

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129132.D
 Acq On : 05 Jul 2022 19:35
 Operator : CG\JU
 Sample : N3564-32
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-16-2-3

Quant Time: Jul 06 02:26:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

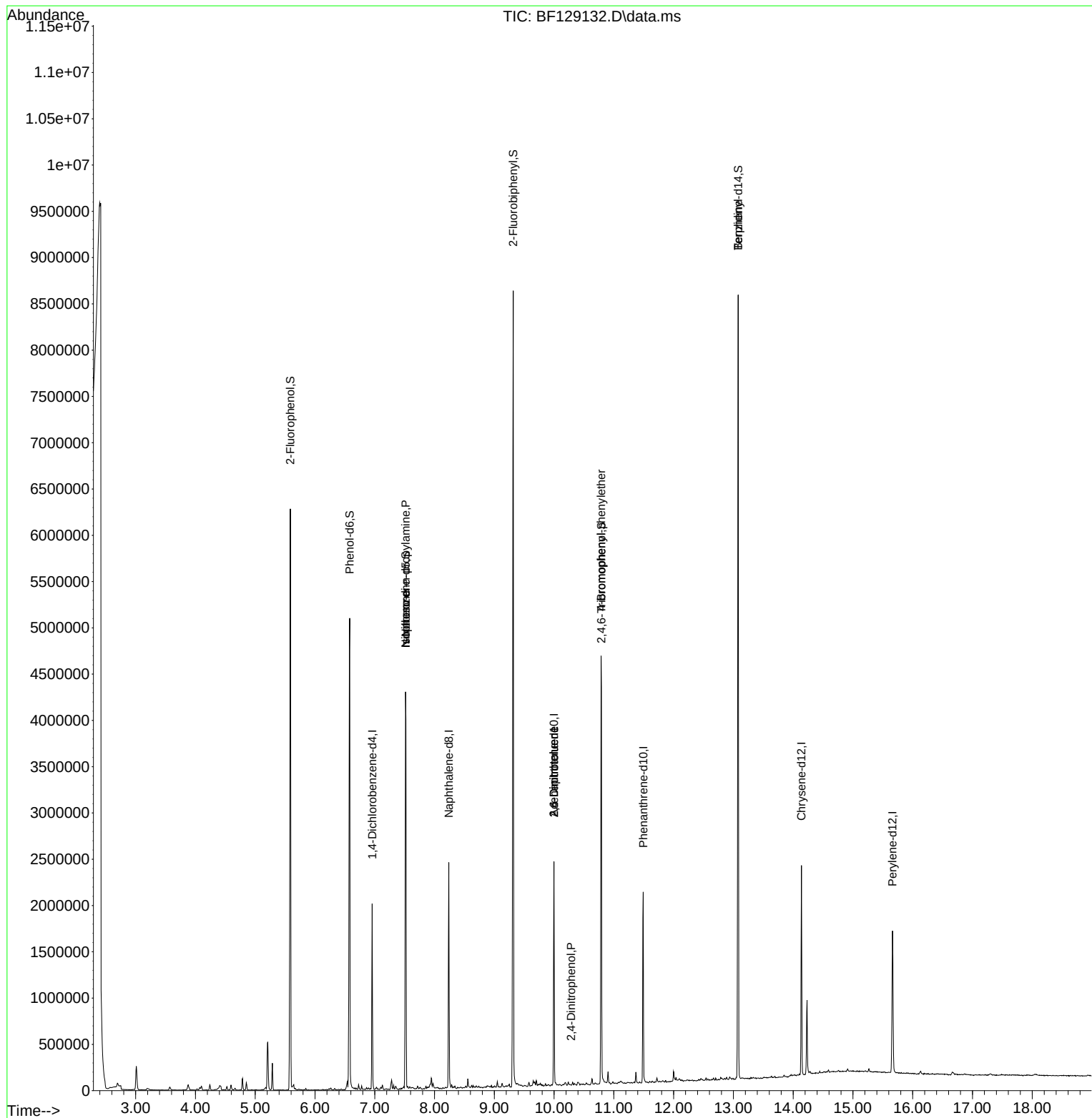
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	266888	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	971042	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	458475	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	750227	20.000	ng	0.00
76) Chrysene-d12	14.139	240	708584	20.000	ng	-0.01
86) Perylene-d12	15.662	264	722497	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1810501	114.688	ng	0.00
7) Phenol-d6	6.581	99	2023246	103.195	ng	0.00
23) Nitrobenzene-d5	7.516	82	1478825	90.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	629389	126.251	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2720180	94.917	ng	0.00
79) Terphenyl-d14	13.080	244	2820414	82.657	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	1762	Below Cal		96
19) n-Nitroso-di-n-propyla...	7.516	70	194293	17.131 ng	#	72
25) Isophorone	7.516	82	1460536	53.084 ng	#	65
51) 2,6-Dinitrotoluene	9.998	165	59427	10.139 ng	#	25
54) 2,4-Dinitrophenol	10.286	184	81	6.890 ng		88
57) 2,4-Dinitrotoluene	9.998	165	59475	8.220 ng	#	21
67) 4-Bromophenyl-phenylether	10.786	248	38504	4.825 ng	#	1
77) Benzidine	13.080	184	37114	2.942 ng	#	92

