

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124802.D
 Acq On : 27 Jul 2021 19:51
 Operator : JU/CG
 Sample : M3165-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2

Quant Time: Jul 28 03:07:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

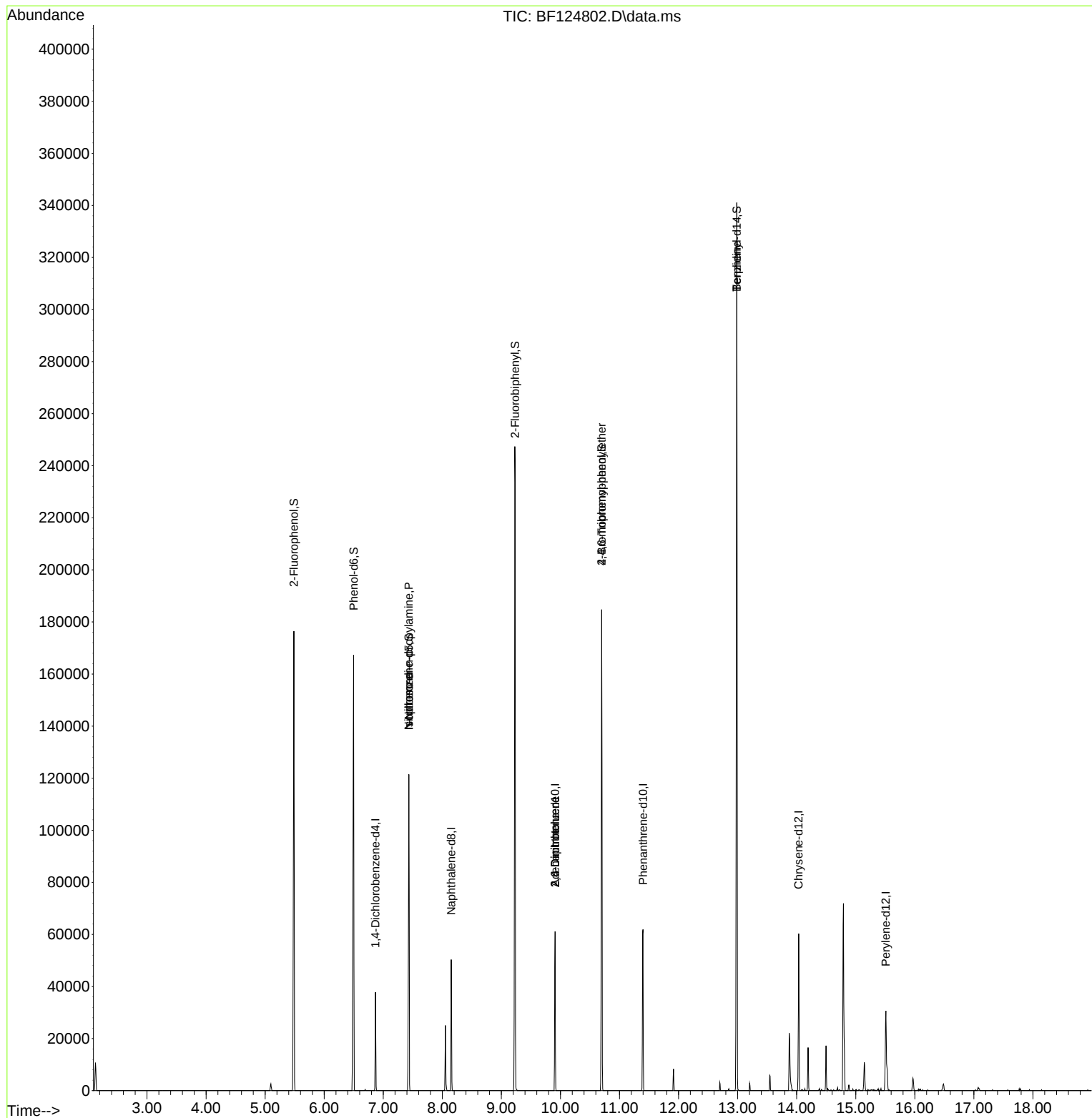
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5203	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	20480	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	11753	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	24724	20.00	ng	0.00
76) Chrysene-d12	14.033	240	20716	20.00	ng	0.00
86) Perylene-d12	15.509	264	15489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	46673	151.88	ng	0.00
7) Phenol-d6	6.498	99	56290	146.12	ng	0.00
23) Nitrobenzene-d5	7.433	82	37805	109.87	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	18510	183.43	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	80394	100.47	ng	0.00
79) Terphenyl-d14	12.986	244	117503	97.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	4906	23.85	ng	# 68
25) Isophorone	7.433	82	37805	62.13	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1622	9.07	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1622	6.69	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1481	5.65	ng	# 1
77) Benzidine	12.986	184	1754	3.00	ng	# 80

