

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124795.D
 Acq On : 27 Jul 2021 15:33
 Operator : JU/CG
 Sample : M3151-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Jul 27 16:45:54 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)

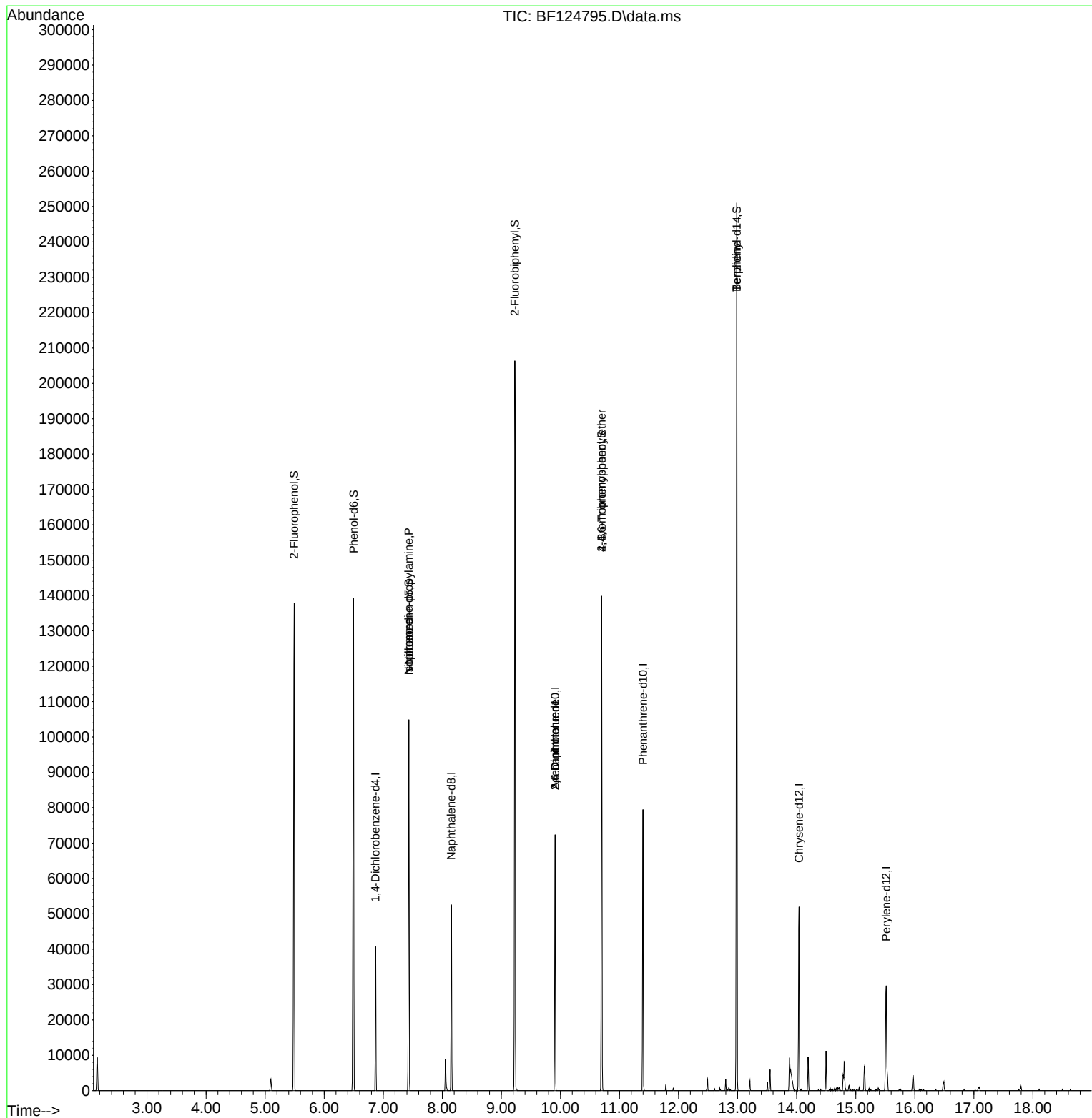
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6009	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	24230	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13848	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	26826	20.000	ng	0.00
76) Chrysene-d12	14.039	240	18932	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	15142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	36876	103.906	ng	0.01
7) Phenol-d6	6.498	99	44647	100.348	ng	0.00
23) Nitrobenzene-d5	7.433	82	30475	74.858	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	13486	113.424	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	65778	69.766	ng	0.00
79) Terphenyl-d14	12.986	244	80573	72.953	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	3990	16.794	ng	# 70
25) Isophorone	7.433	82	30474	42.334	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1805	8.568	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1805	6.314	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	935	3.286	ng	# 1
77) Benzidine	12.986	184	1159	2.171	ng	# 76

