

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122485.D
 Acq On : 25 Nov 2020 15:23
 Operator : JU/CG
 Sample : L4848-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR5-(1-4)-COMP

Quant Time: Nov 25 16:06:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

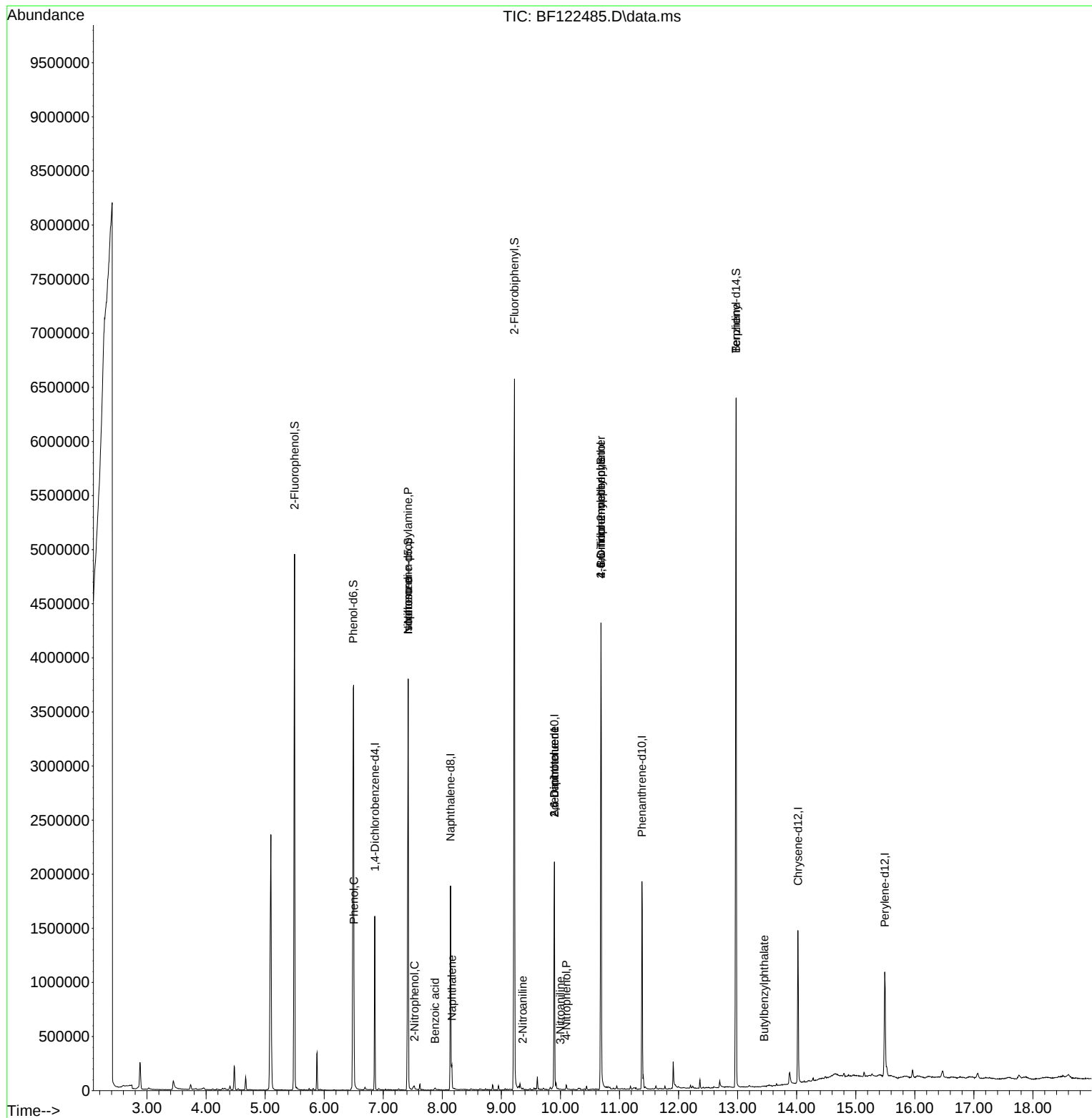
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	207950	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	801422	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	419231	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	721192	20.00	ng	0.00
76) Chrysene-d12	14.021	240	473567	20.00	ng	-0.01
86) Perylene-d12	15.492	264	489003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1424686	105.20	ng	0.02
7) Phenol-d6	6.492	99	1590790	89.79	ng	0.00
23) Nitrobenzene-d5	7.422	82	1294556	98.89	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	622065	138.25	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2269150	84.57	ng	0.00
79) Terphenyl-d14	12.974	244	2123237	94.98	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	623	Below Cal	#	46
10) Phenol	6.504	94	126522	7.25 ng		85
19) n-Nitroso-di-n-propyla...	7.422	70	176983	16.72 ng	#	75
25) Isophorone	7.422	82	1282587	43.95 ng	#	67
26) 2-Nitrophenol	7.528	139	240	6.85 ng	#	34
31) Naphthalene	8.163	128	90340	2.12 ng		98
32) Benzoic acid	7.875	122	2972	8.29 ng		91
48) 2-Nitroaniline	9.363	65	165	5.19 ng	#	6
51) 2,6-Dinitrotoluene	9.898	165	55017	11.45 ng	#	20
53) 3-Nitroaniline	9.998	138	117	3.57 ng	#	1
56) 4-Nitrophenol	10.098	139	3406	5.90 ng	#	10
57) 2,4-Dinitrotoluene	9.898	165	55017	10.66 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.686	198	1100	6.59 ng	#	1
67) 4-Bromophenyl-phenylether	10.686	248	40136	4.74 ng	#	1
77) Benzidine	12.974	184	27370	2.08 ng	#	89
80) Butylbenzylphthalate	13.451	149	2049	3.43 ng	#	87

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

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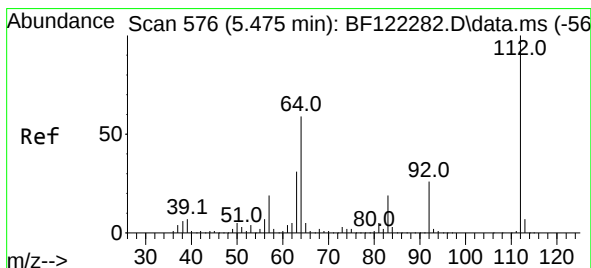
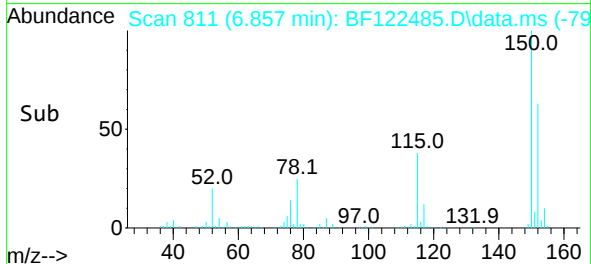
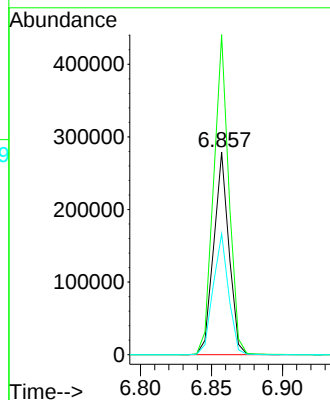
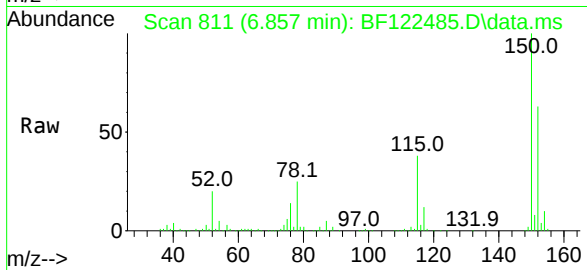