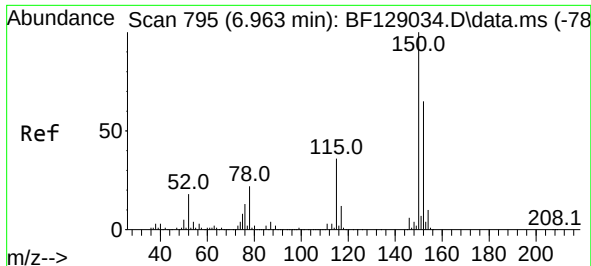
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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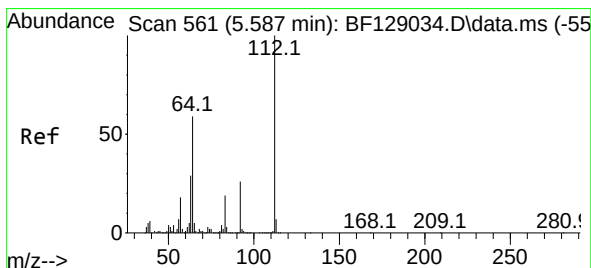
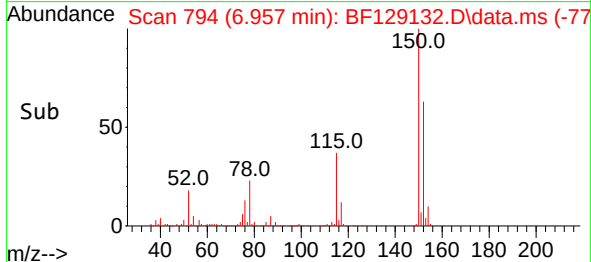
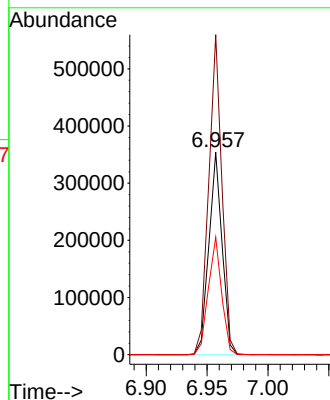
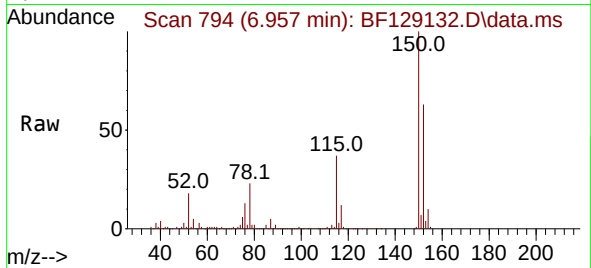




