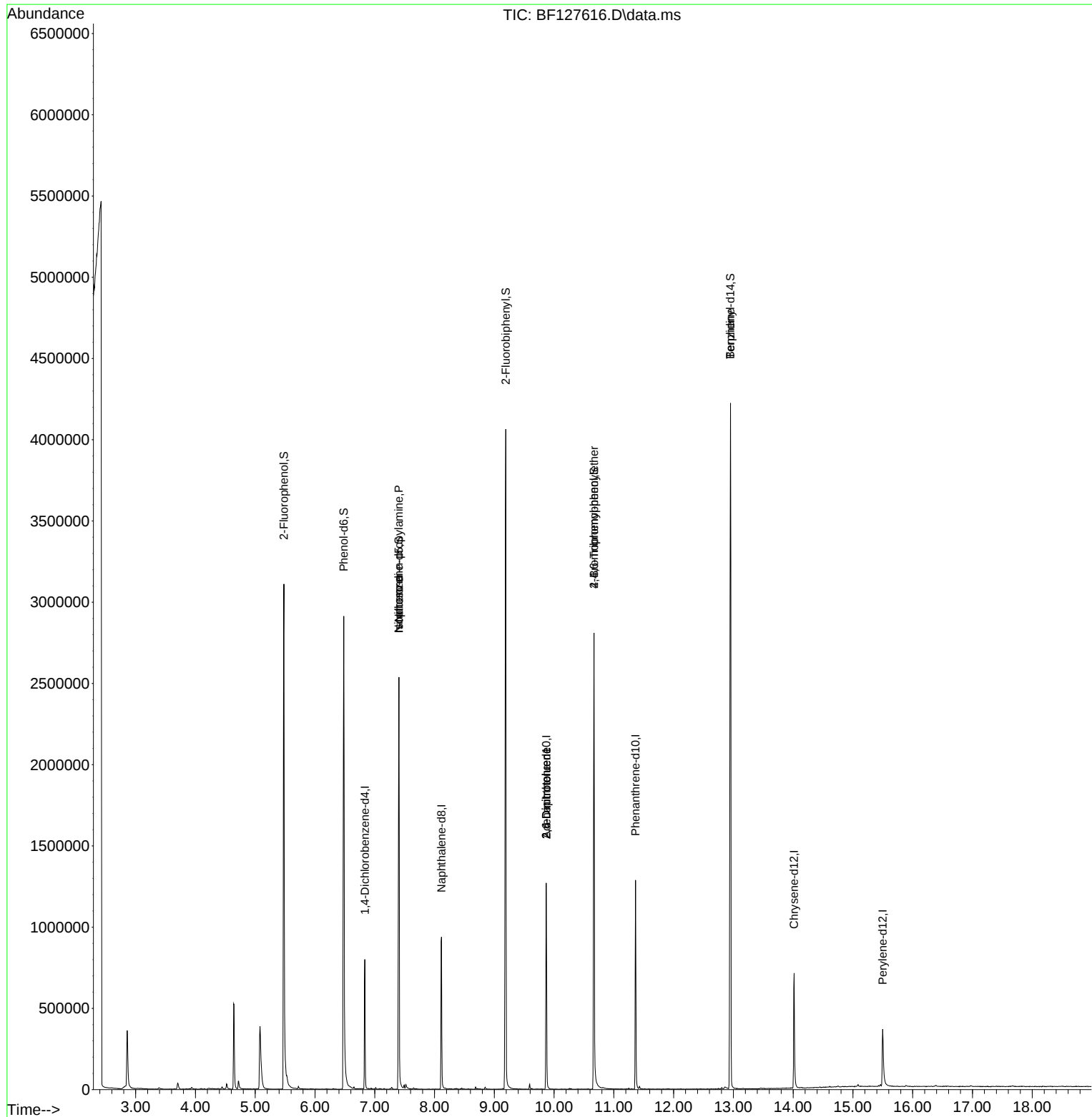
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	112550	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	427737	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	247838	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	445728	20.000	ng	0.00
76) Chrysene-d12	14.016	240	288154	20.000	ng	0.00
86) Perylene-d12	15.498	264	211232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	889488	126.150	ng	0.02
7) Phenol-d6	6.481	99	1131926	117.442	ng	0.00
23) Nitrobenzene-d5	7.404	82	895300	89.472	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	363834	137.810	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1460200	86.033	ng	0.00
79) Terphenyl-d14	12.951	244	1731683	98.378	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1835	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	121775	21.078	ng	# 80
25) Isophorone	7.404	82	895292	56.175	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	32092	8.867	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	32093	6.889	ng	# 14
58) Fluorene	10.669	166	13983	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.669	248	23997	4.611	ng	# 1
77) Benzidine	12.951	184	21523	3.133	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040122\
Data File : BF127616.D
Acq On : 01 Apr 2022 17:06
Operator : CG\JU
Sample : N2202-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHE