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

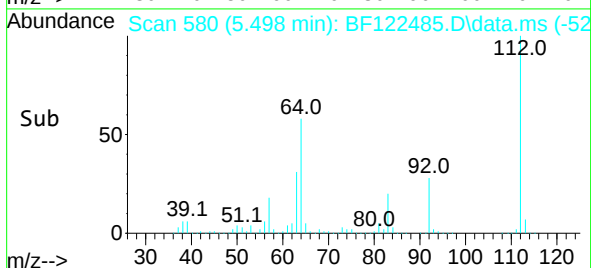
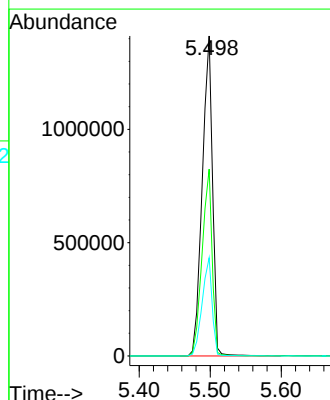
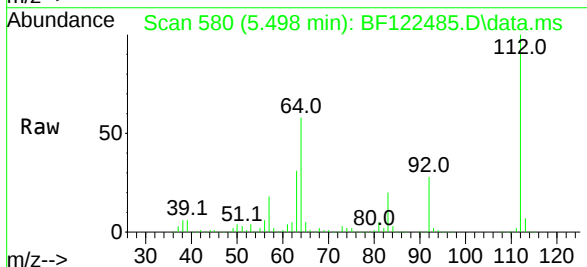
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

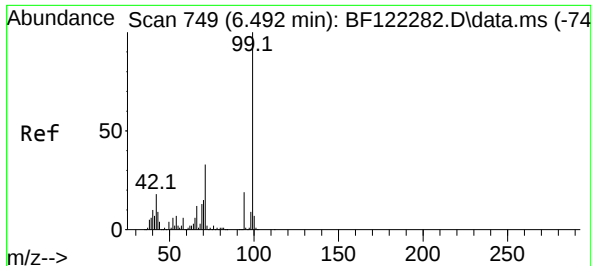
Tgt Ion:152 Resp: 207950
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 59.7 51.9 77.9



#5
2-Fluorophenol
Concen: 105.20 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:112 Resp: 1424686
Ion Ratio Lower Upper
112 100
64 58.4 50.4 75.6
63 30.7 25.8 38.6

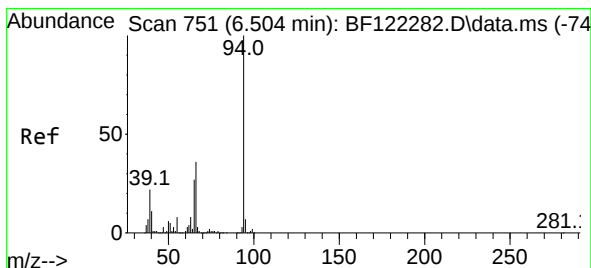
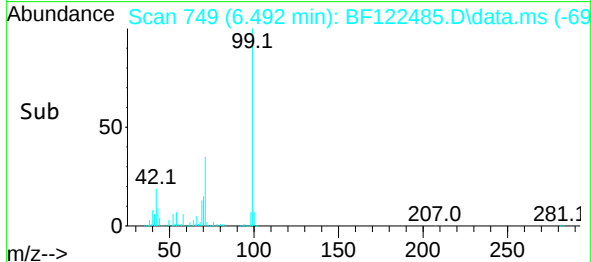
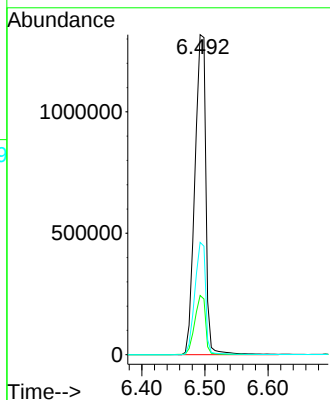
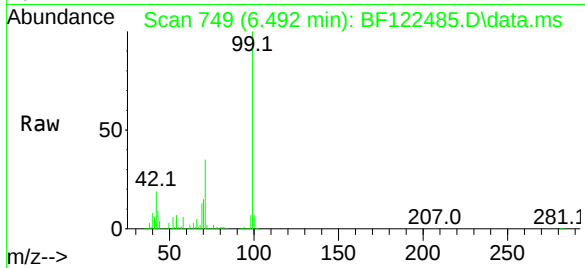




#7
Phenol-d6
Concen: 89.79 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

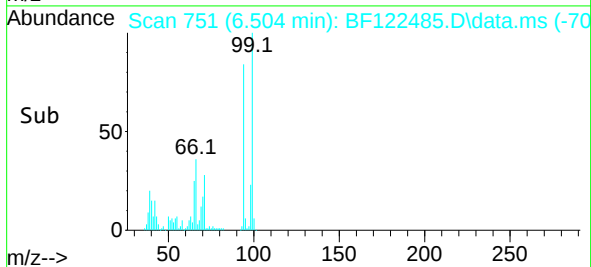
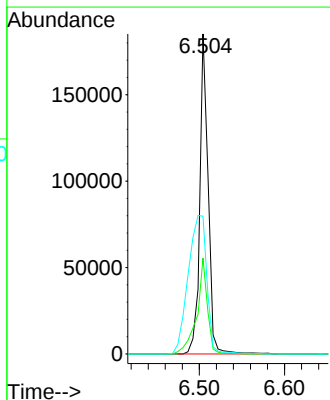
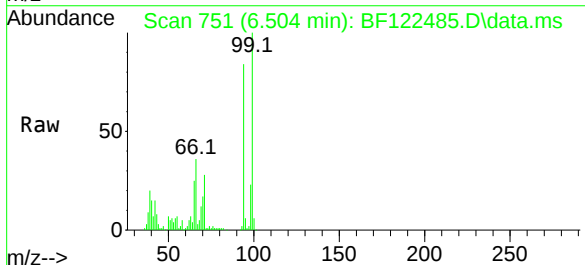
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

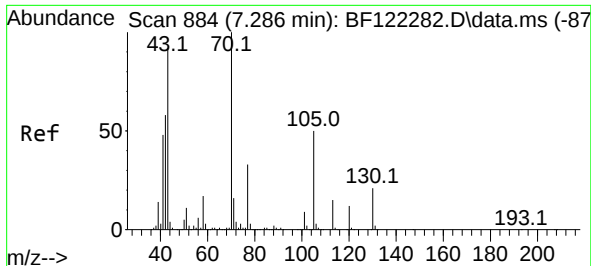
Tgt Ion: 99 Resp: 1590790
Ion Ratio Lower Upper
99 100
42 18.5 15.9 23.9
71 35.1 27.1 40.7



#10
Phenol
Concen: 7.25 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion: 94 Resp: 126522
Ion Ratio Lower Upper
94 100
65 30.0 17.1 57.1
66 43.0 36.0 76.0

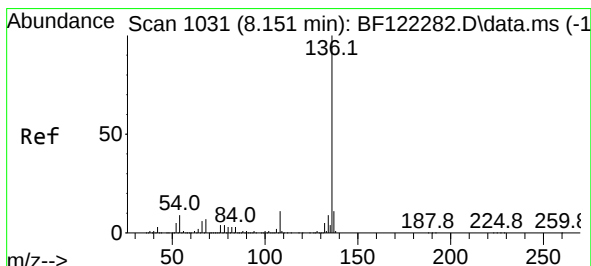
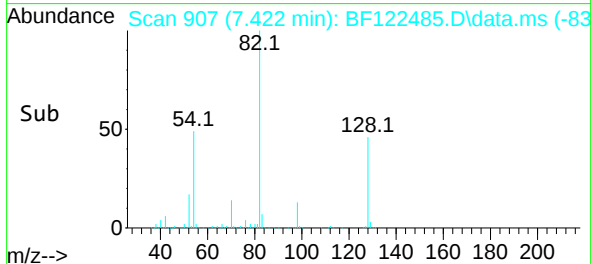
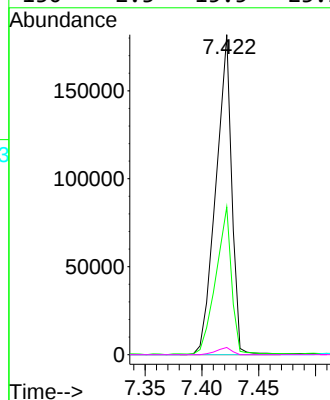
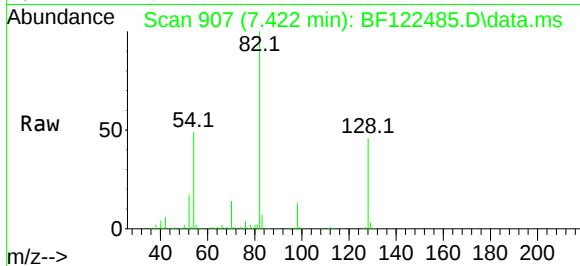