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

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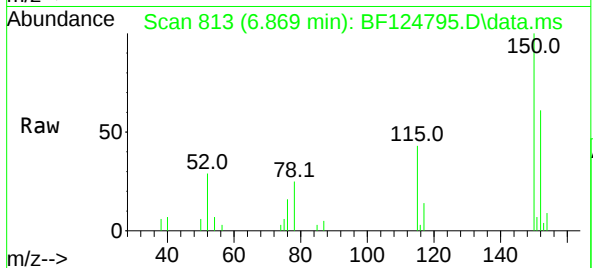
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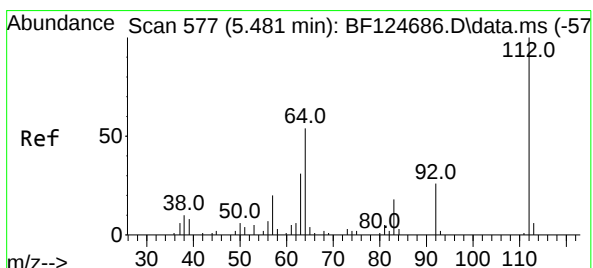
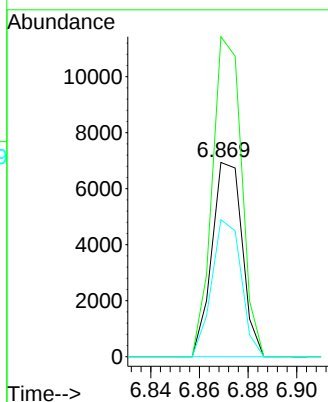
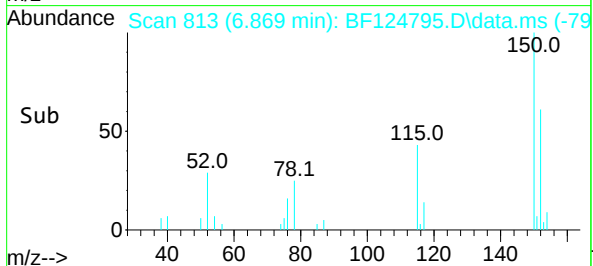


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

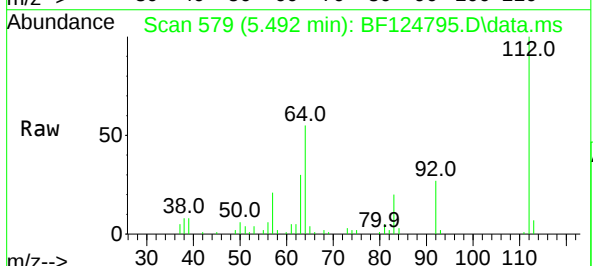
Instrument :
BNA_F
ClientSampleId :
COMP-3



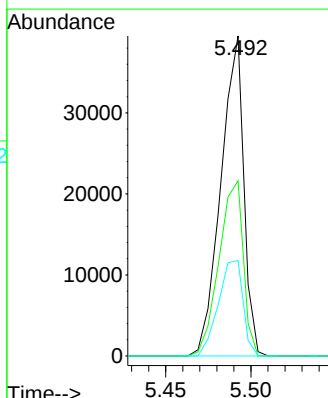
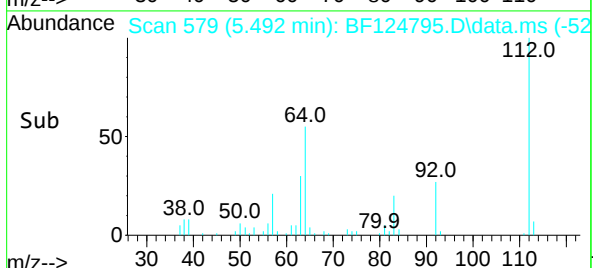
Tgt Ion:152 Resp: 6009
Ion Ratio Lower Upper
152 100
150 164.7 117.6 176.4
115 70.5 47.1 70.7

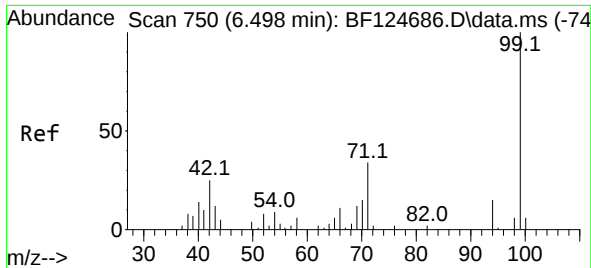


#5
2-Fluorophenol
Concen: 103.906 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33



Tgt Ion:112 Resp: 36876
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.2
63 29.8 26.2 39.2

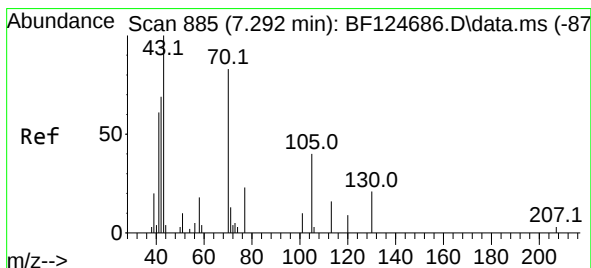
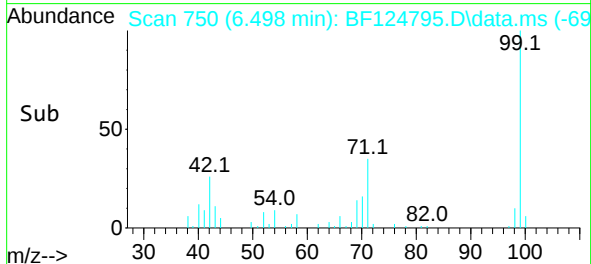
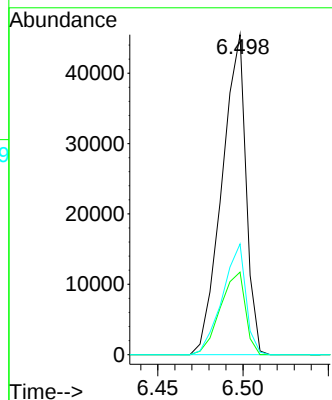
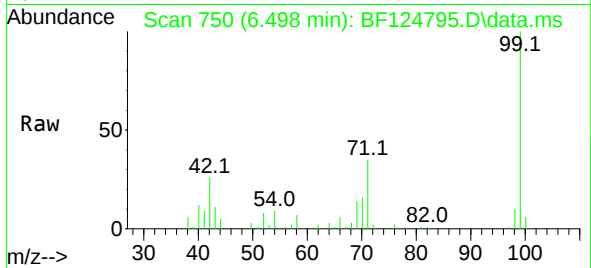