Quant Time: Apr 01 17:56:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

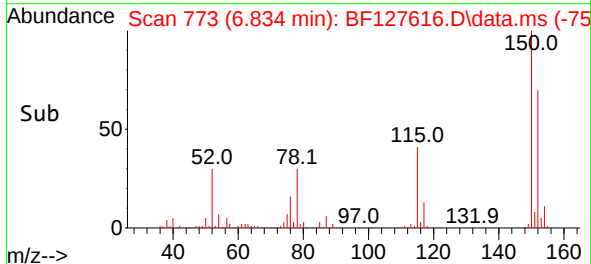
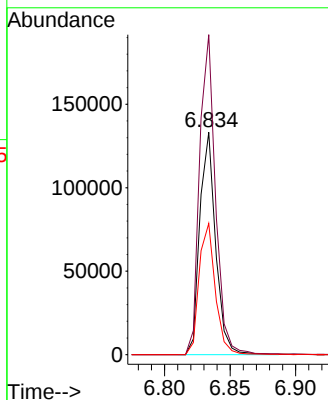
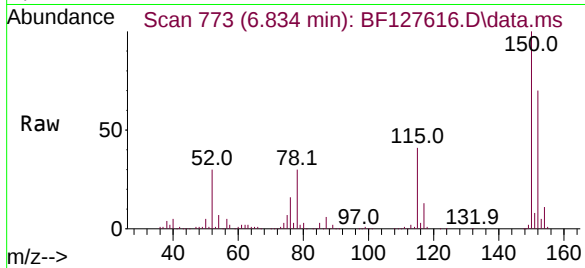




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

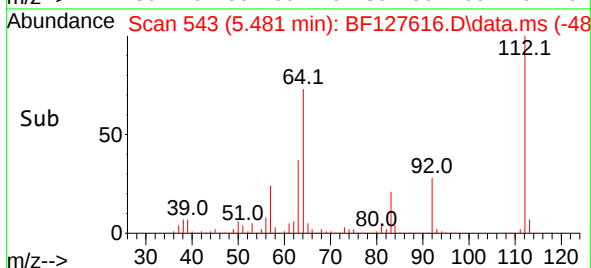
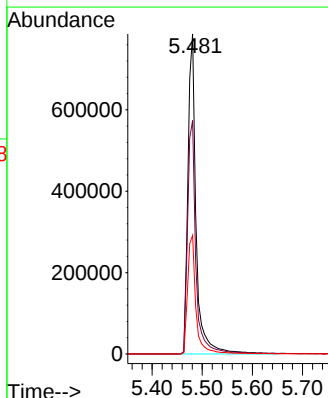
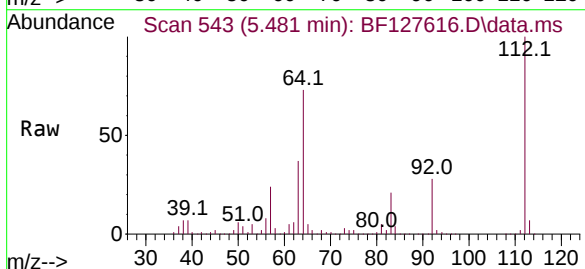
Instrument :
BNA_F
ClientSampleId :
MHE

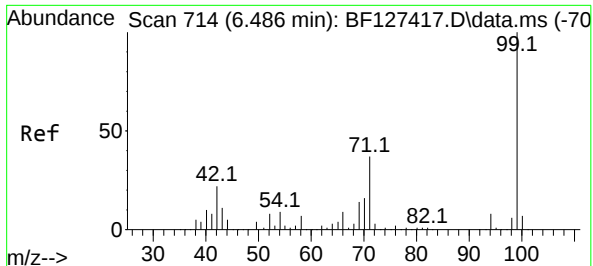
Tgt Ion:152 Resp: 112550
Ion Ratio Lower Upper
152 100
150 143.9 117.2 175.8
115 59.0 49.8 74.6



#5
2-Fluorophenol
Concen: 126.150 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.024 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

Tgt Ion:112 Resp: 889488
Ion Ratio Lower Upper
112 100
64 73.0 58.4 87.6
63 37.1 30.1 45.1





#7

Phenol-d6

Concen: 117.442 ng

RT: 6.481 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF127616.D

Acq: 01 Apr 2022 17:06

Instrument :

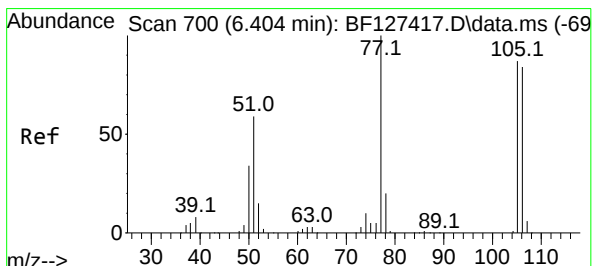
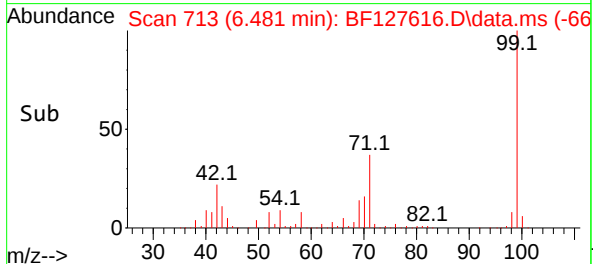
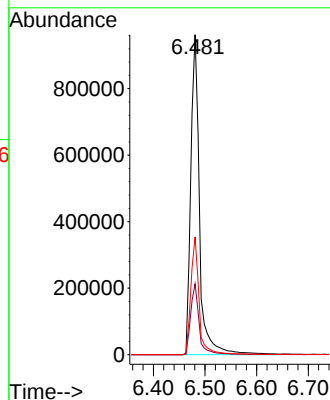
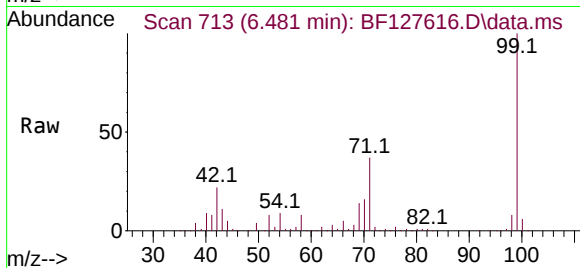
BNA_F