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

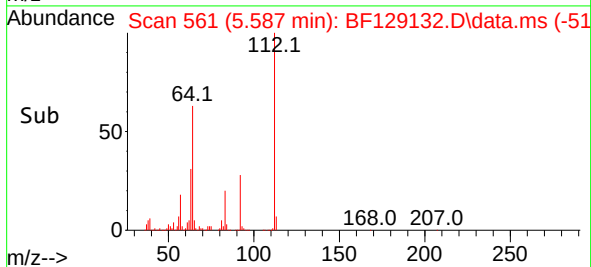
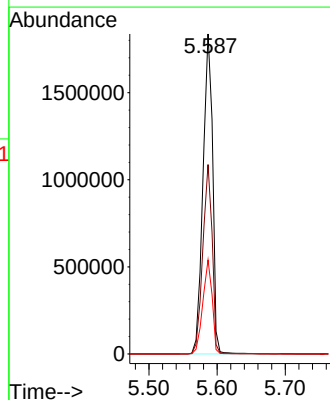
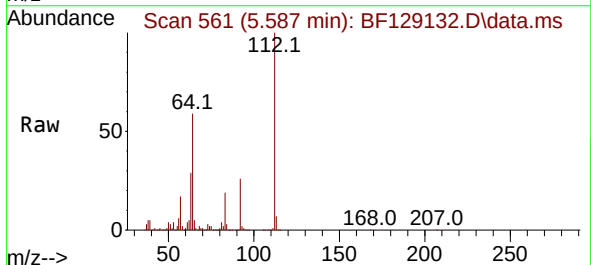
Instrument :
BNA_F
ClientSampleId :
WC-16-2-3

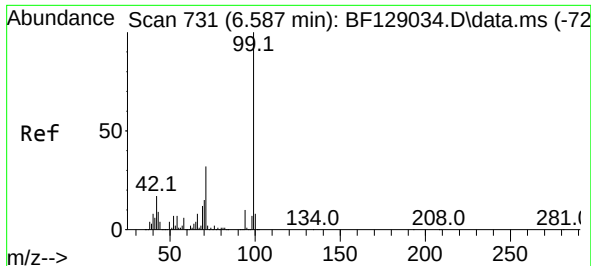
Tgt Ion:152 Resp: 266888
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 114.688 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

Tgt Ion:112 Resp: 1810501
Ion Ratio Lower Upper
112 100
64 59.2 53.3 79.9
63 29.4 28.0 42.0

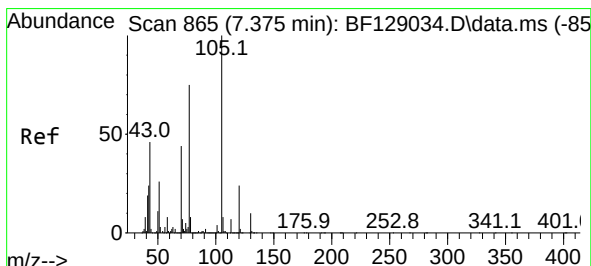
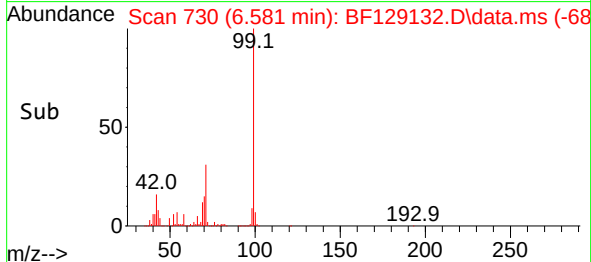
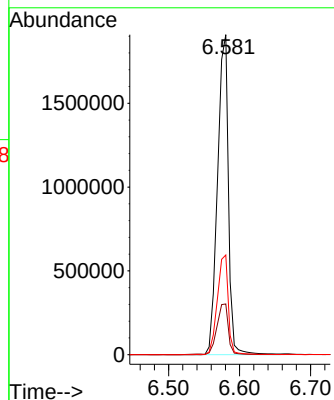
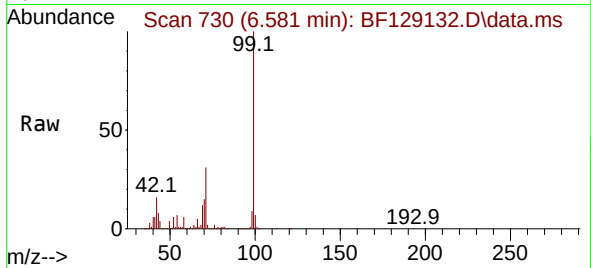




#7
Phenol-d6
Concen: 103.195 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