#7
Phenol-d6
Concen: 100.348 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

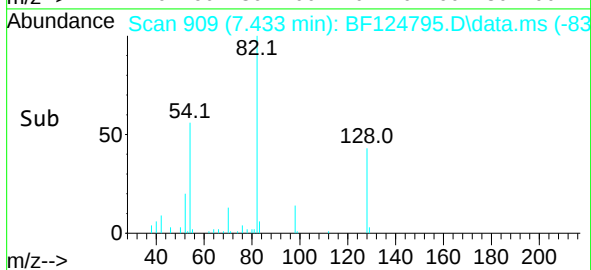
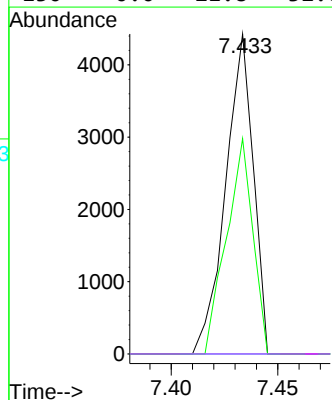
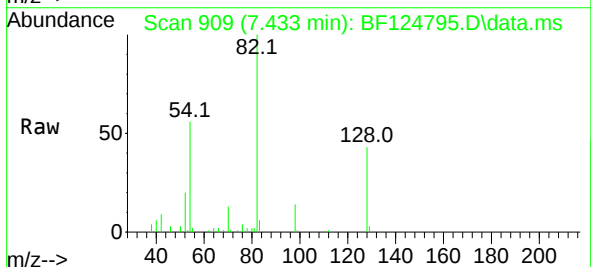
Instrument :
BNA_F
ClientSampleId :
COMP-3

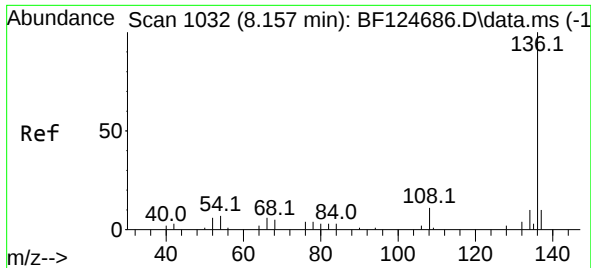
Tgt Ion:	99	Resp:	44647
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	34.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.794 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Tgt Ion:	70	Resp:	3990
Ion	Ratio	Lower	Upper
70	100		
42	67.3	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

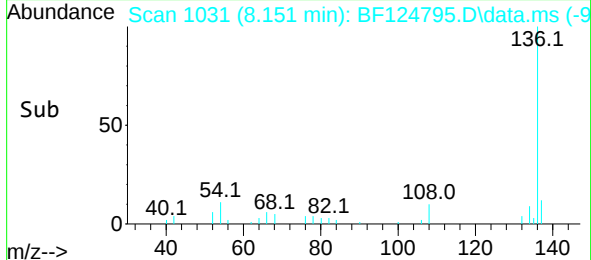
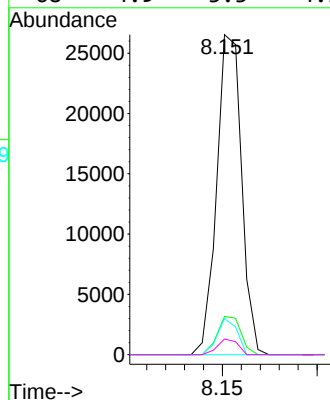
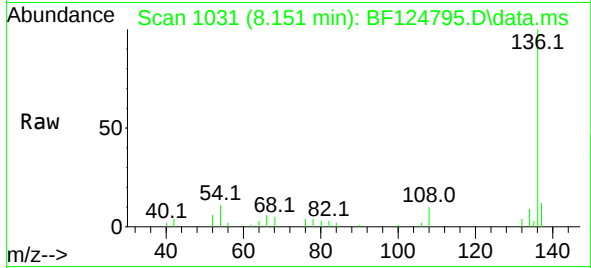