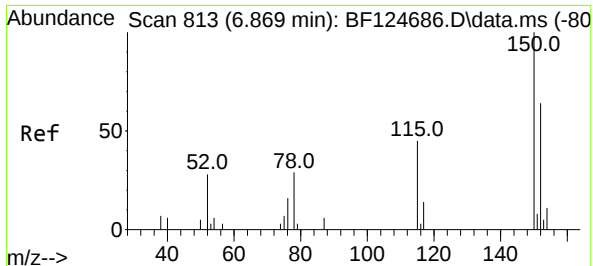
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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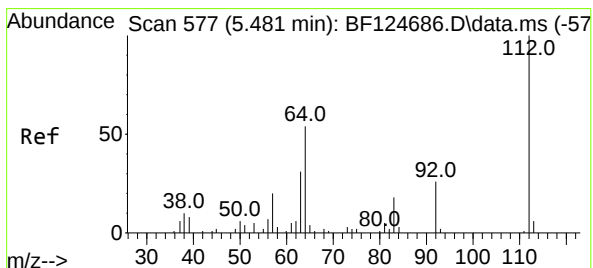
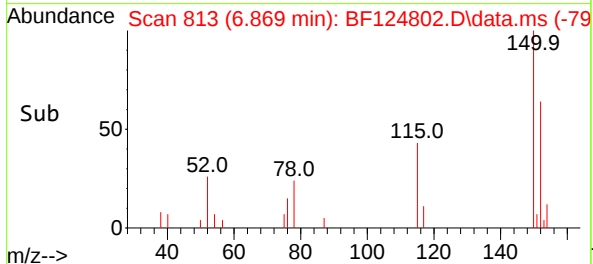
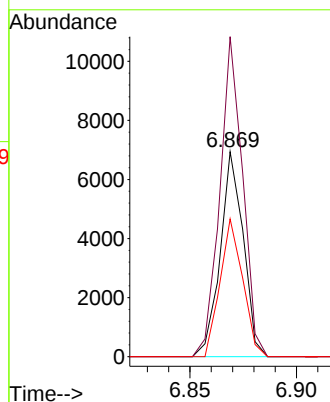
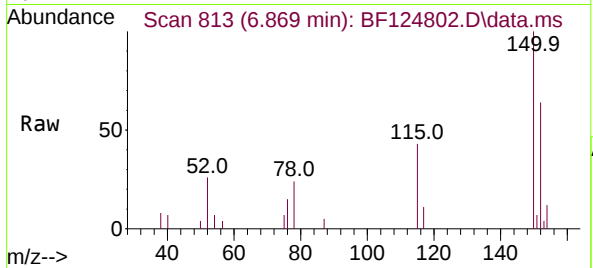




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

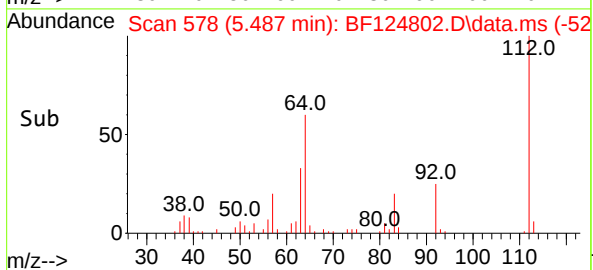
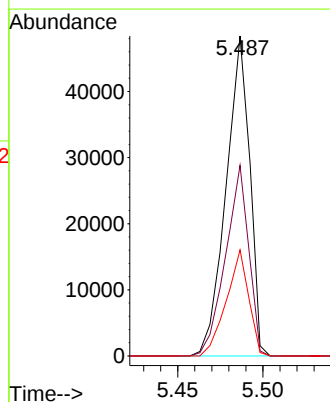
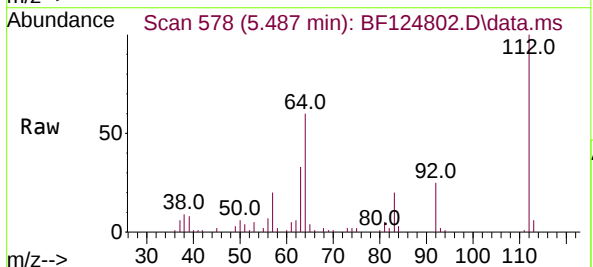
Instrument :
BNA_F
ClientSampleId :
COMP-2

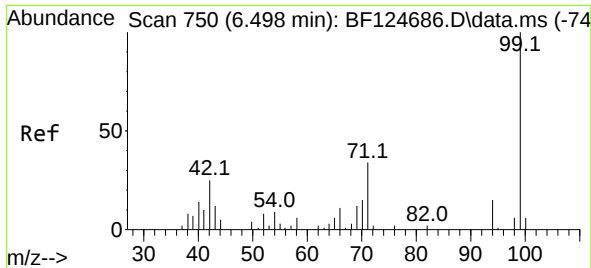
Tgt Ion:152 Resp: 5203
Ion Ratio Lower Upper
152 100
150 156.1 117.6 176.4
115 67.2 47.1 70.7



#5
2-Fluorophenol
Concen: 151.88 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion:112 Resp: 46673
Ion Ratio Lower Upper
112 100
64 59.6 44.2 66.2
63 33.2 26.2 39.2

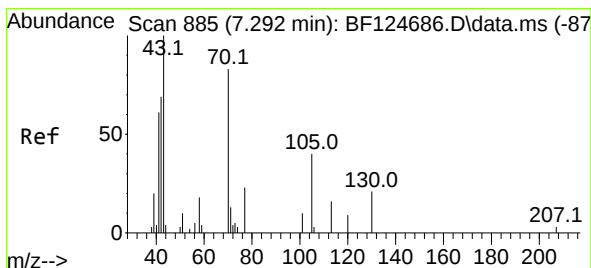
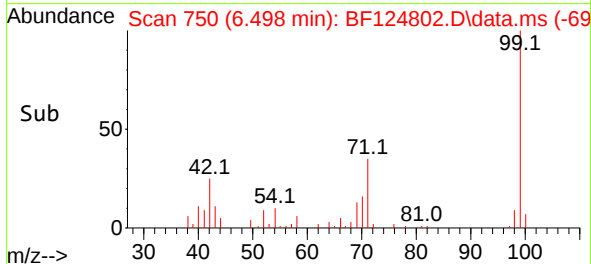
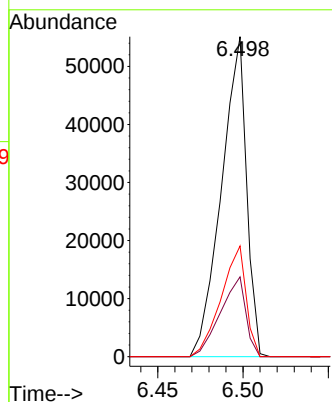
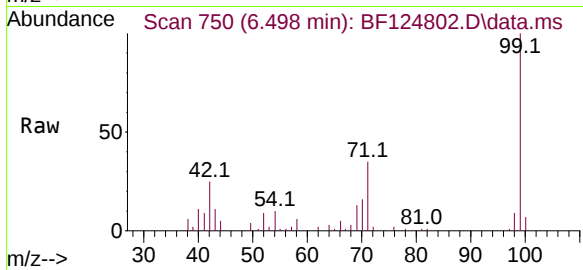