#19
n-Nitroso-di-n-propylamine
Concen: 16.72 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

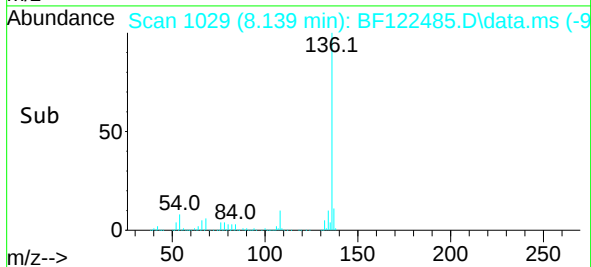
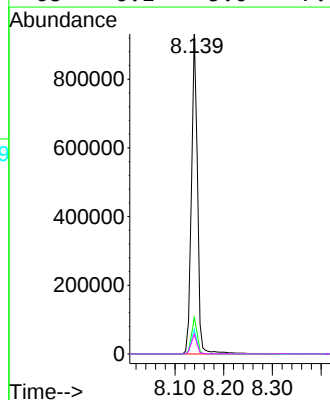
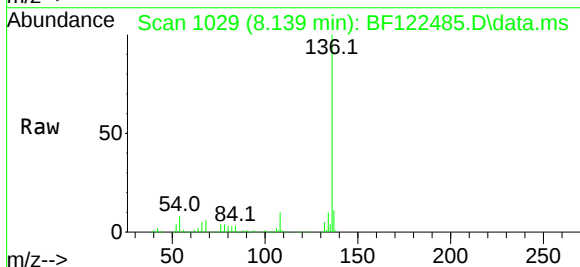
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

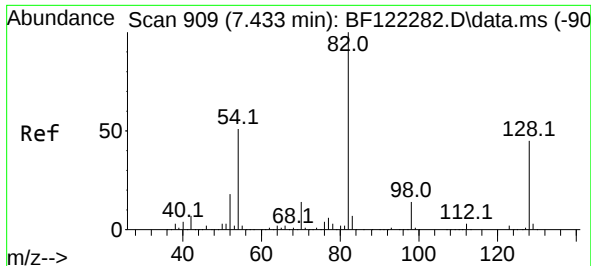
Tgt Ion: 70 Resp: 176983
Ion Ratio Lower Upper
70 100
42 46.2 50.2 75.4#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion: 136 Resp: 801422
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.7 7.1 10.7
68 6.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 98.89 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF122485.D

Acq: 25 Nov 2020 15:23

Tgt Ion: 82 Resp: 1294556

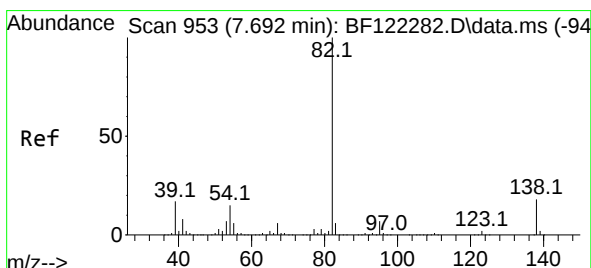
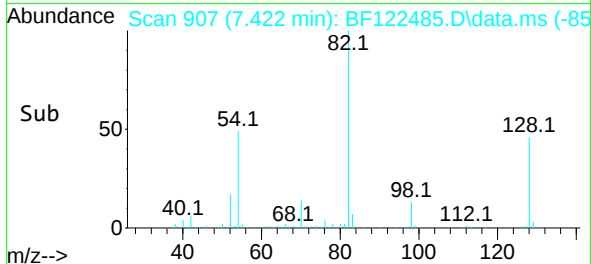
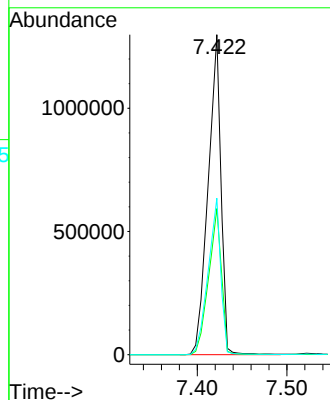
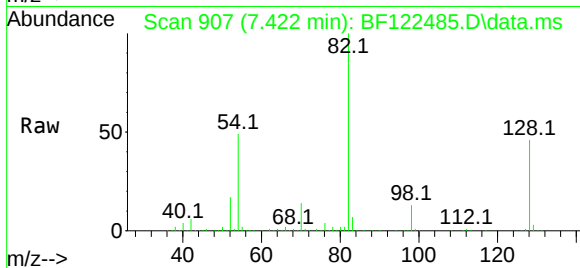
Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.0	52.4
54	48.9	43.9	65.9

Instrument :

BNA_F

ClientSampleId :

TR5-(1-4)-COMP



#25

Isophorone

Concen: 43.95 ng

RT: 7.422 min Scan# 907

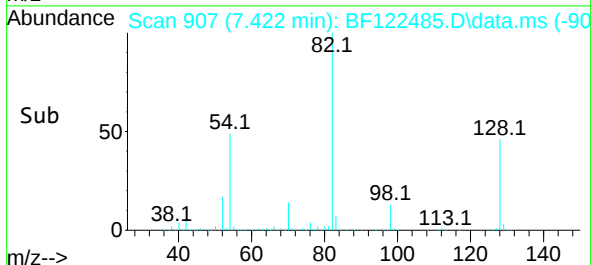
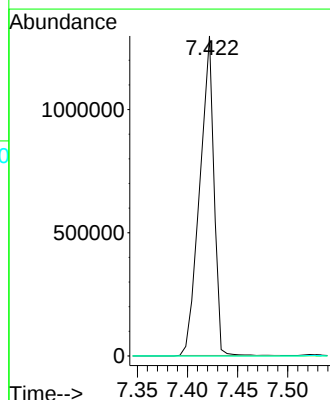
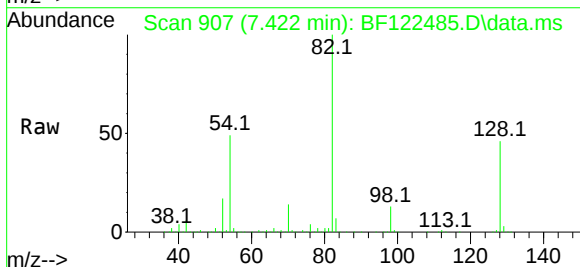
Delta R.T. -0.265 min