ClientSampleId :

MHE

Tgt Ion: 99 Resp: 1131926

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.8	26.6
71	36.8	29.6	44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

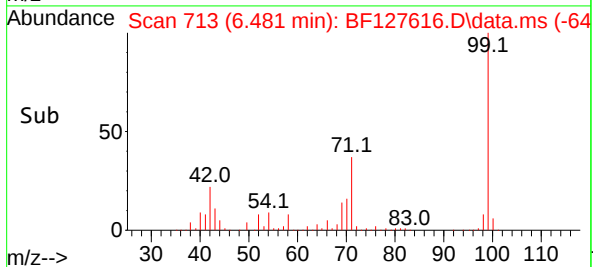
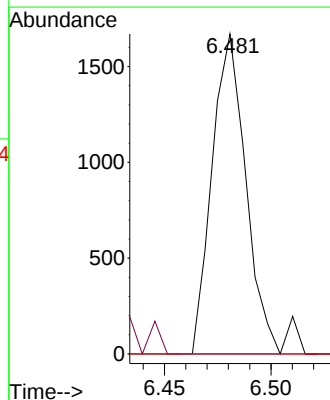
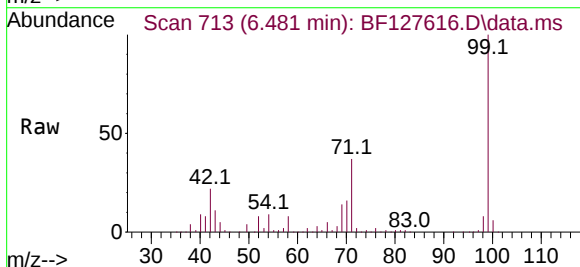
Delta R.T. 0.088 min

Lab File: BF127616.D

Acq: 01 Apr 2022 17:06

Tgt Ion: 77 Resp: 1835

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 21.078 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127616.D

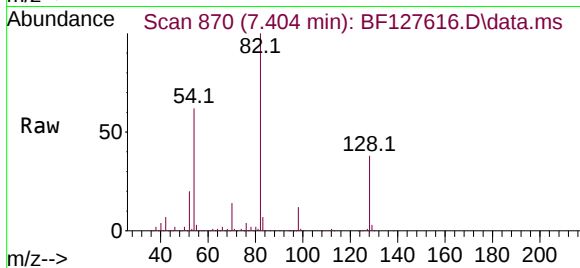
Acq: 01 Apr 2022 17:06

Instrument :

BNA_F

ClientSampleId :

MHE



Tgt Ion: 70 Resp: 121775

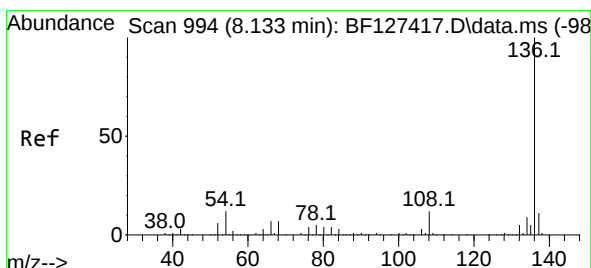
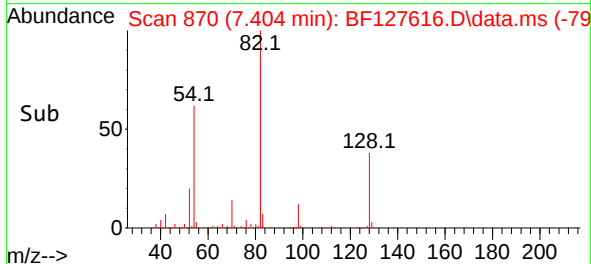
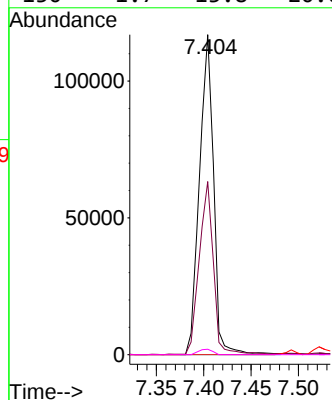
Ion Ratio Lower Upper

70 100

42 54.1 53.0 79.6

101 0.0 6.8 10.2#

130 1.7 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127616.D

Acq: 01 Apr 2022 17:06

Tgt Ion: 136 Resp: 427737

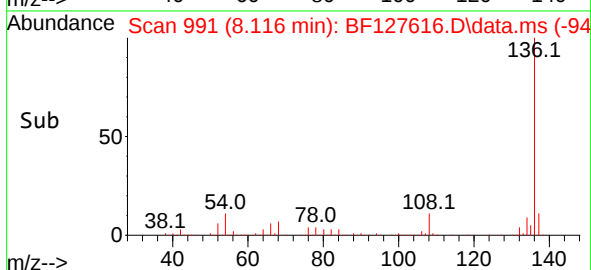
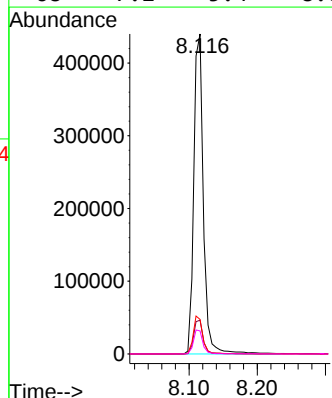
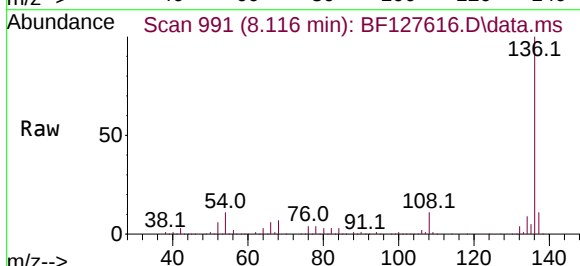
Ion Ratio Lower Upper