#7
Phenol-d6
Concen: 146.12 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

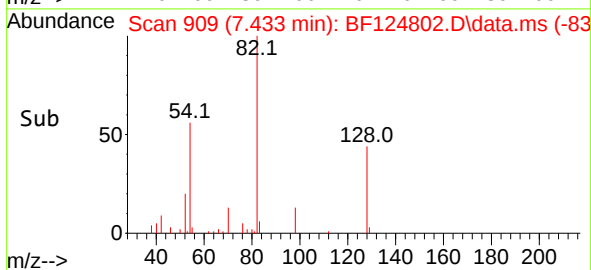
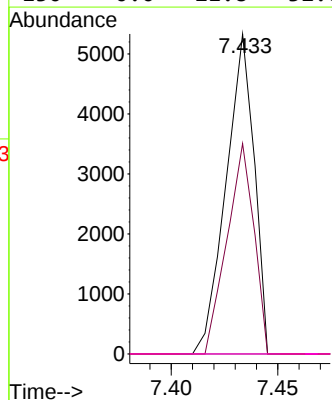
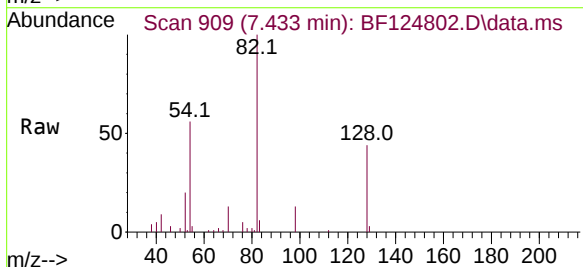
Instrument :
BNA_F
ClientSampled :
COMP-2

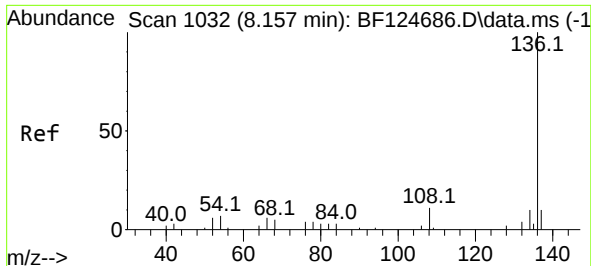
Tgt Ion:	99	Resp:	56290
Ion	Ratio	Lower	Upper
99	100		
42	25.0	23.5	35.3
71	34.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.85 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion:	70	Resp:	4906
Ion	Ratio	Lower	Upper
70	100		
42	65.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

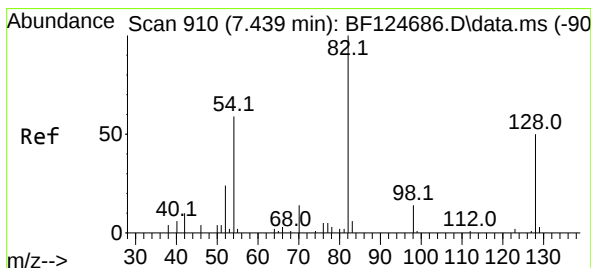
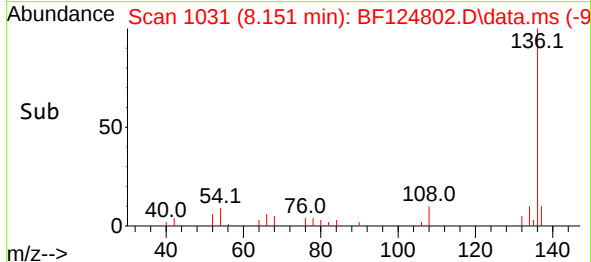
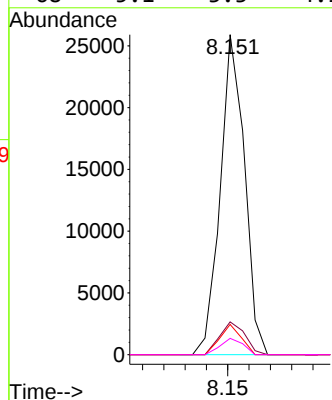
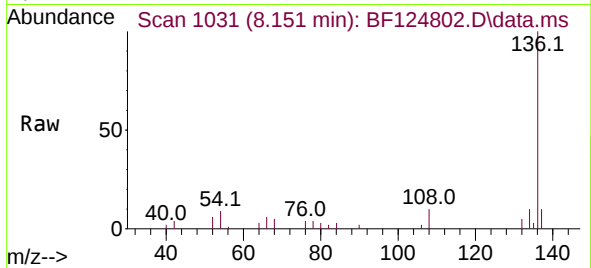