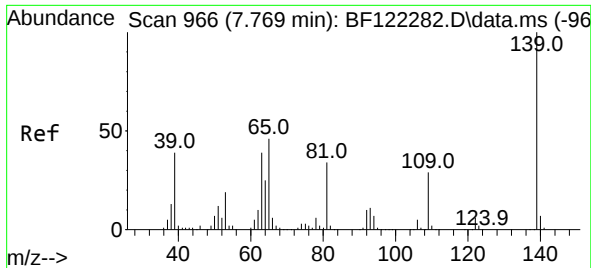
Lab File: BF122485.D

Acq: 25 Nov 2020 15:23

Tgt Ion: 82 Resp: 1282587

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.4	20.0#

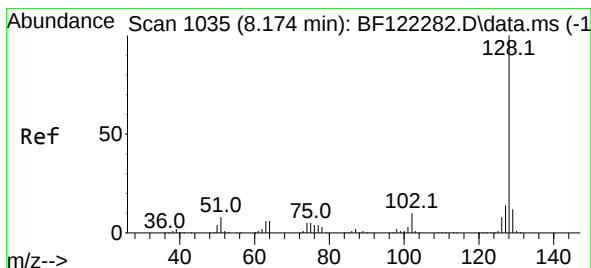
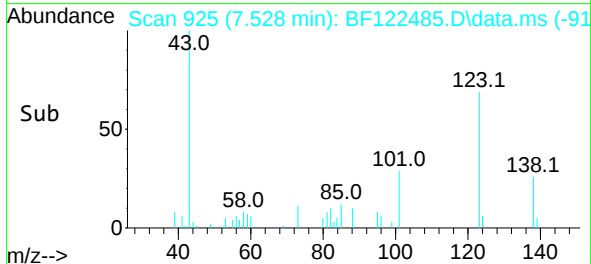
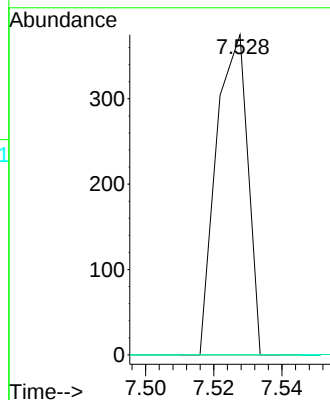
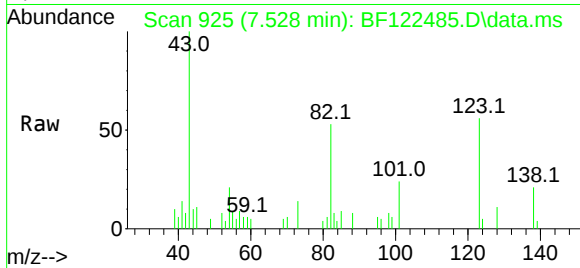




#26
2-Nitrophenol
Concen: 6.85 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.229 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

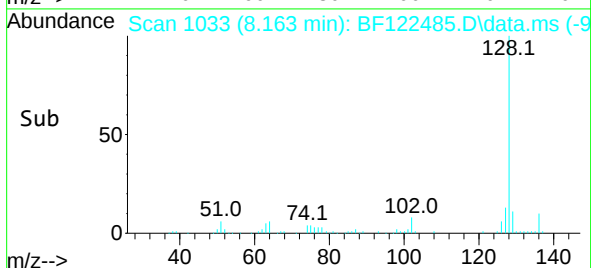
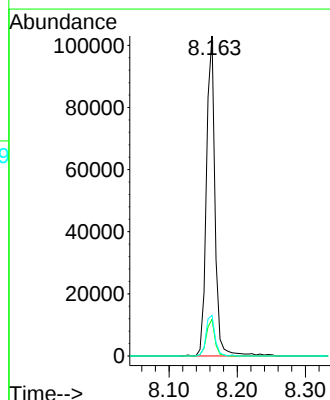
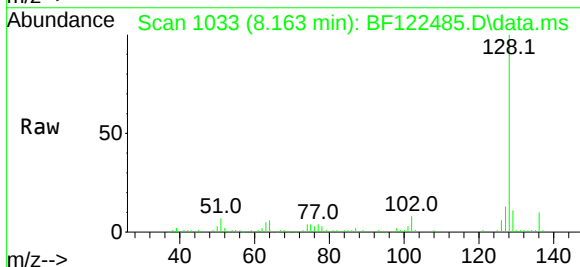
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

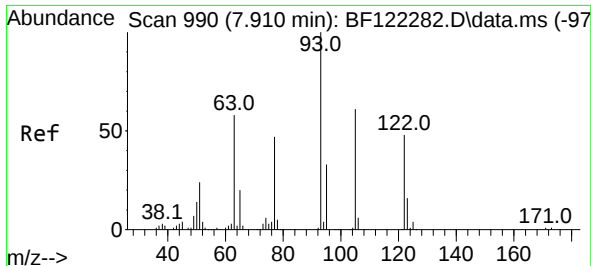
Tgt Ion:139 Resp: 240
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 0.0 39.9 59.9#



#31
Naphthalene
Concen: 2.12 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:128 Resp: 90340
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 12.7 10.8 16.2

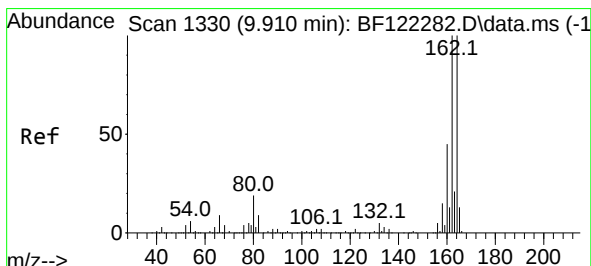
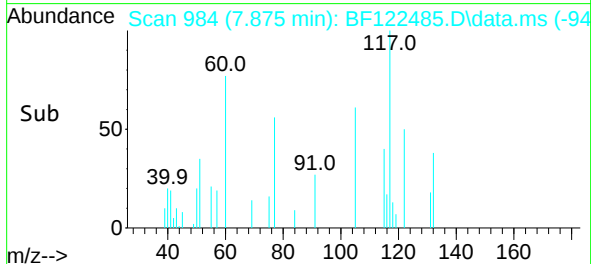
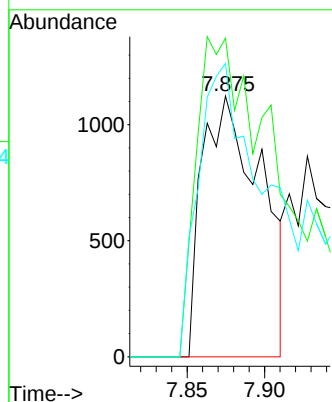
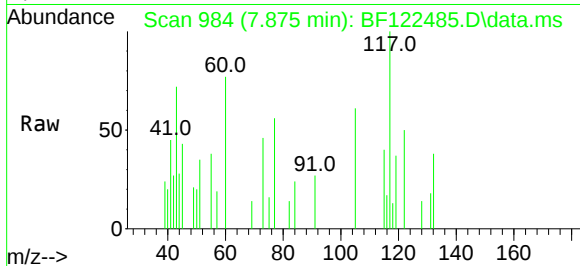




#32
Benzoic acid
Concen: 8.29 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.059 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

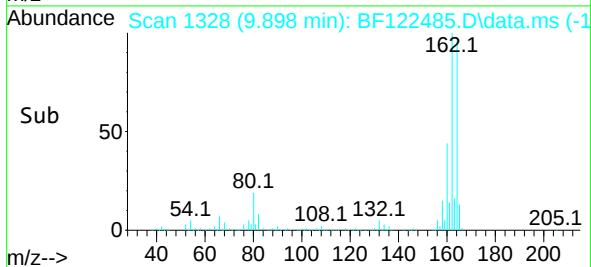
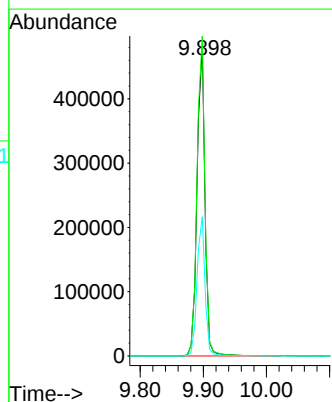
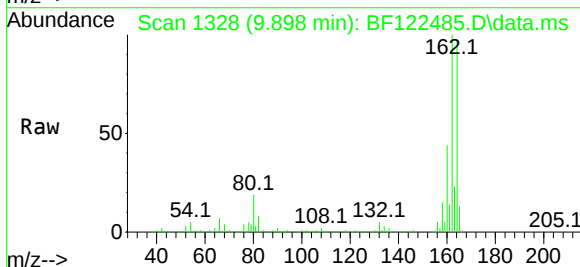
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

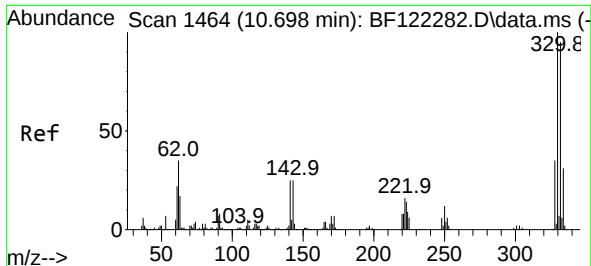
Tgt Ion:122 Resp: 2972
Ion Ratio Lower Upper
122 100
105 122.3 103.3 143.3
77 112.6 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:164 Resp: 419231
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 44.9 37.5 56.3