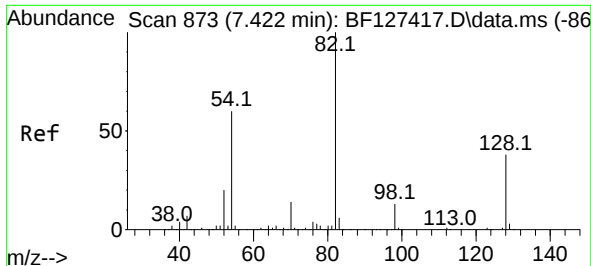
136 100

137 10.5 8.6 13.0

54 10.8 9.2 13.8

68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 89.472 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127616.D

Acq: 01 Apr 2022 17:06

Instrument :

BNA_F

ClientSampleId :

MHE

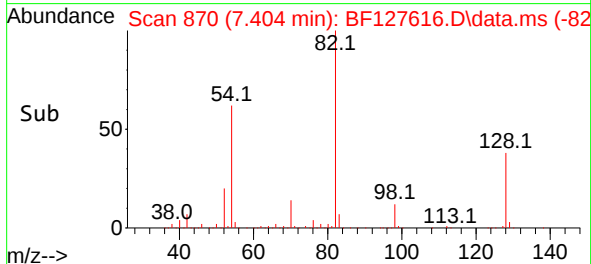
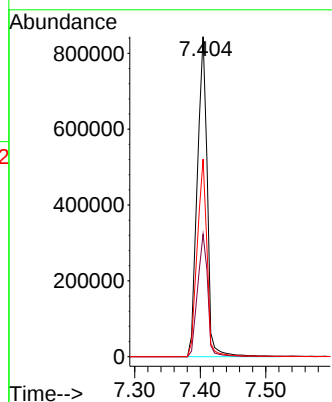
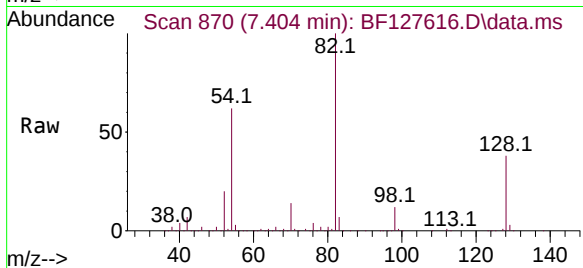
Tgt Ion: 82 Resp: 895300

Ion Ratio Lower Upper

82 100

128 38.3 30.6 45.8

54 61.7 48.2 72.2



#25

Isophorone

Concen: 56.175 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.259 min

Lab File: BF127616.D

Acq: 01 Apr 2022 17:06

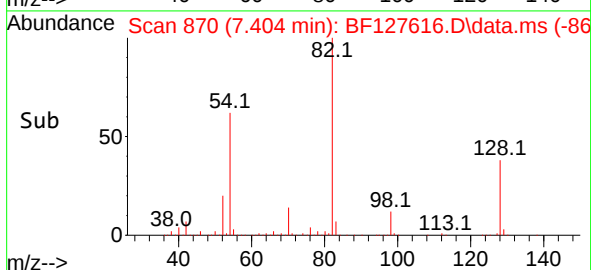
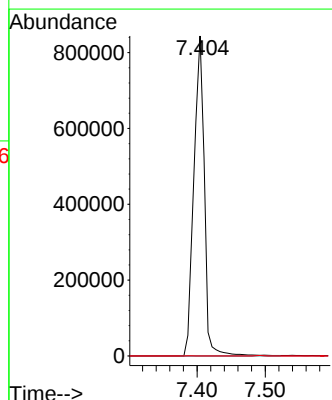
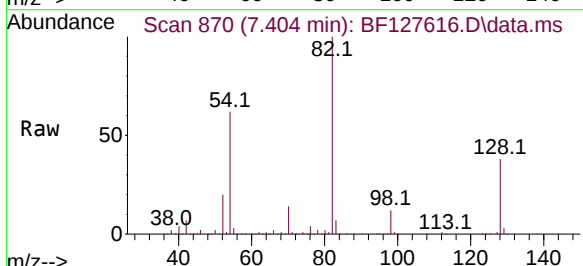
Tgt Ion: 82 Resp: 895292

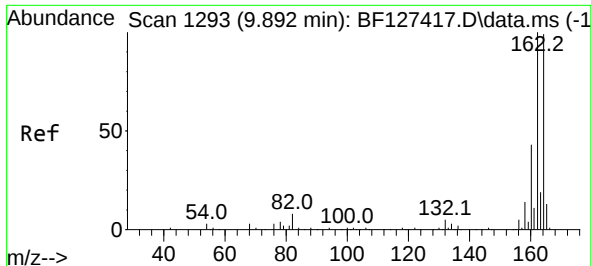
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