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

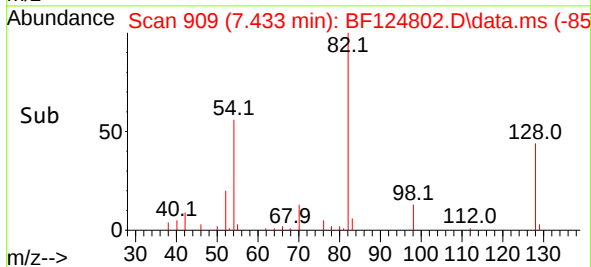
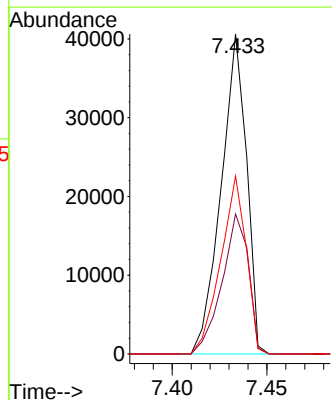
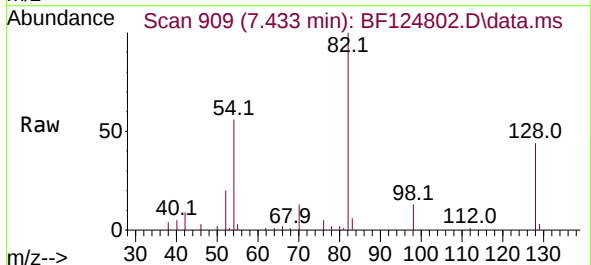
Instrument :
BNA_F
ClientSampled :
COMP-2

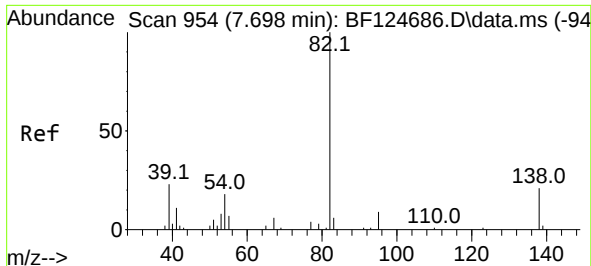
Tgt Ion:	136	Resp:	20480
Ion Ratio	Lower	Upper	
136	100		
137	10.2	9.8	14.6
54	9.4	6.4	9.6
68	5.1	3.3	4.9



#23
Nitrobenzene-d5
Concen: 109.87 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion:	82	Resp:	37805
Ion Ratio	Lower	Upper	
82	100		
128	43.8	40.6	60.8
54	55.6	49.6	74.4

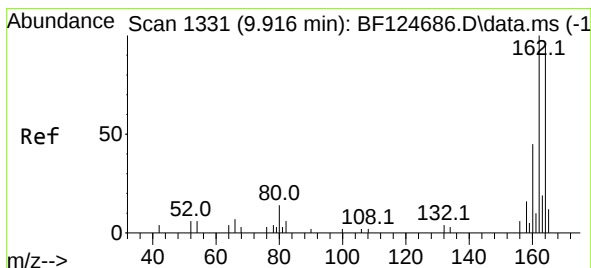
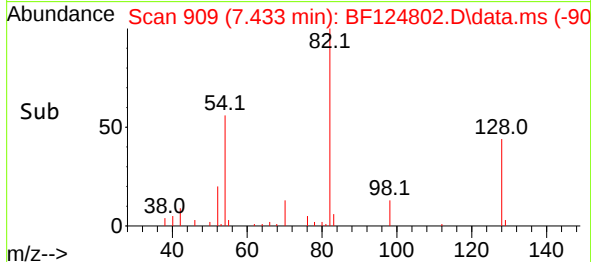
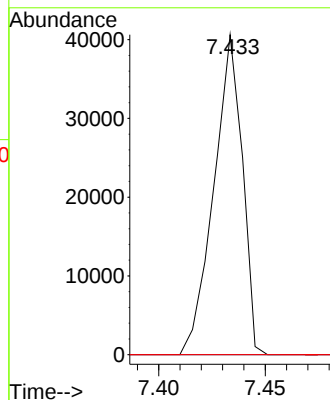
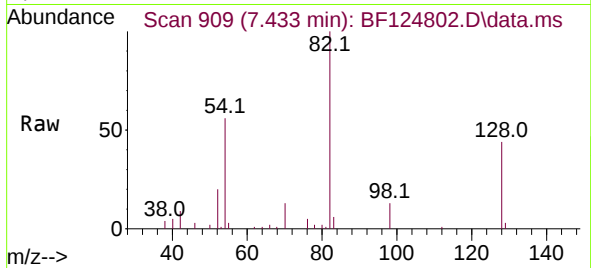




#25
Isophorone
Concen: 62.13 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