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

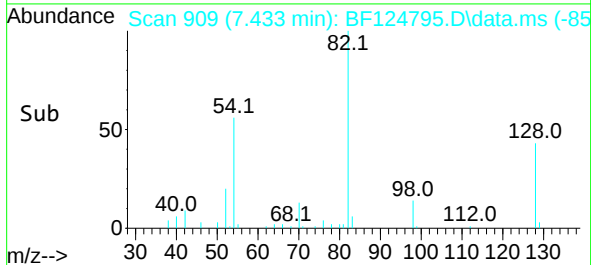
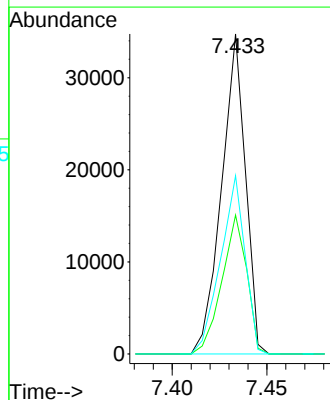
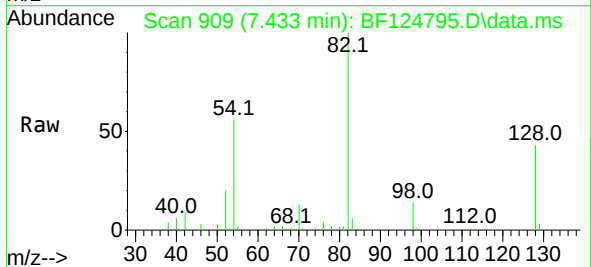
Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:	136	Resp:	24230
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.6
54	11.3	6.4	9.6#
68	4.9	3.3	4.9



#23
Nitrobenzene-d5
Concen: 74.858 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Tgt Ion:	82	Resp:	30475
Ion	Ratio	Lower	Upper
82	100		
128	43.4	40.6	60.8
54	55.7	49.6	74.4

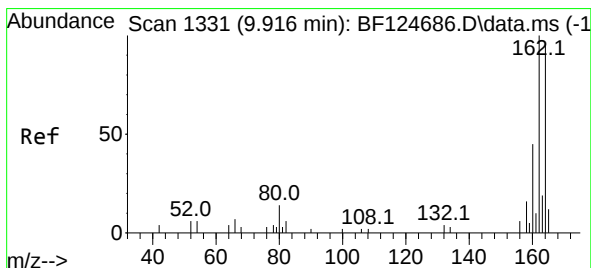
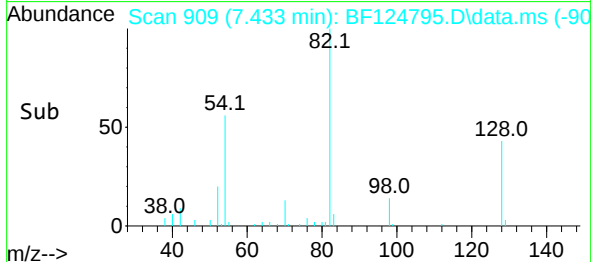
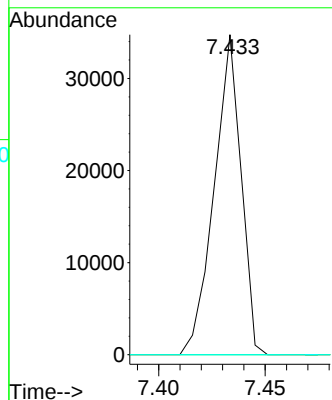
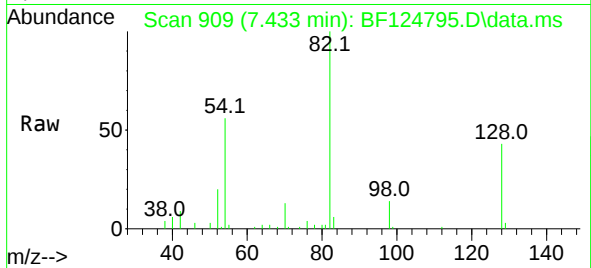




#25
Isophorone
Concen: 42.334 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

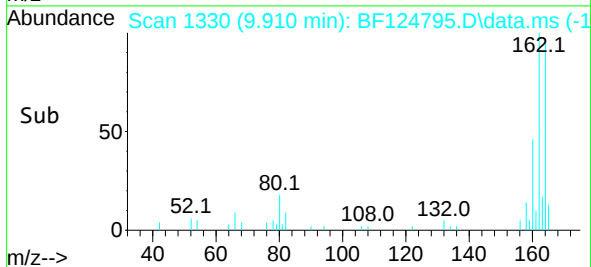
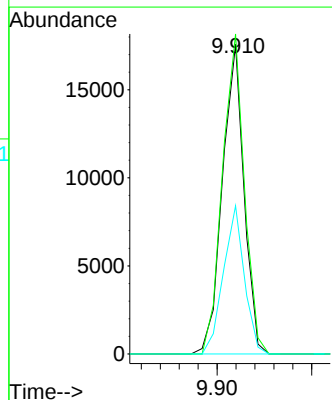
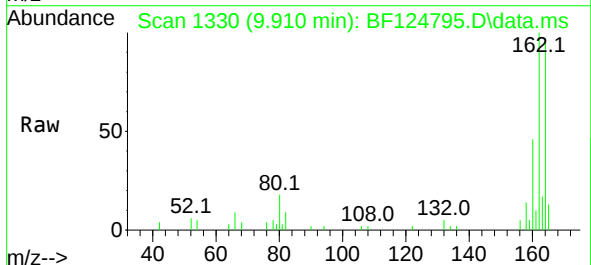
Instrument :
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ClientSampleId :
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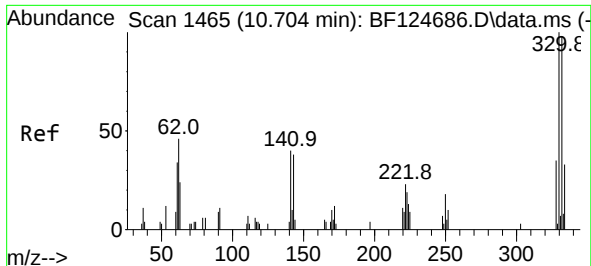
Tgt Ion: 82 Resp: 30474
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