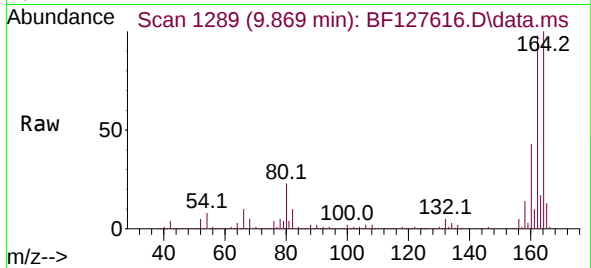
138 0.0 11.6 17.4#



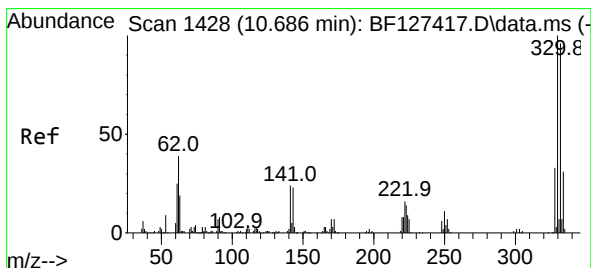
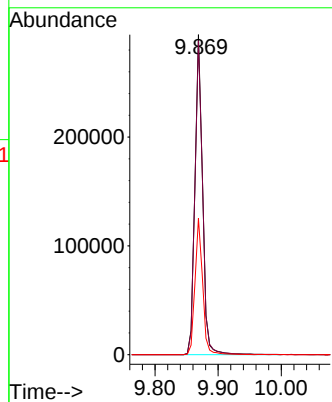
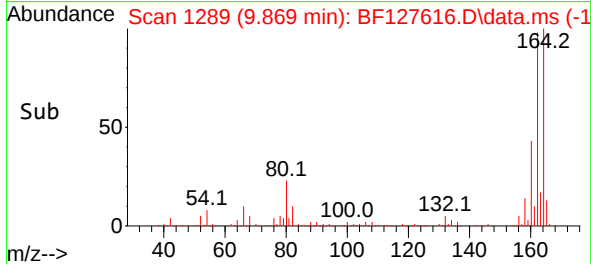


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

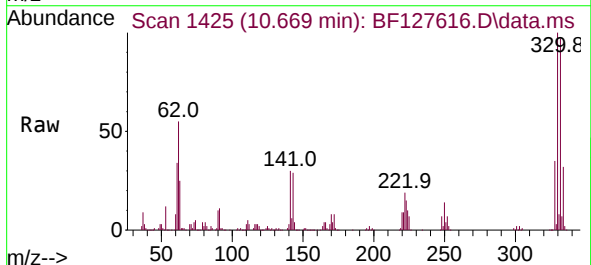
Instrument :
BNA_F
ClientSampleId :
MHE



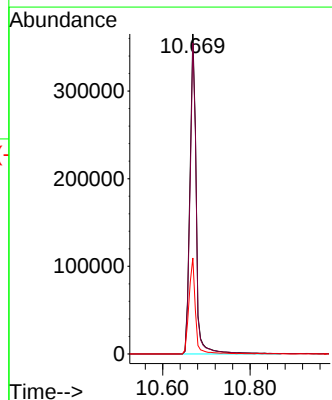
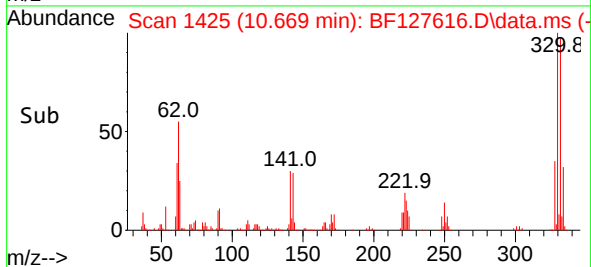
Tgt Ion:164 Resp: 247838
Ion Ratio Lower Upper
164 100
162 98.1 81.2 121.8
160 42.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 137.810 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06



Tgt Ion:330 Resp: 363834
Ion Ratio Lower Upper
330 100
332 95.2 79.1 118.7
141 30.5 26.2 39.4

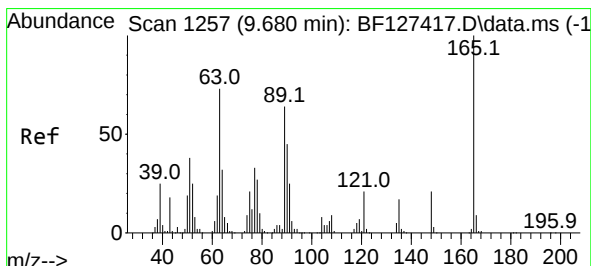
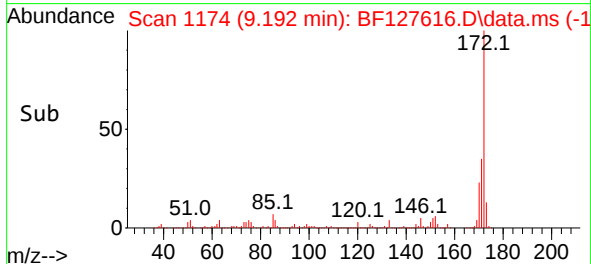
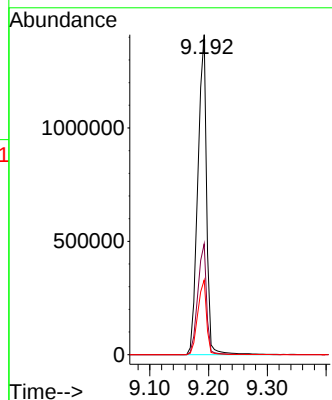
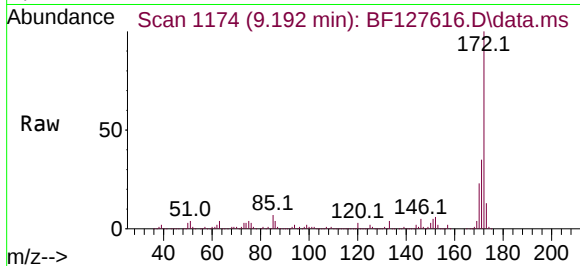