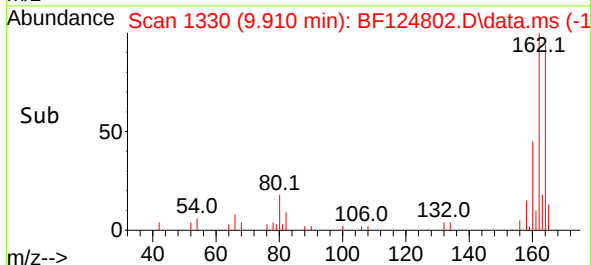
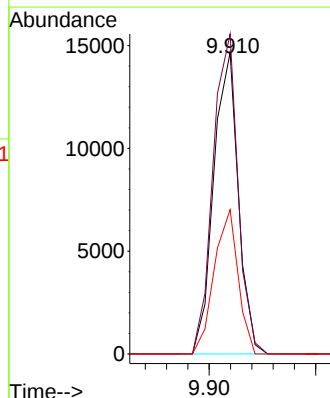
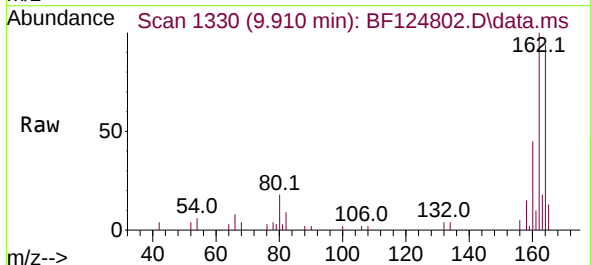
Instrument :
BNA_F
ClientSampleId :
COMP-2

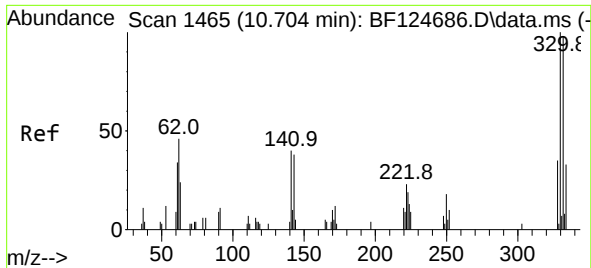
Tgt Ion: 82 Resp: 37805
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion: 164 Resp: 11753
Ion Ratio Lower Upper
164 100
162 106.2 81.3 121.9
160 47.9 38.0 57.0

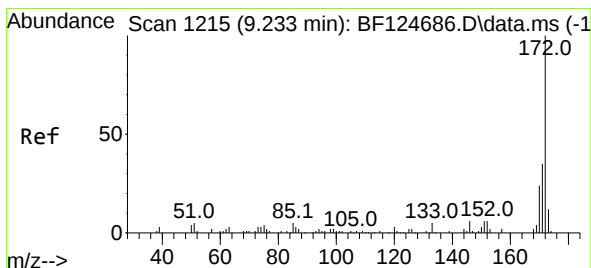
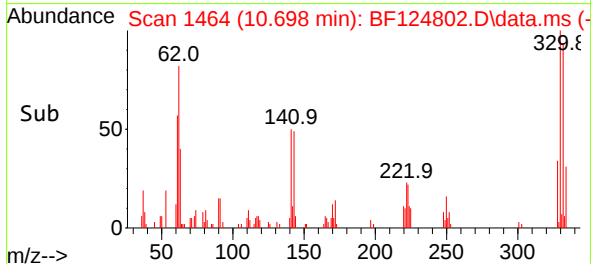
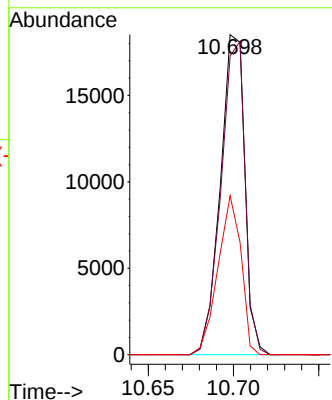
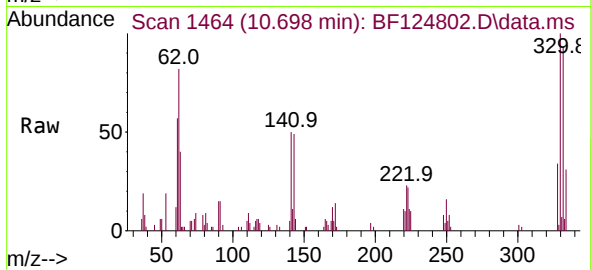




#42
2,4,6-Tribromophenol
Concen: 183.43 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

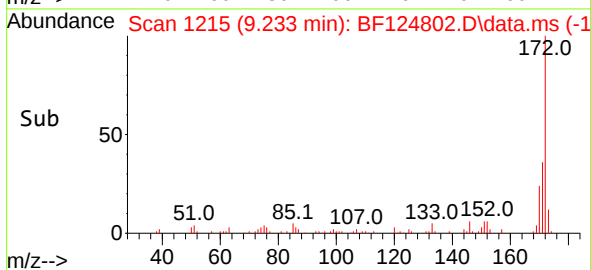
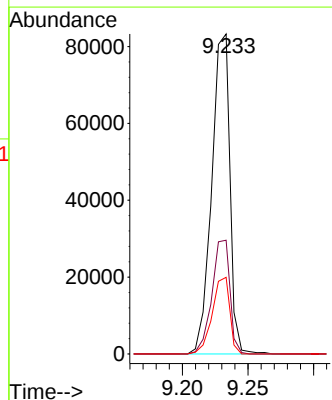
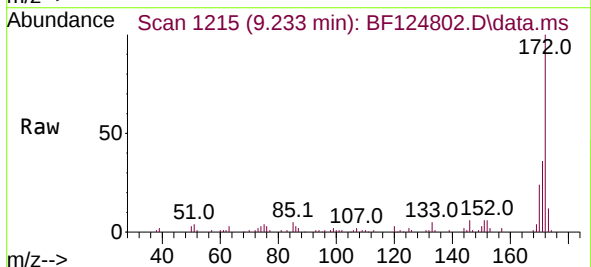
Instrument :
BNA_F
ClientSampleId :
COMP-2