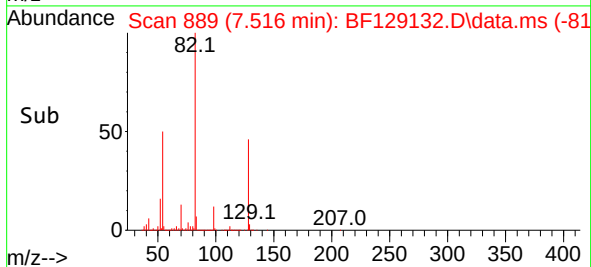
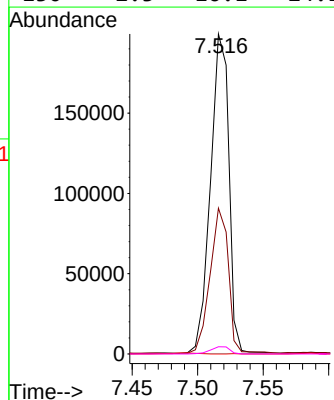
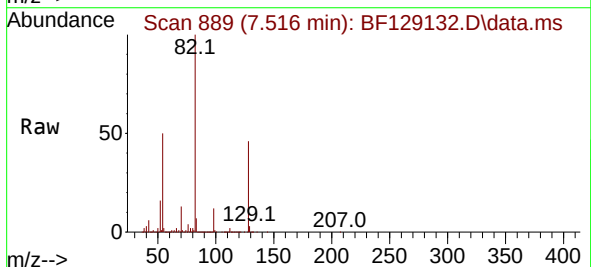
Instrument :
BNA_F
ClientSampleId :
WC-16-2-3

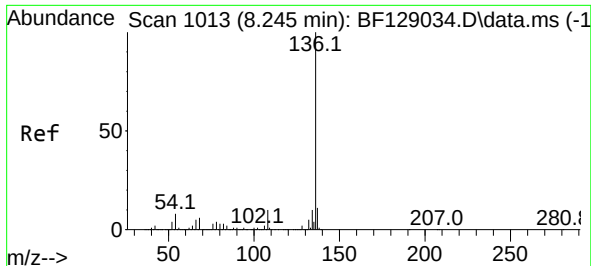
Tgt Ion: 99 Resp: 2023246
Ion Ratio Lower Upper
99 100
42 15.9 17.3 25.9#
71 31.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.131 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 70 Resp: 194293
Ion Ratio Lower Upper
70 100
42 45.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

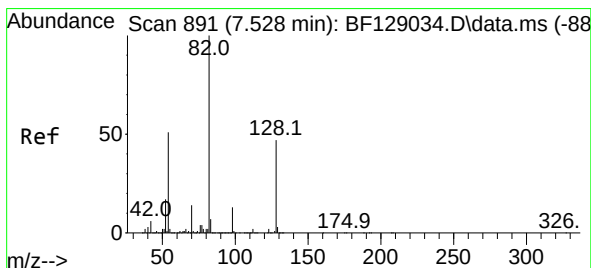
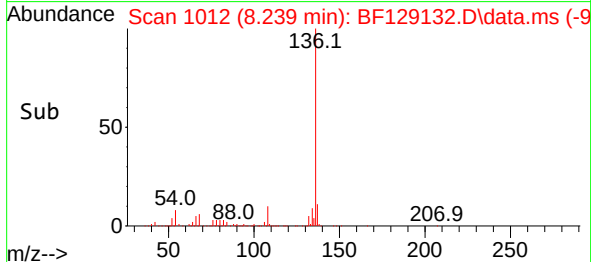
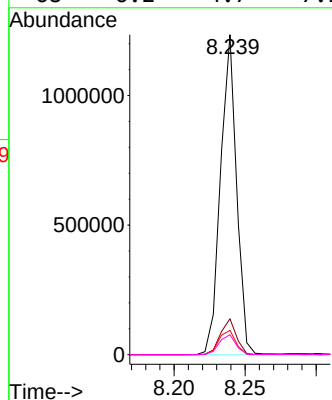
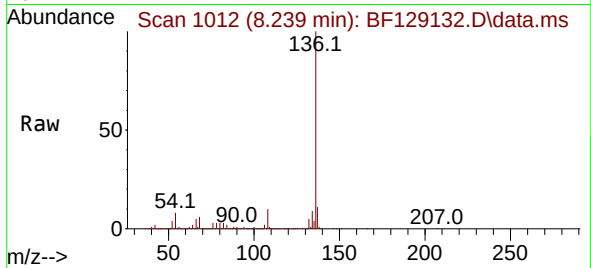