#45
2-Fluorobiphenyl
Concen: 86.033 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

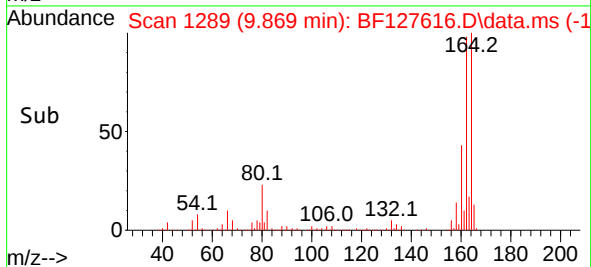
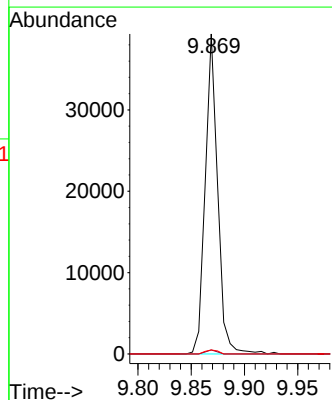
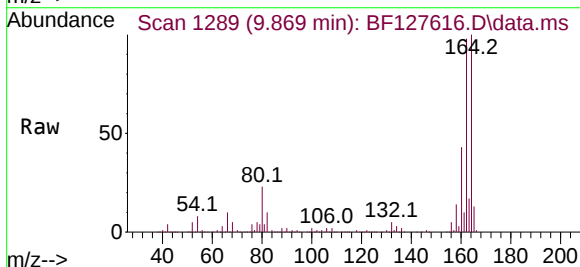
Instrument :
BNA_F
ClientSampleId :
MHE

Tgt Ion:172 Resp: 1460200
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.3 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.867 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

Tgt Ion:165 Resp: 32092
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.3 51.5 77.3#

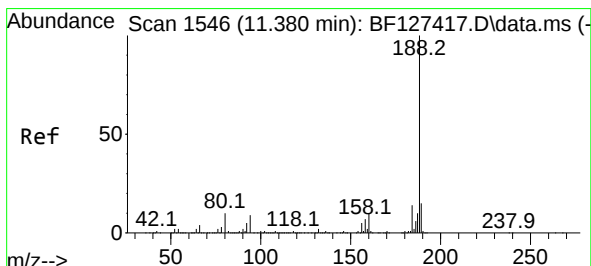
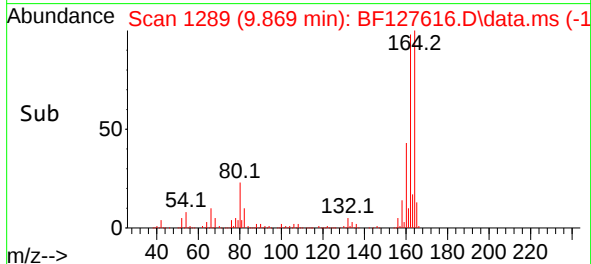
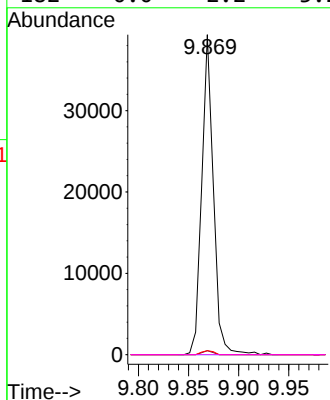
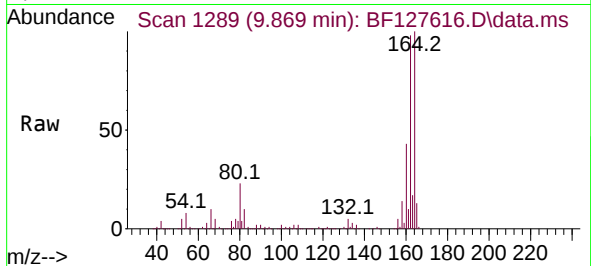




#57
2,4-Dinitrotoluene
Concen: 6.889 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

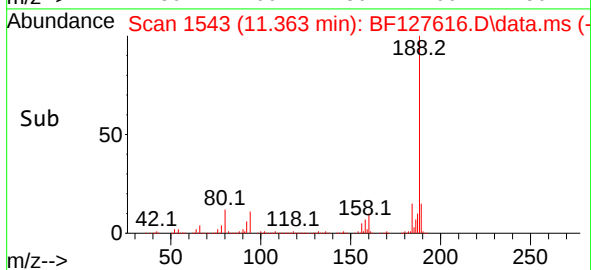
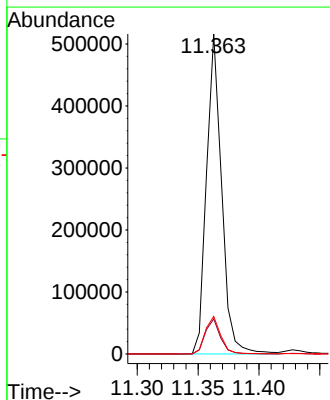
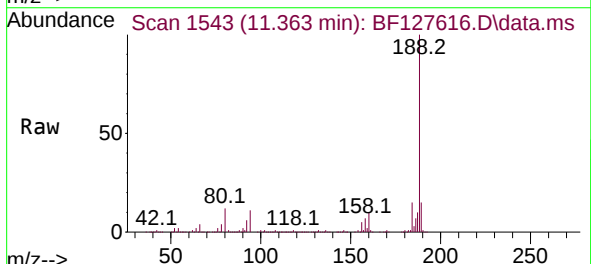
Instrument :
BNA_F
ClientSampleId :
MHE