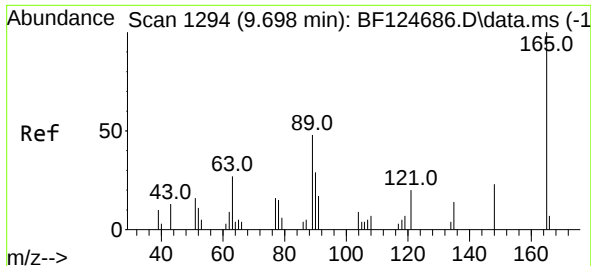
Tgt Ion: 330 Resp: 18510
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 46.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 100.47 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion: 172 Resp: 80394
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.9 18.8 28.2

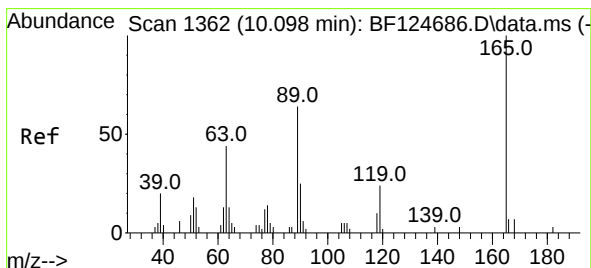
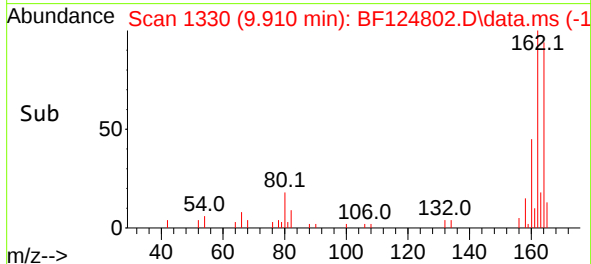
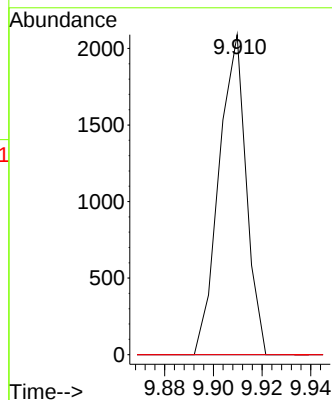
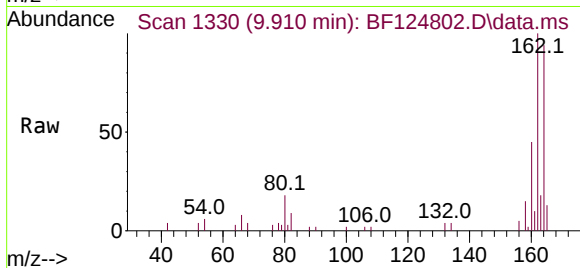




#51
2,6-Dinitrotoluene
Concen: 9.07 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

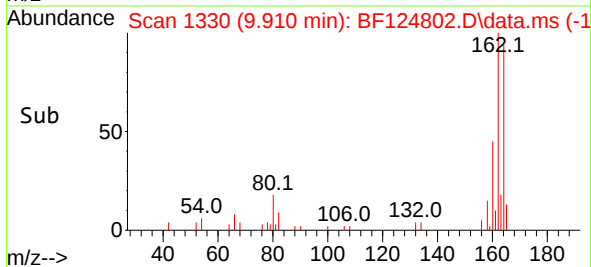
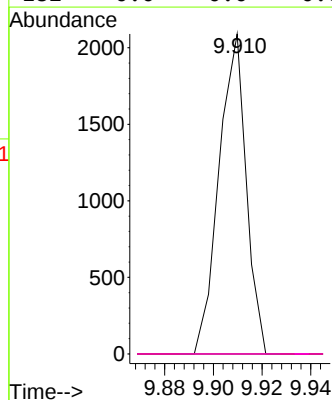
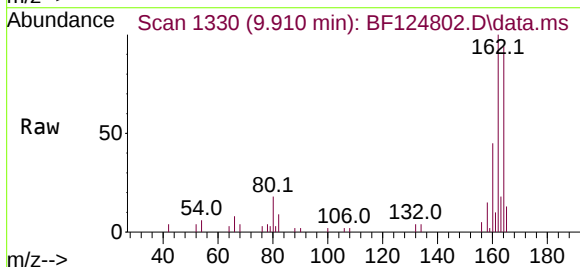
Instrument :
BNA_F
ClientSampled :
COMP-2

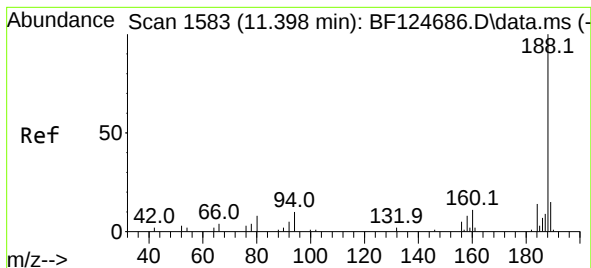
Tgt Ion:165 Resp: 1622
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion:165 Resp: 1622
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF124802.D