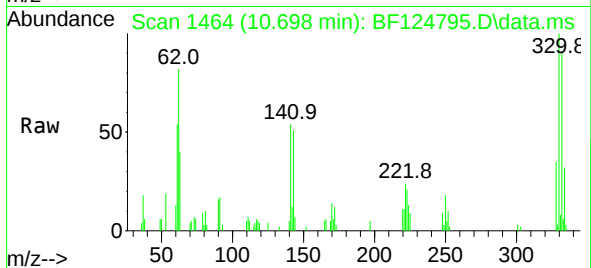
Tgt Ion:164 Resp: 13848
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 47.9 38.0 57.0



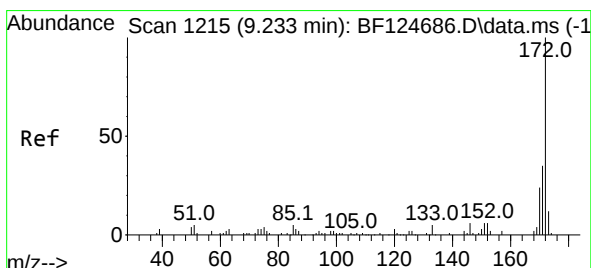
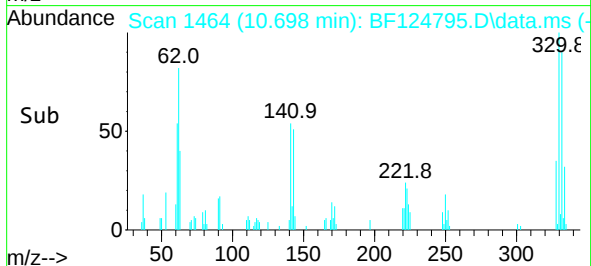
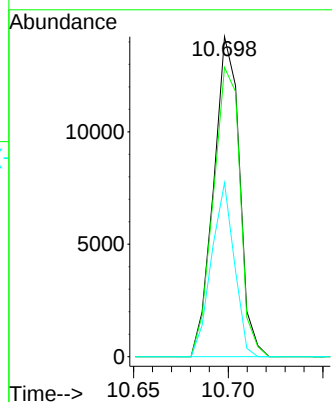


#42
2,4,6-Tribromophenol
Concen: 113.424 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Instrument :
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ClientSampleId :
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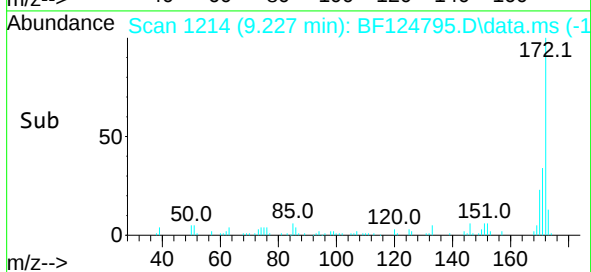
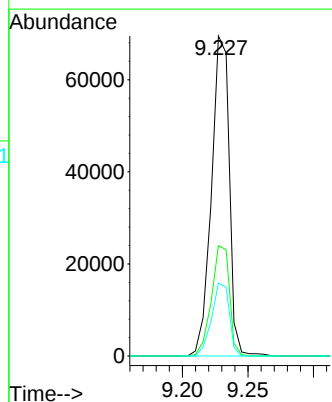
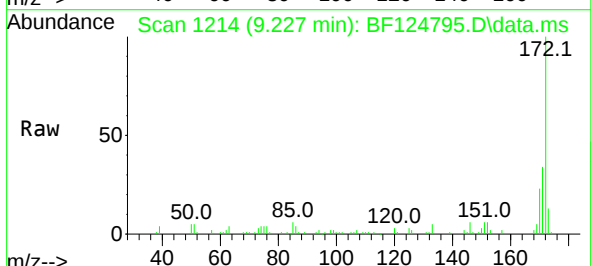


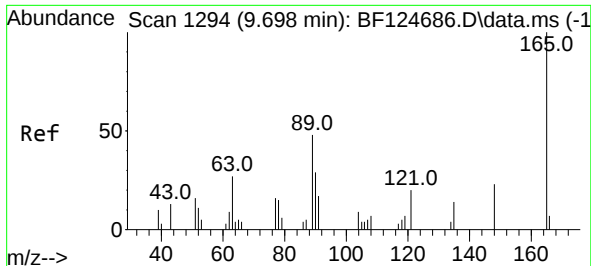
Tgt Ion:330 Resp: 13486
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 48.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 69.766 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Tgt Ion:172 Resp: 65778
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.7 18.8 28.2