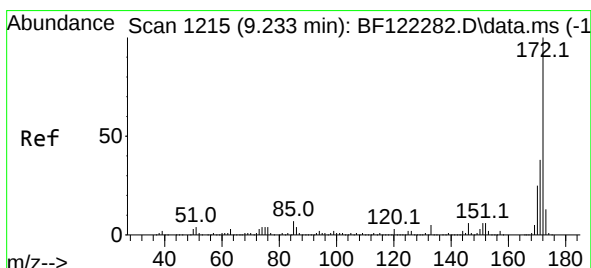
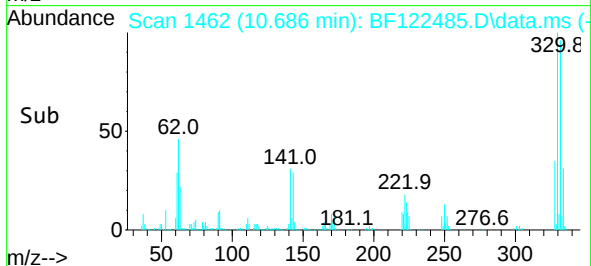
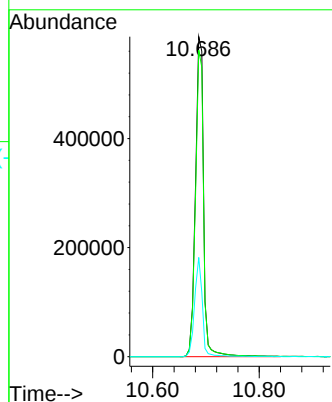
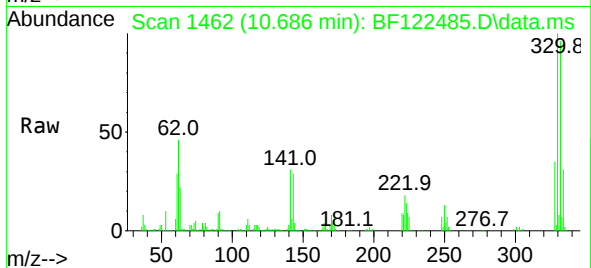




#42
2,4,6-Tribromophenol
Concen: 138.25 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

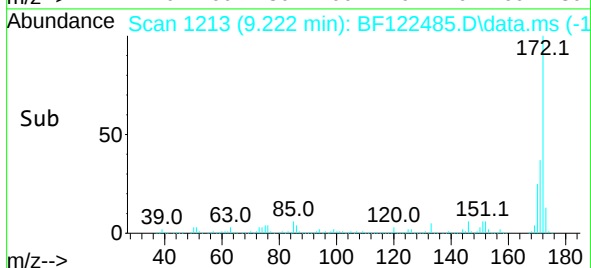
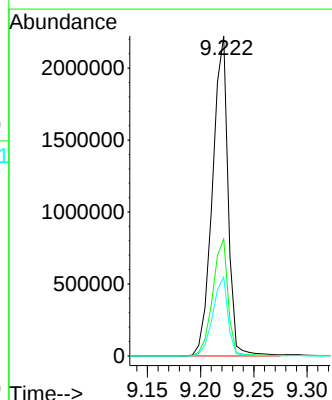
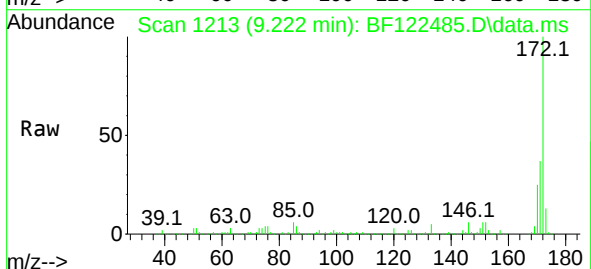
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

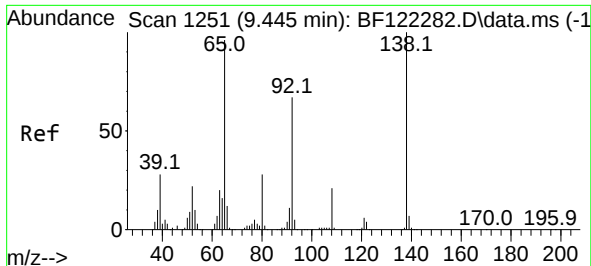
Tgt Ion: 330 Resp: 622065
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 29.4 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 84.57 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion: 172 Resp: 2269150
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.6 19.8 29.6





#48

2-Nitroaniline

Concen: 5.19 ng

RT: 9.363 min Scan# 1237

Delta R.T. -0.082 min

Lab File: BF122485.D

Acq: 25 Nov 2020 15:23

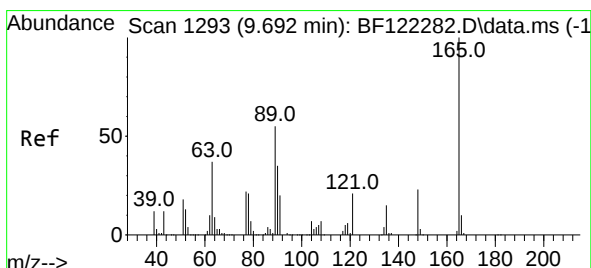
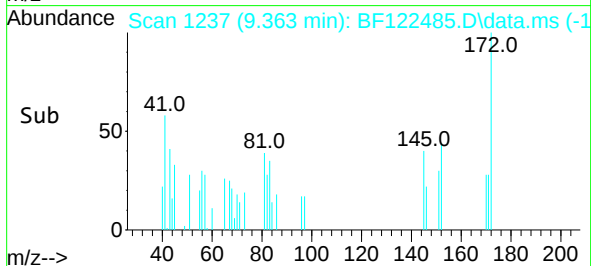
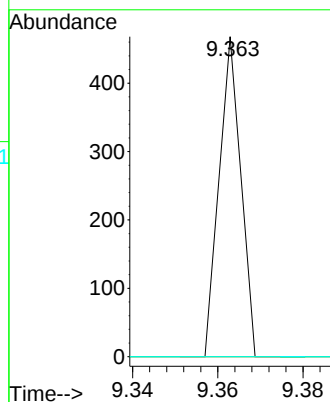
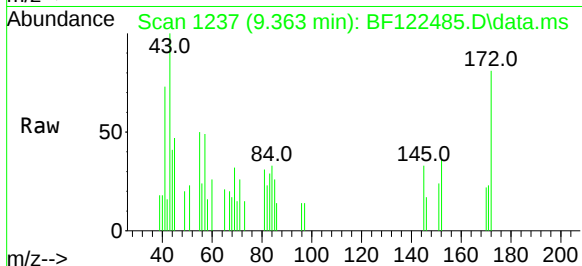
Tgt Ion:	65	Resp:	165
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.1	82.7#
138	0.0	80.5	120.7#

Instrument :

BNA_F

ClientSampleId :

TR5-(1-4)-COMP



#51

2,6-Dinitrotoluene

Concen: 11.45 ng

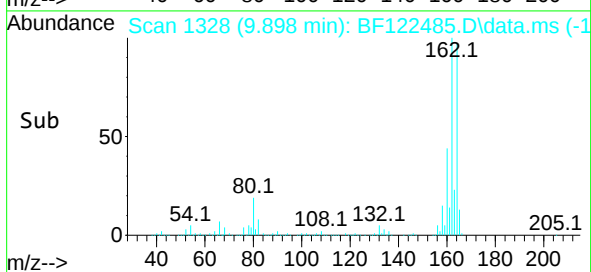
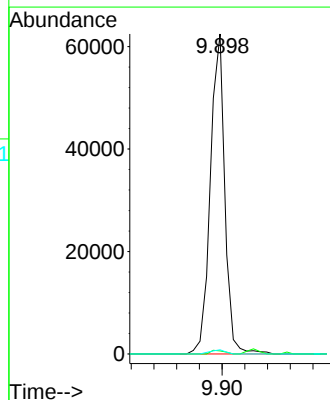
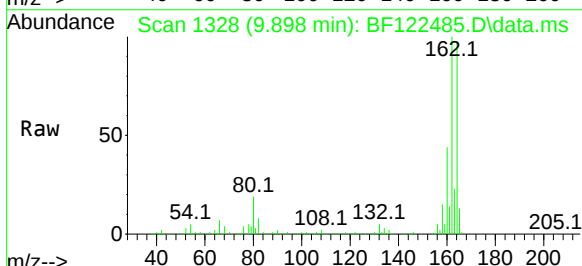
RT: 9.898 min Scan# 1328