Acq: 27 Jul 2021 19:51

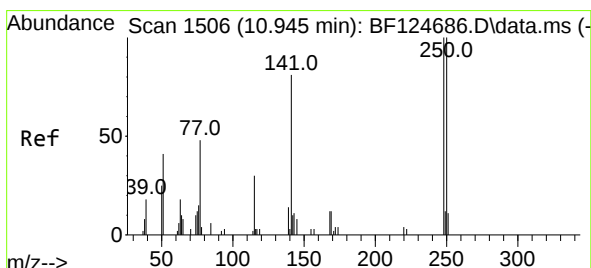
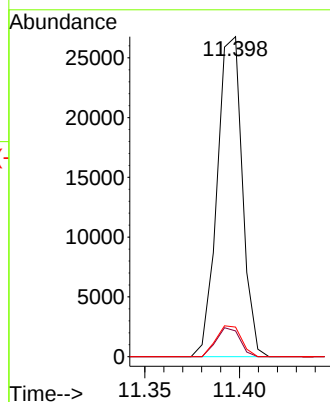
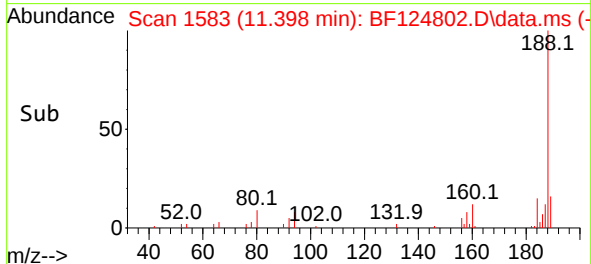
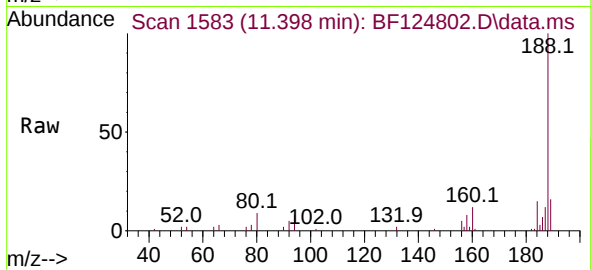
Tgt Ion:188 Resp: 24724

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 9.3 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 5.65 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.247 min

Lab File: BF124802.D

Acq: 27 Jul 2021 19:51

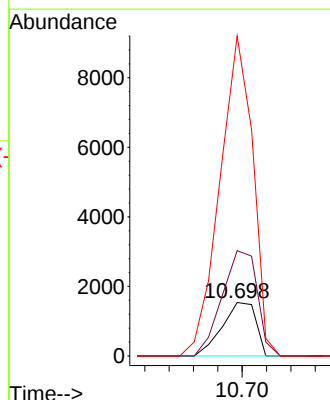
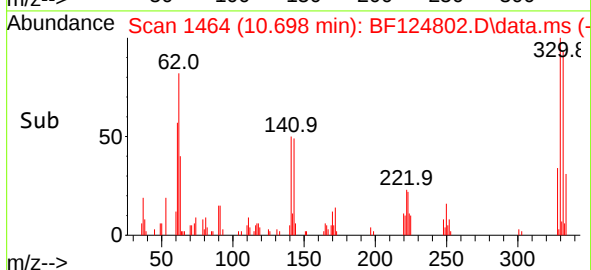
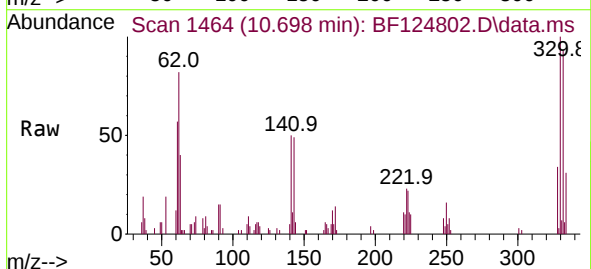
Tgt Ion:248 Resp: 1481

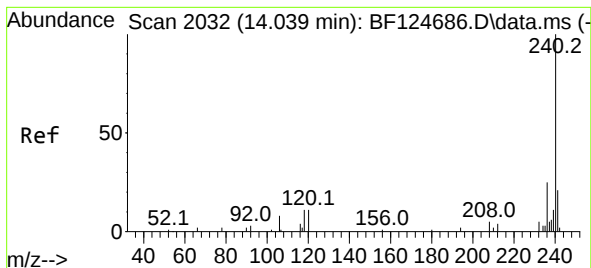
Ion Ratio Lower Upper

248 100

250 197.1 74.2 111.4#

141 598.8 60.4 90.6#

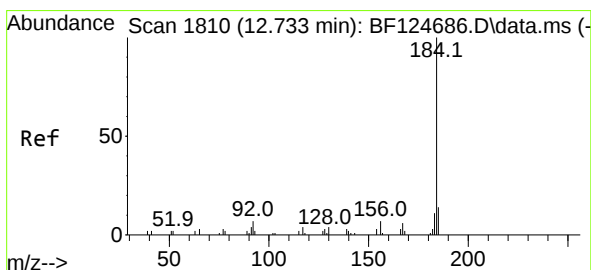
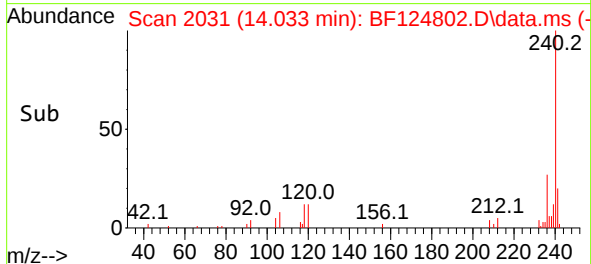
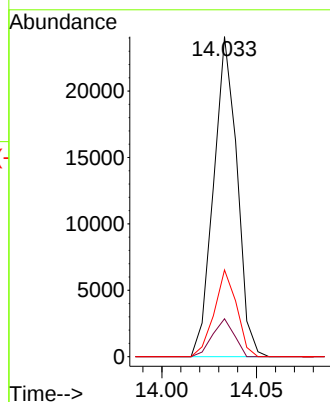
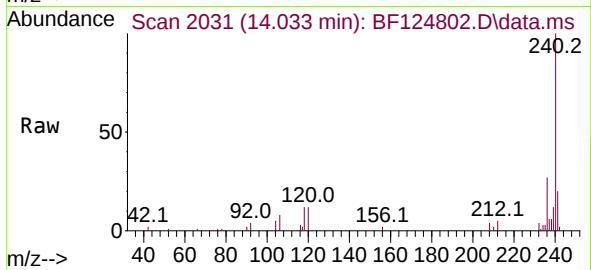