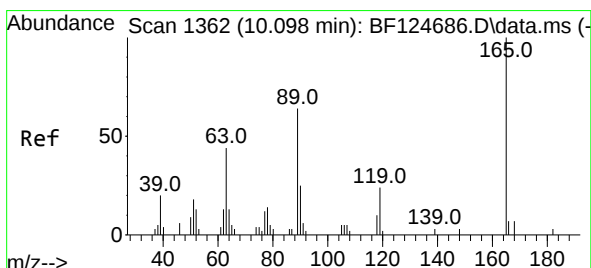
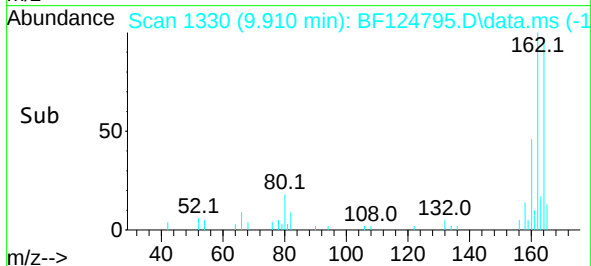
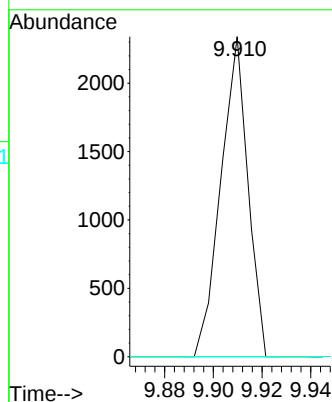
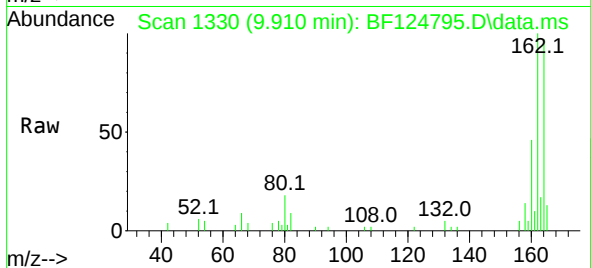




#51
2,6-Dinitrotoluene
Concen: 8.568 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

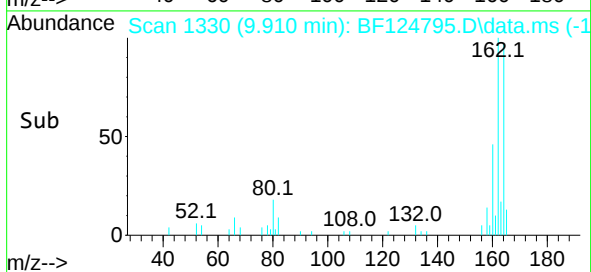
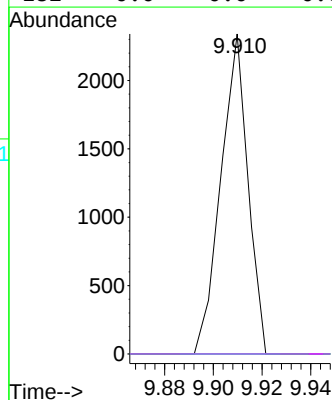
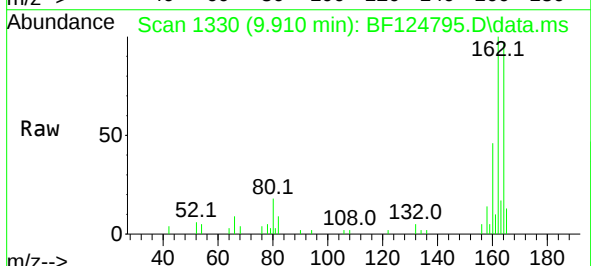
Instrument :
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ClientSampleId :
COMP-3

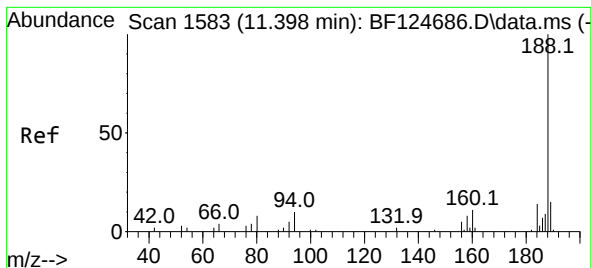
Tgt Ion:165 Resp: 1805
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.314 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Tgt Ion:165 Resp: 1805
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