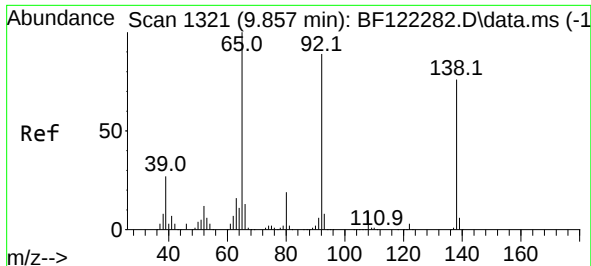
Delta R.T. 0.212 min

Lab File: BF122485.D

Acq: 25 Nov 2020 15:23

Tgt Ion:	165	Resp:	55017
Ion	Ratio	Lower	Upper
165	100		
63	1.0	51.8	77.6#
89	1.3	49.0	73.6#

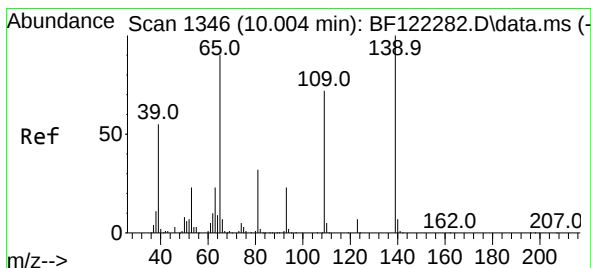
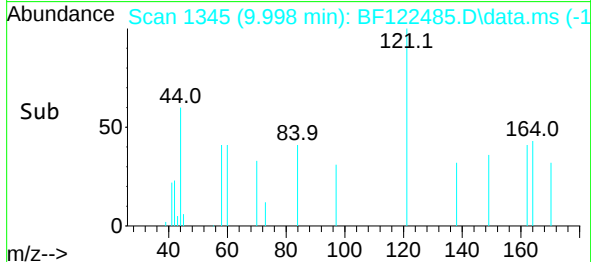
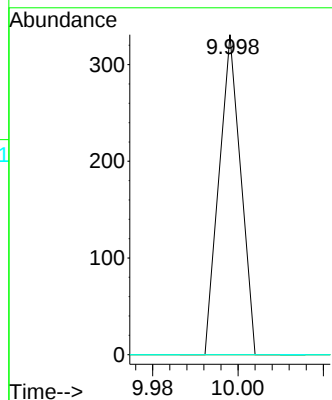
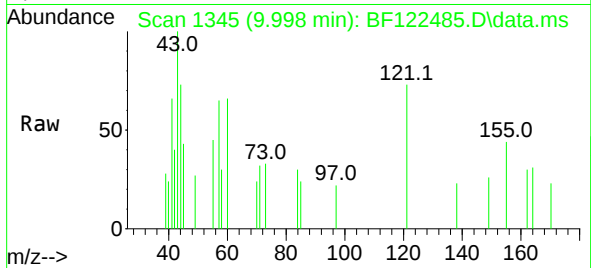




#53
3-Nitroaniline
Concen: 3.57 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.141 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

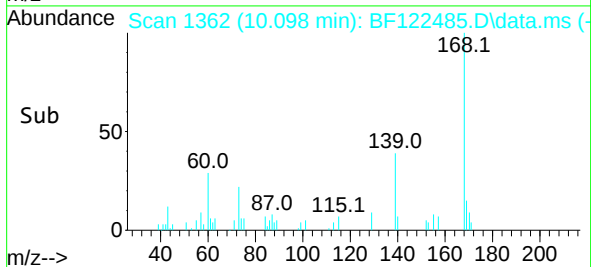
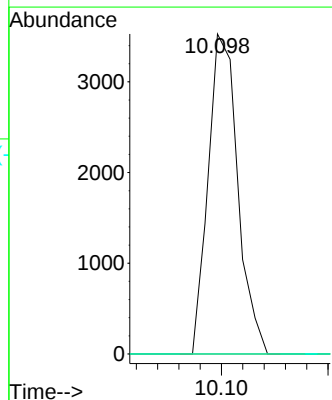
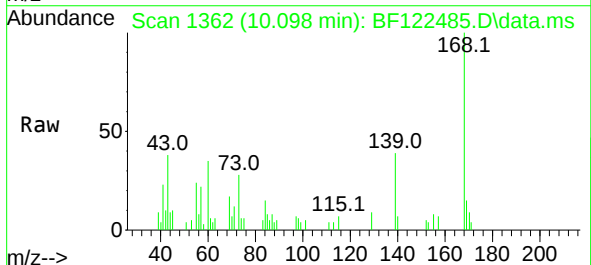
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

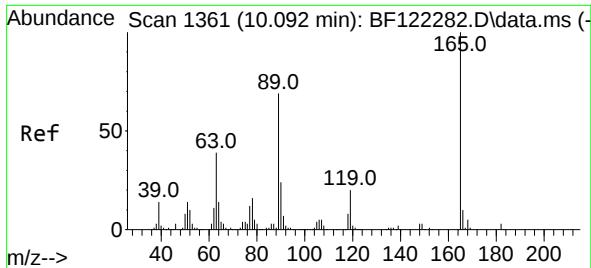
Tgt Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



#56
4-Nitrophenol
Concen: 5.90 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.082 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:139 Resp: 3406
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#

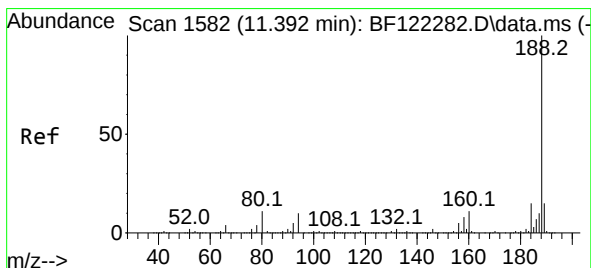
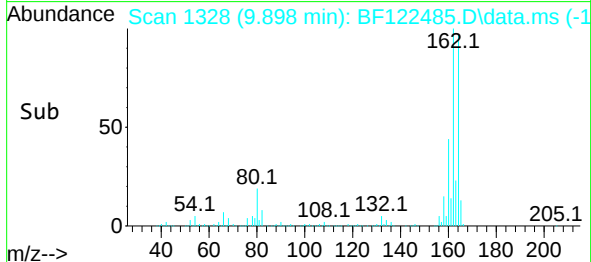
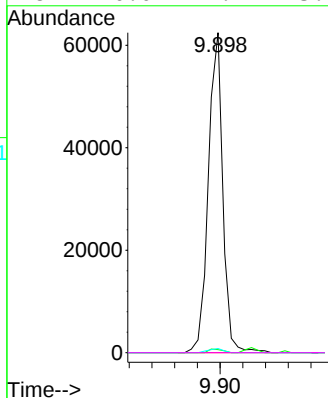
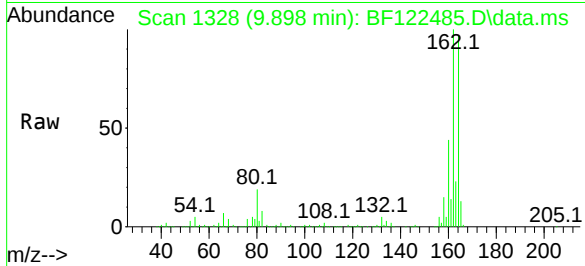