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

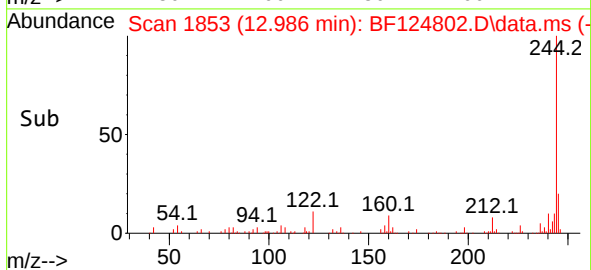
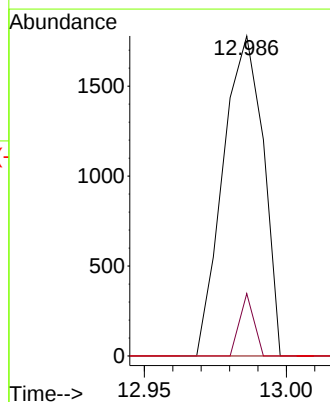
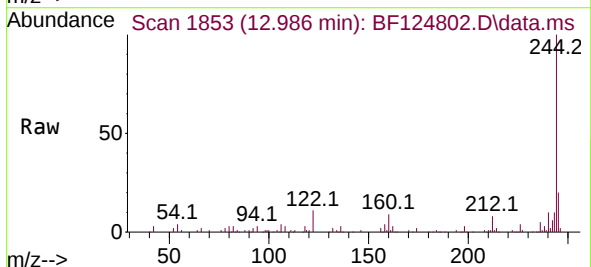
Instrument :
BNA_F
ClientSampleId :
COMP-2

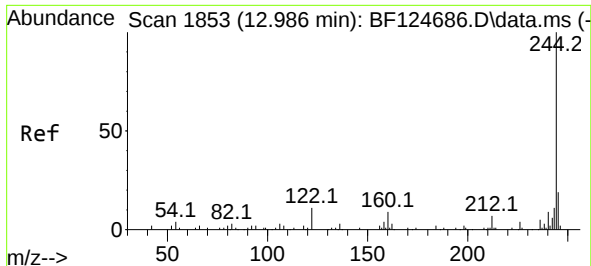
Tgt Ion:240 Resp: 20716
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 27.1 21.6 32.4



#77
Benzidine
Concen: 3.00 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion:184 Resp: 1754
Ion Ratio Lower Upper
184 100
185 19.5 10.8 16.2#
183 0.0 8.1 12.1#

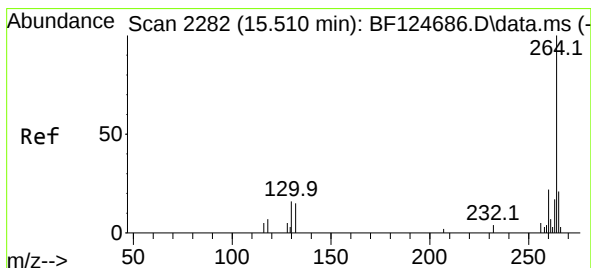
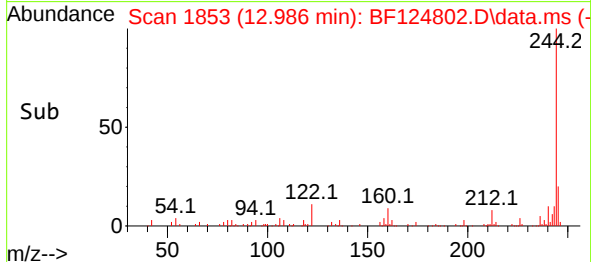
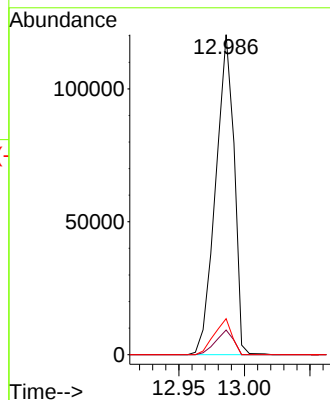
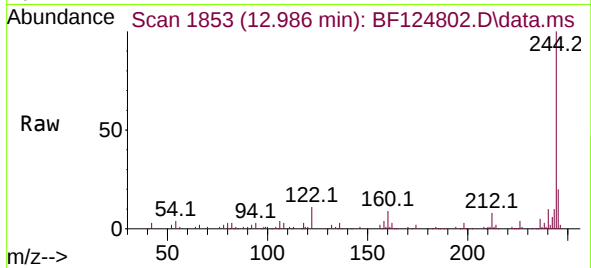




#79
Terphenyl-d14
Concen: 97.23 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Instrument :
BNA_F
ClientSampled :
COMP-2

Tgt Ion:244 Resp: 117503
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124802.D
Acq: 27 Jul 2021 19:51

Tgt Ion:264 Resp: 15489
Ion Ratio Lower Upper
264 100
260 20.5 19.6 29.4
265 20.3 17.2 25.8