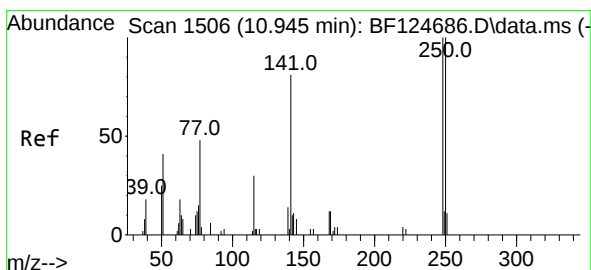
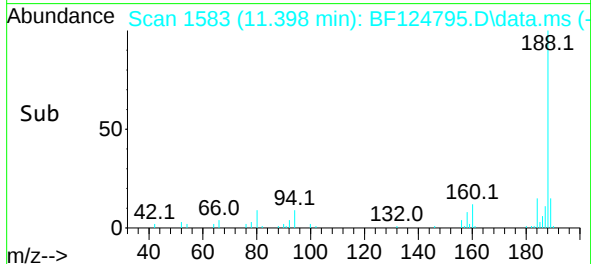
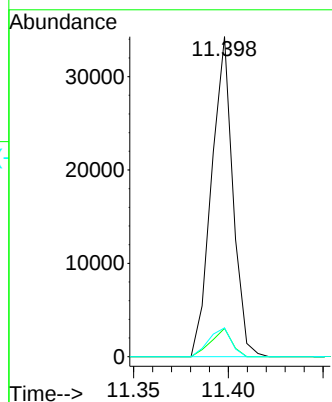
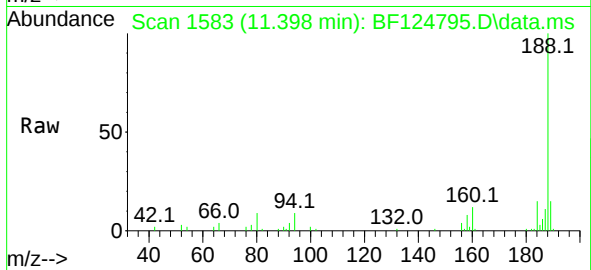




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

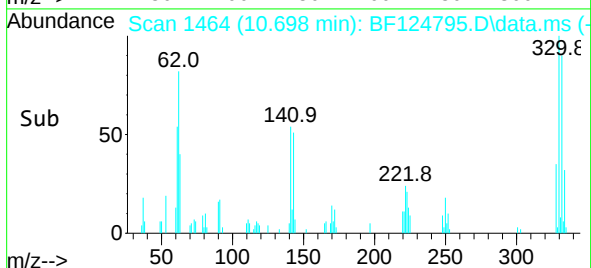
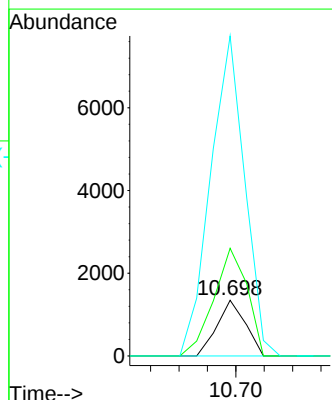
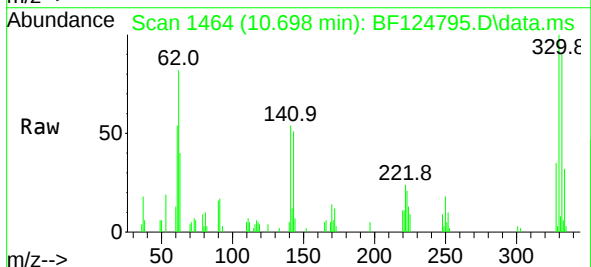
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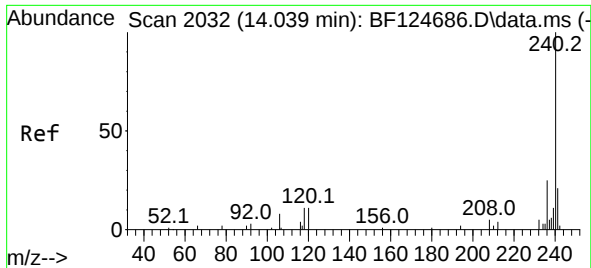
Tgt Ion:188 Resp: 26826
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.286 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Tgt Ion:248 Resp: 935
Ion Ratio Lower Upper
248 100
250 193.4 74.2 111.4#
141 574.3 60.4 90.6#

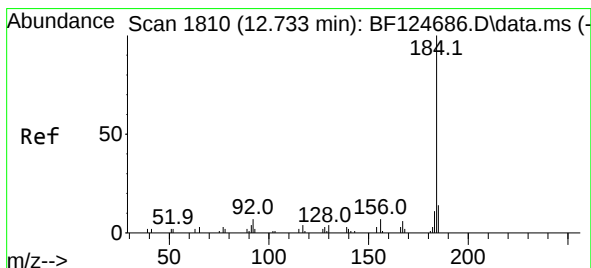
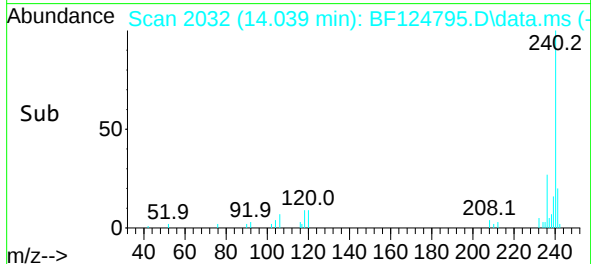
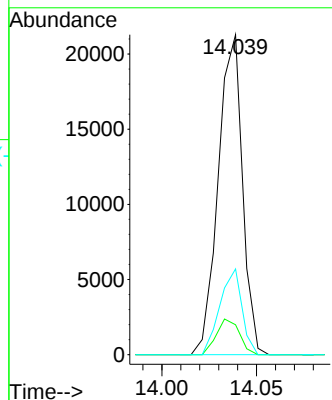
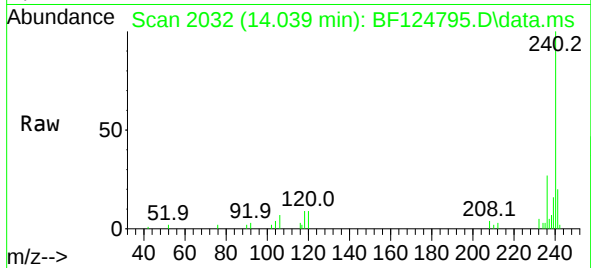