#57
2,4-Dinitrotoluene
Concen: 10.66 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

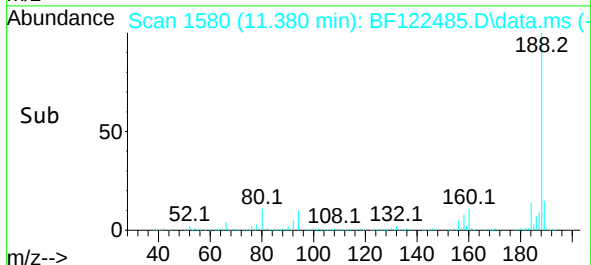
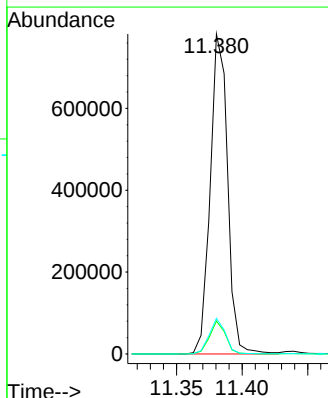
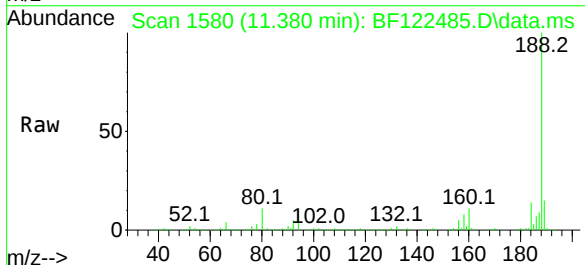
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

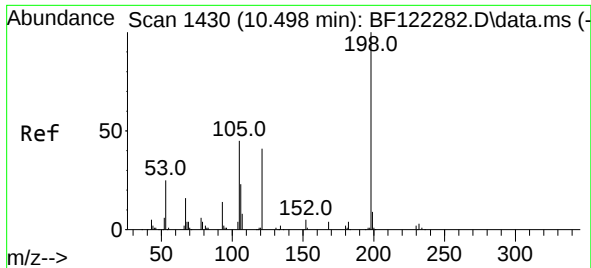
Tgt Ion:165	Resp:	55017
Ion Ratio	Lower	Upper
165	100	
63	1.0	41.3 61.9#
89	1.3	61.8 92.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:188	Resp:	721192
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.3 12.5
80	11.1	9.1 13.7

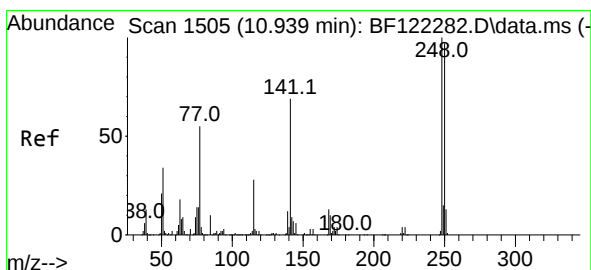
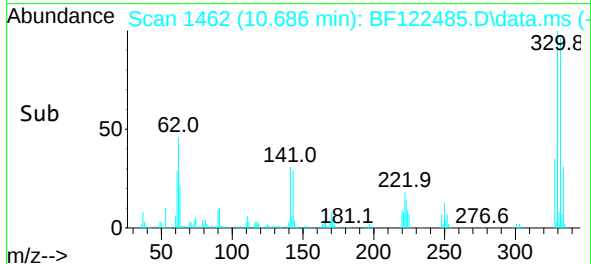
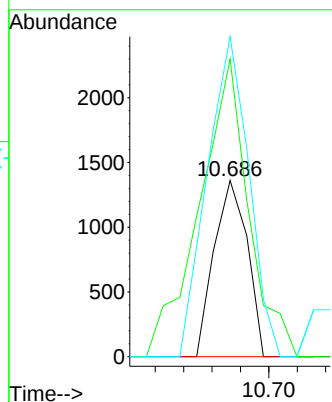
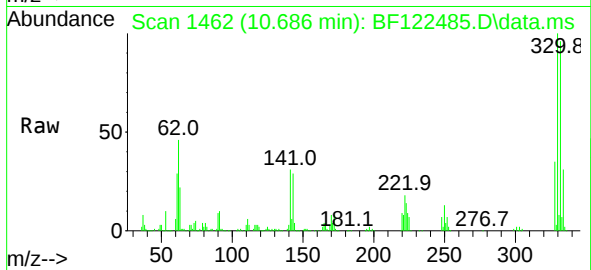




#65
4,6-Dinitro-2-methylphenol
Concen: 6.59 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

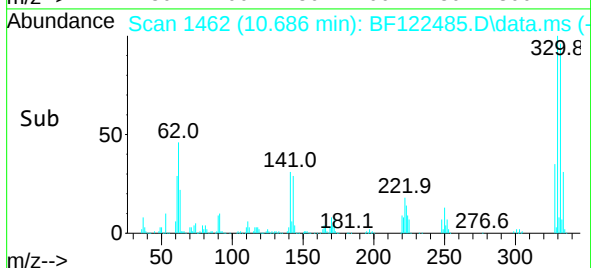
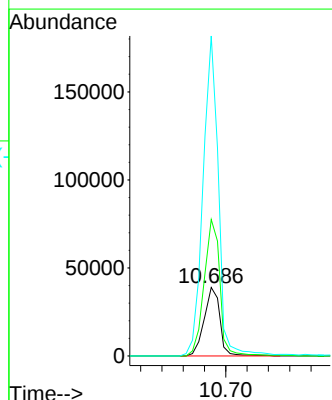
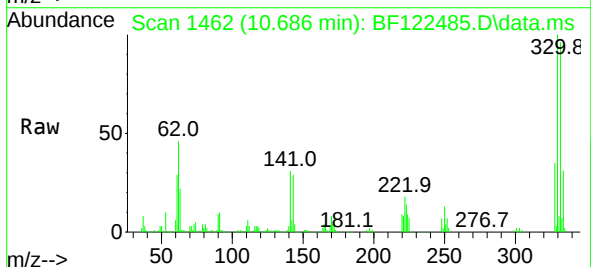
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

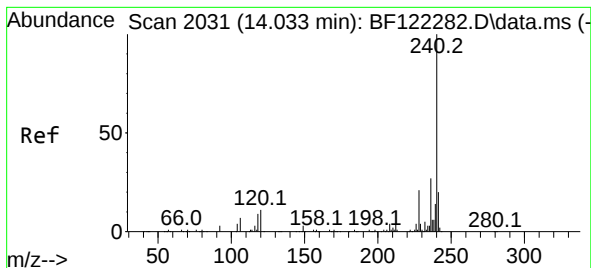
Tgt Ion:198 Resp: 1100
Ion Ratio Lower Upper
198 100
51 168.9 29.6 69.6#
105 181.6 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:248 Resp: 40136
Ion Ratio Lower Upper
248 100
250 199.5 77.0 115.6#
141 467.7 53.7 80.5#

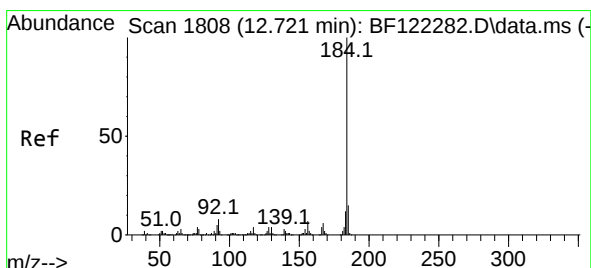
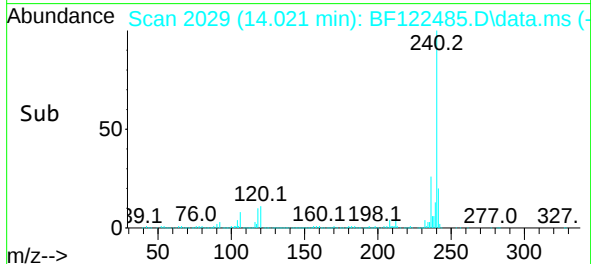
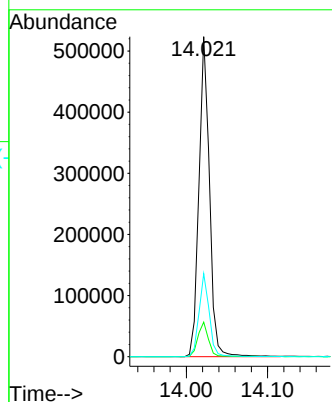
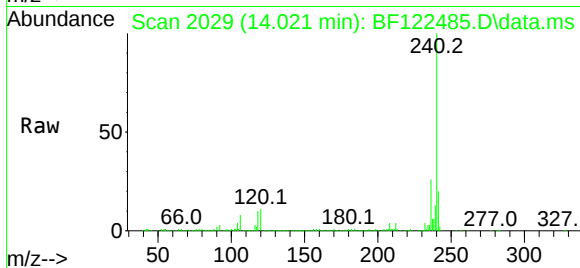