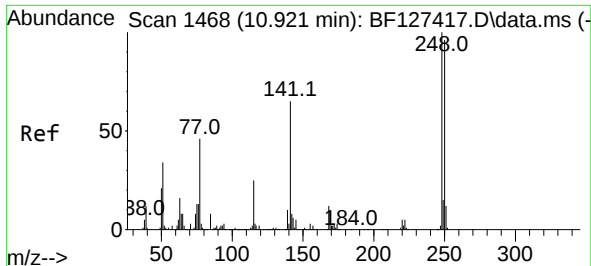
Tgt Ion:165 Resp: 32093
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

Tgt Ion:188 Resp: 445728
Ion Ratio Lower Upper
188 100
94 11.0 7.4 11.0
80 11.7 8.0 12.0

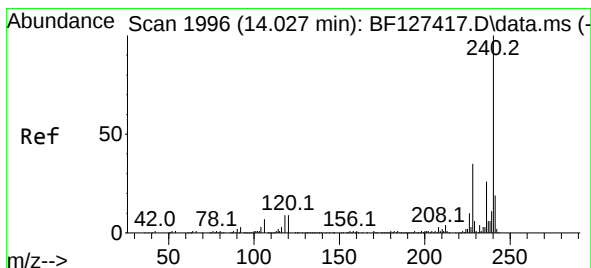
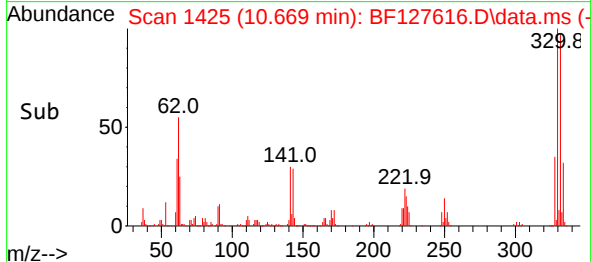
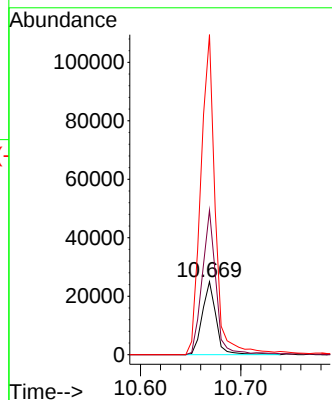
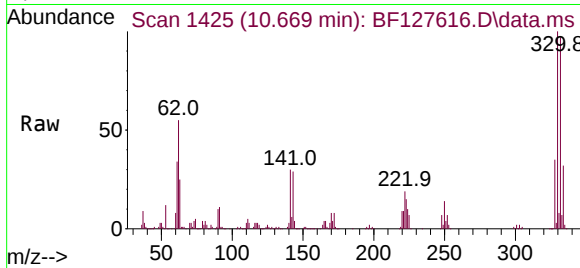




#67
4-Bromophenyl-phenylether
Concen: 4.611 ng
RT: 10.669 min Scan# 1468
Delta R.T. -0.235 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

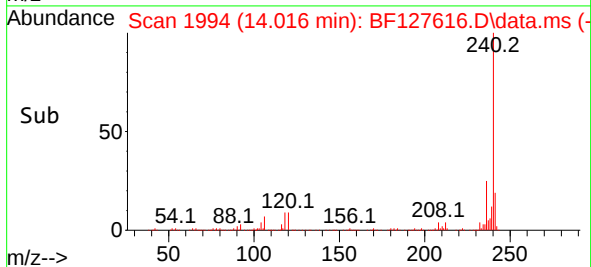
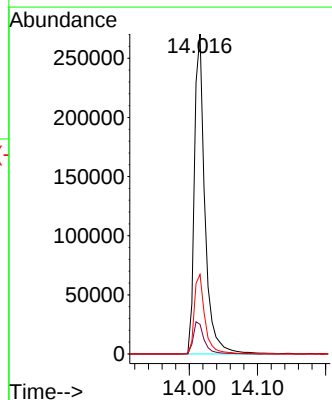
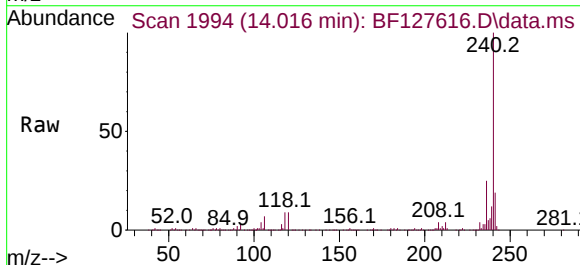
Instrument :
BNA_F
ClientSampleId :
MHE

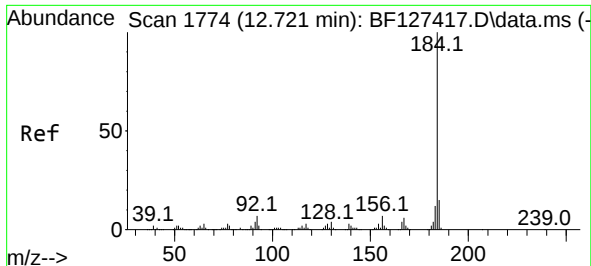
Tgt Ion:248 Resp: 23997
Ion Ratio Lower Upper
248 100
250 198.2 76.6 115.0#
141 439.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