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

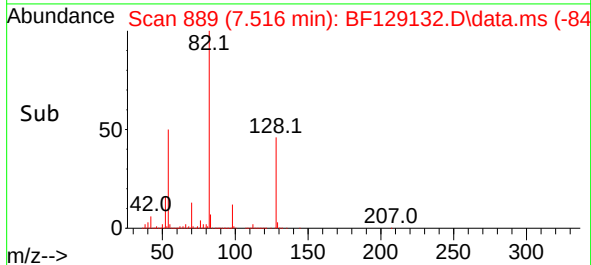
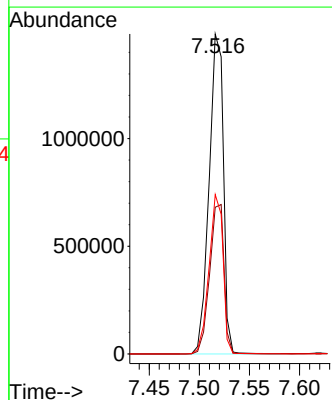
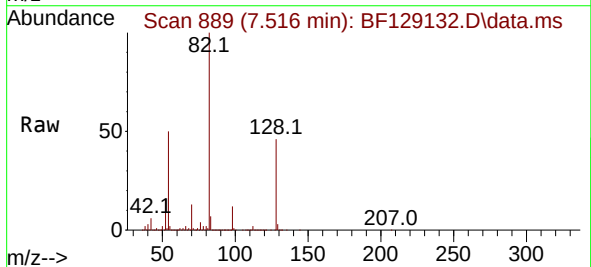
Instrument :
BNA_F
ClientSampleId :
WC-16-2-3

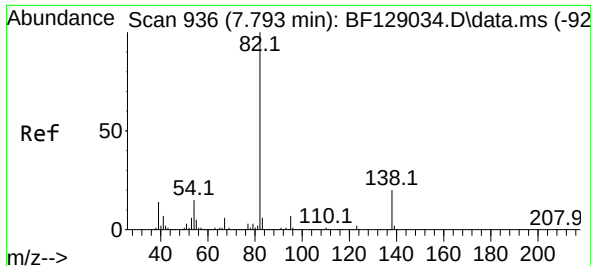
Tgt Ion:136 Resp: 971042
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 90.837 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

Tgt Ion: 82 Resp: 1478825
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 49.8 46.9 70.3

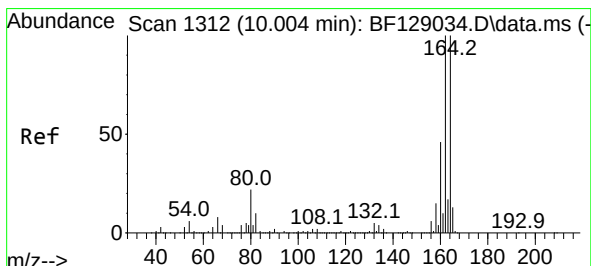
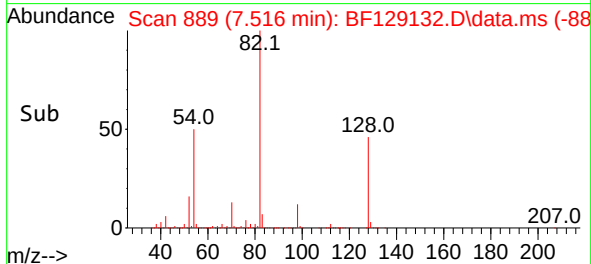
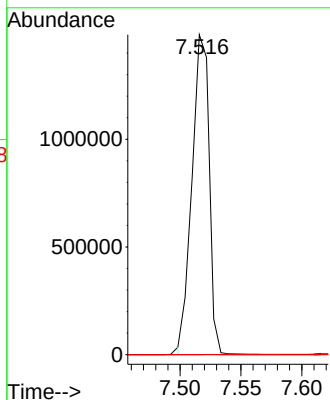
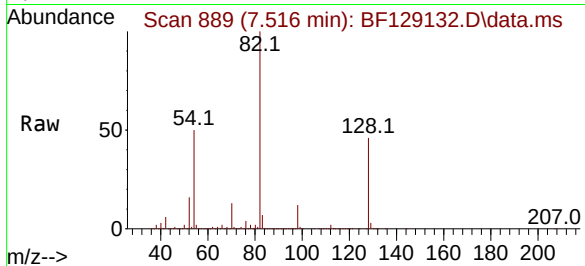