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

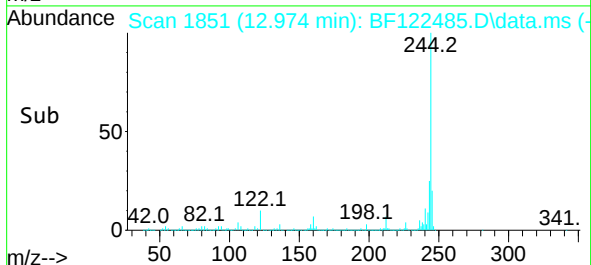
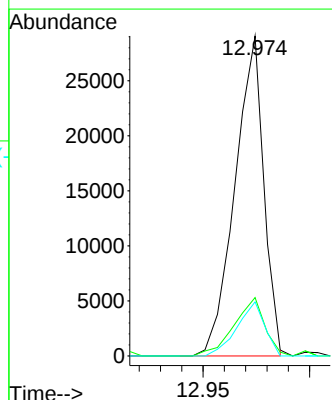
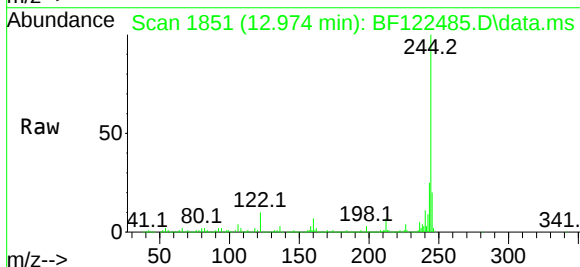
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

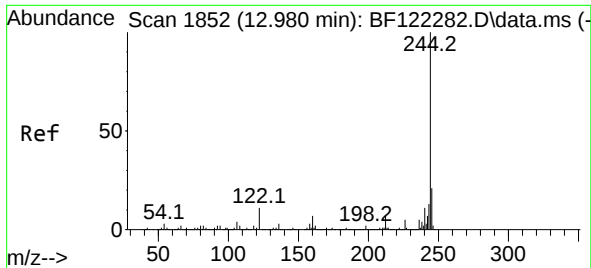
Tgt Ion:240 Resp: 473567
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 26.0 20.9 31.3



#77
Benzidine
Concen: 2.08 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:184 Resp: 27370
Ion Ratio Lower Upper
184 100
185 18.3 11.6 17.4#
183 16.9 9.4 14.0#

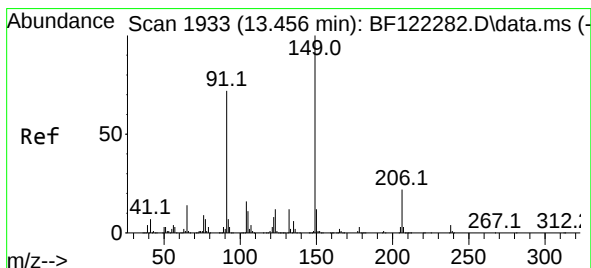
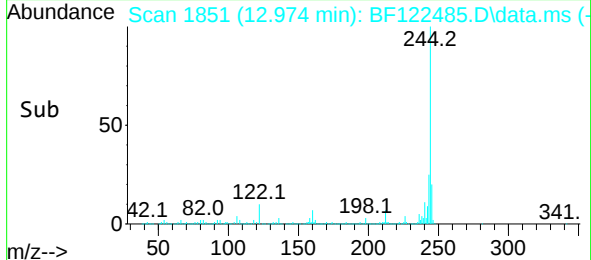
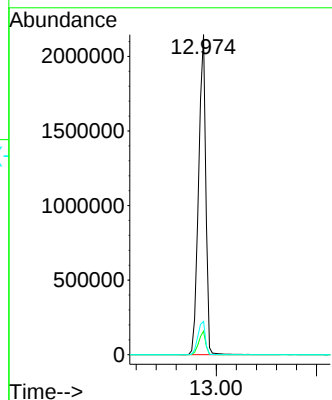
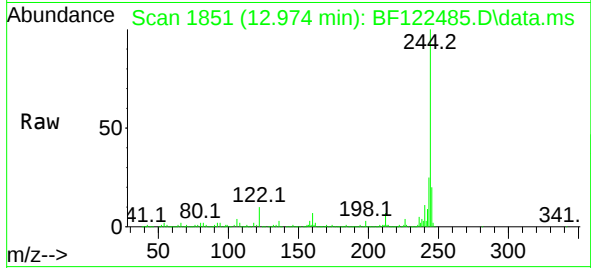




#79
Terphenyl-d14
Concen: 94.98 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

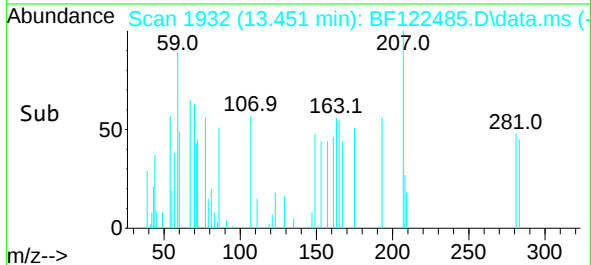
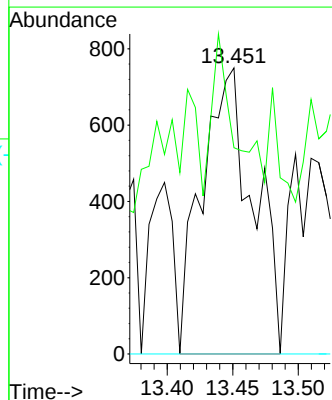
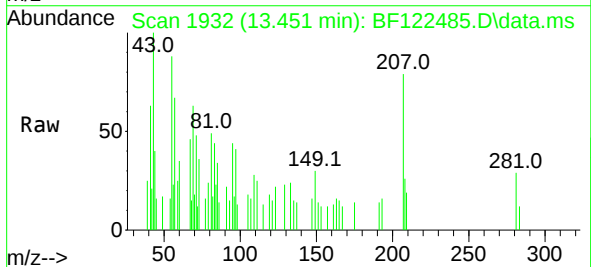
Instrument :
BNA_F
ClientSampleId :
TR5-(1-4)-COMP

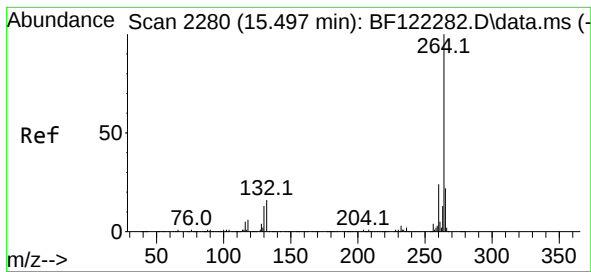
Tgt Ion:244 Resp: 2123237
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 10.4 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.43 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF122485.D
Acq: 25 Nov 2020 15:23

Tgt Ion:149 Resp: 2049
Ion Ratio Lower Upper
149 100
91 72.1 61.0 91.4
206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF122485.D
 Acq: 25 Nov 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 TR5-(1-4)-COMP

Tgt Ion:264 Resp: 489003
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 22.0 17.3 25.9