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

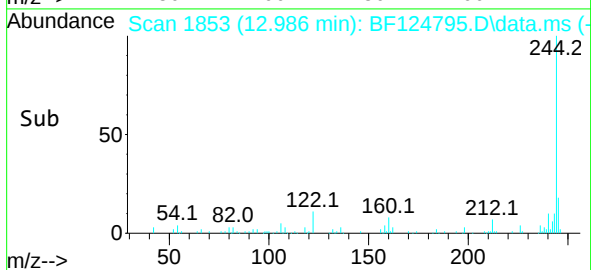
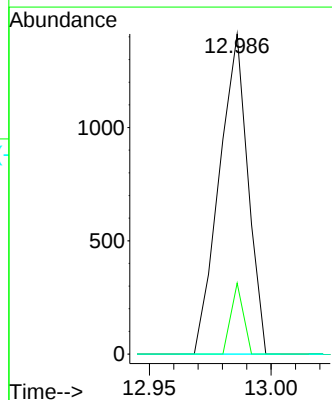
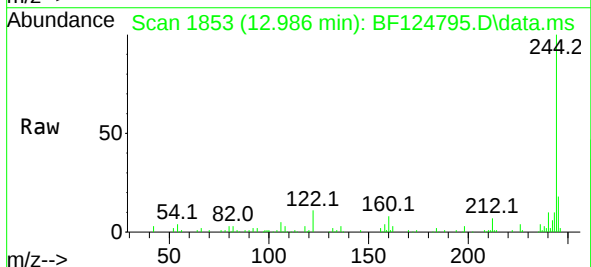
Instrument :
BNA_F
ClientSampleId :
COMP-3

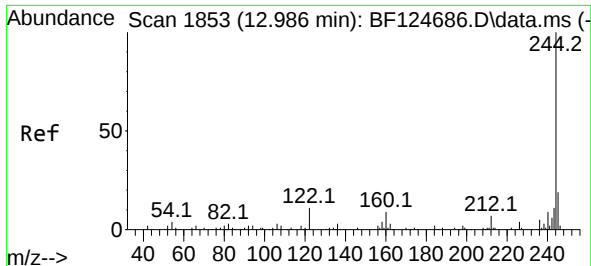
Tgt Ion:240 Resp: 18932
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.8 21.6 32.4



#77
Benzidine
Concen: 2.171 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Tgt Ion:184 Resp: 1159
Ion Ratio Lower Upper
184 100
185 22.2 10.8 16.2#
183 0.0 8.1 12.1#

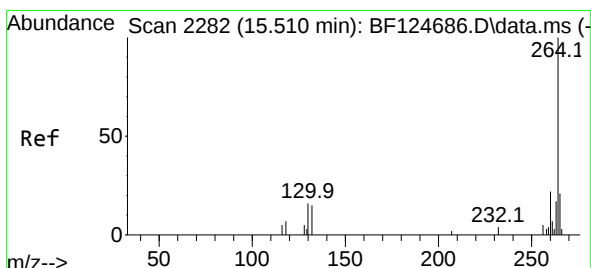
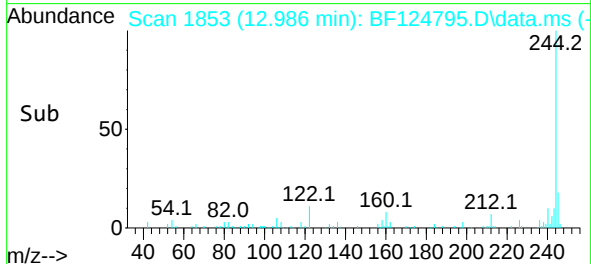
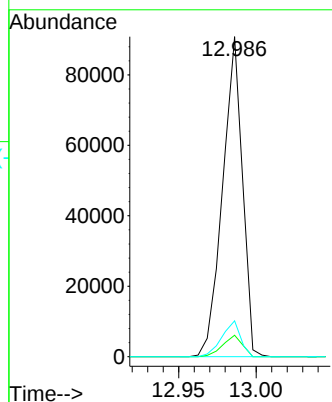
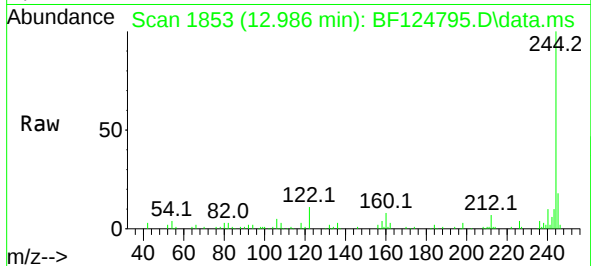




#79
Terphenyl-d14
Concen: 72.953 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:244 Resp: 80573
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124795.D
Acq: 27 Jul 2021 15:33

Tgt Ion:264 Resp: 15142
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.6 17.2 25.8