#25
Isophorone
Concen: 53.084 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

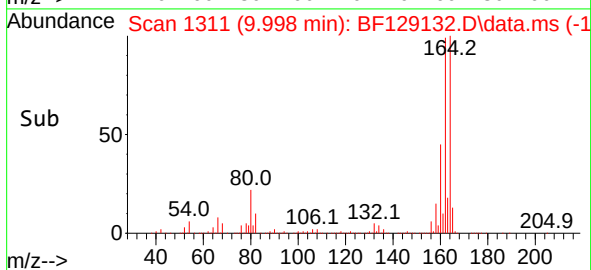
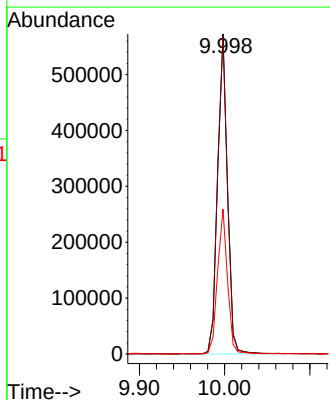
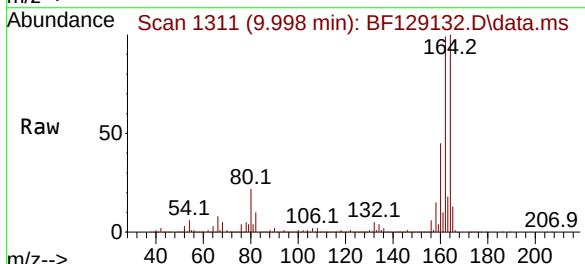
Instrument :
BNA_F
ClientSampleId :
WC-16-2-3

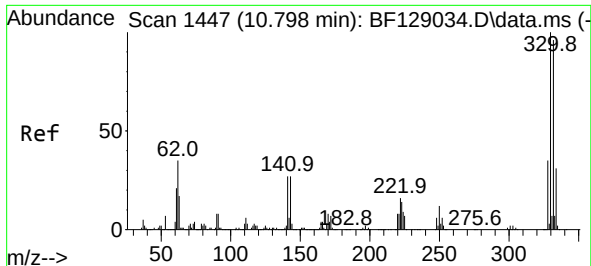
Tgt Ion: 82 Resp: 1460536
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

Tgt Ion:164 Resp: 458475
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.251 ng

RT: 10.792 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF129132.D

Acq: 05 Jul 2022 19:35

Instrument :

BNA_F

ClientSampleId :