Tgt Ion:240 Resp: 288154
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 24.9 20.7 31.1

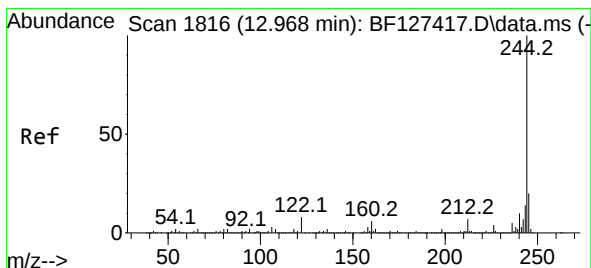
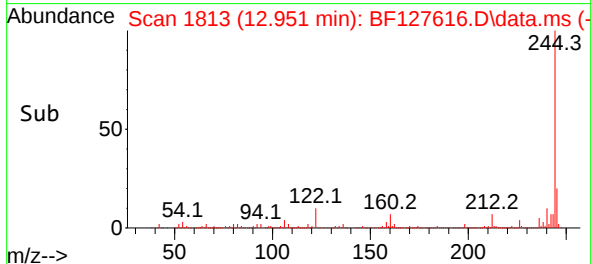
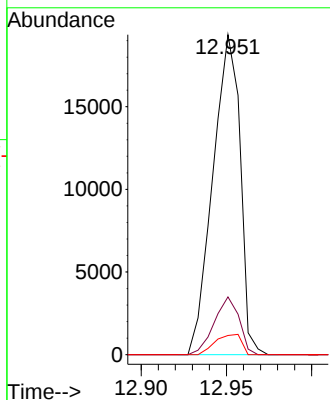
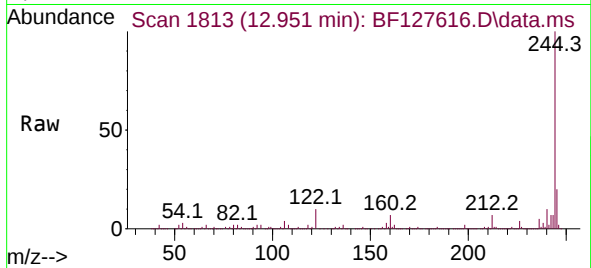




#77
Benzidine
Concen: 3.133 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.241 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

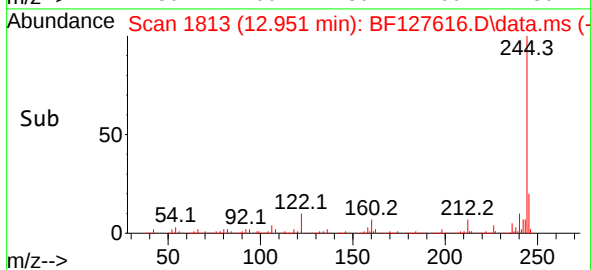
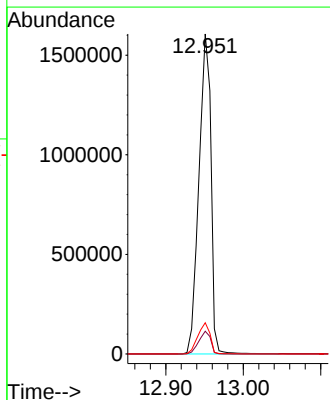
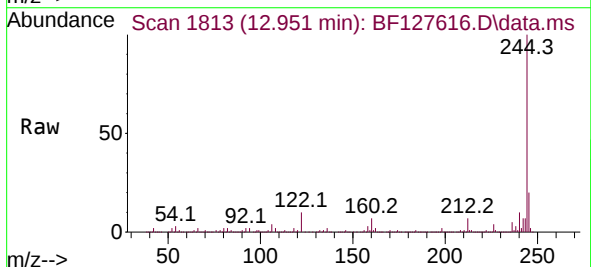
Instrument :
BNA_F
ClientSampleId :
MHE

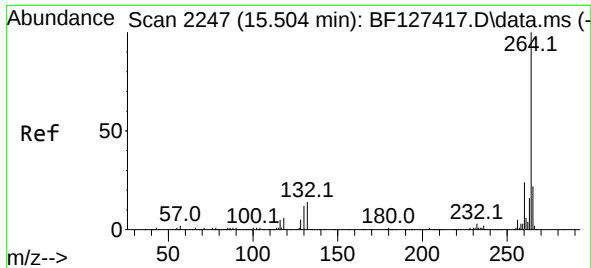
Tgt Ion:184 Resp: 21523
Ion Ratio Lower Upper
184 100
185 18.0 12.2 18.2
183 6.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 98.378 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127616.D
Acq: 01 Apr 2022 17:06

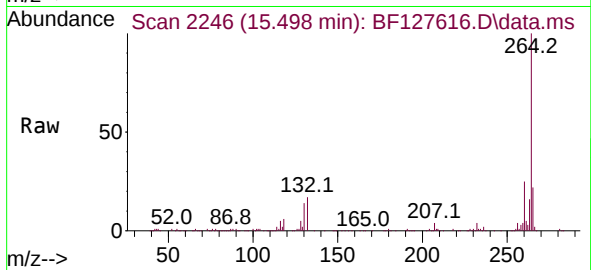
Tgt Ion:244 Resp: 1731683
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.7 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127616.D
 Acq: 01 Apr 2022 17:06

Instrument :
 BNA_F
 ClientSampleId :
 MHE



Tgt Ion:264 Resp: 211232
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 21.8 17.4 26.2