WC-16-2-3

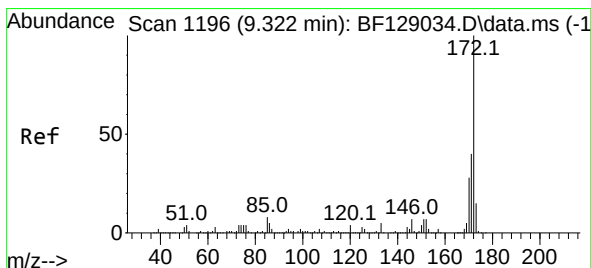
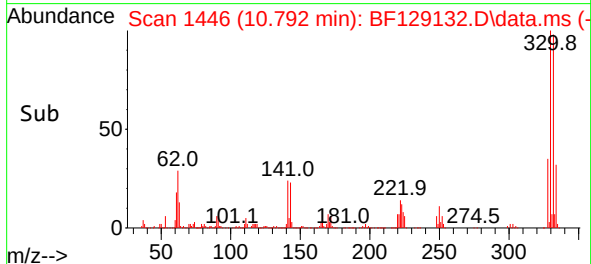
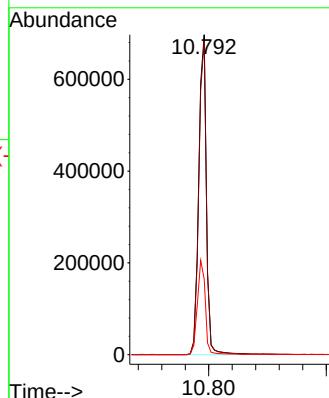
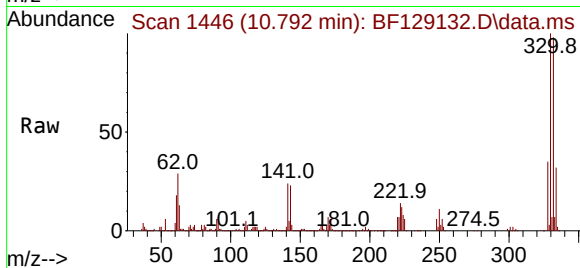
Tgt Ion:330 Resp: 629389

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 30.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 94.917 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129132.D

Acq: 05 Jul 2022 19:35

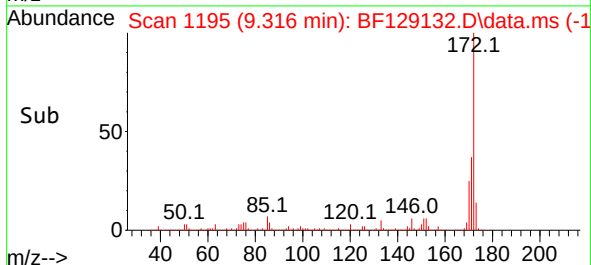
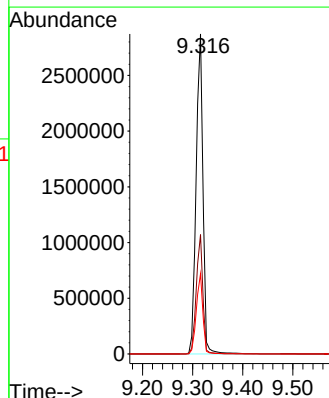
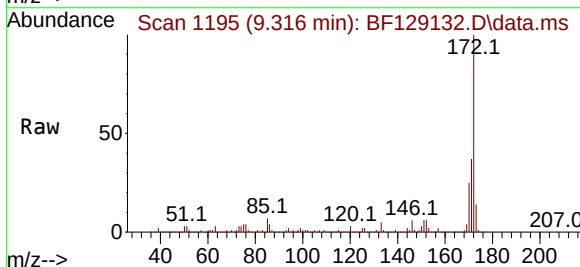
Tgt Ion:172 Resp: 2720180

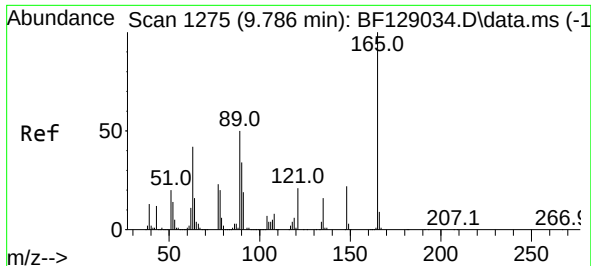
Ion Ratio Lower Upper

172 100

171 37.3 28.8 43.2

170 25.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.139 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF129132.D

Acq: 05 Jul 2022 19:35

Instrument :

BNA_F

ClientSampleId :

WC-16-2-3

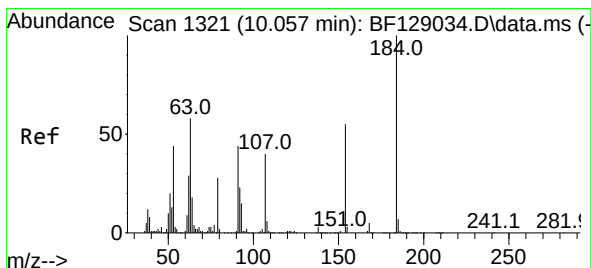
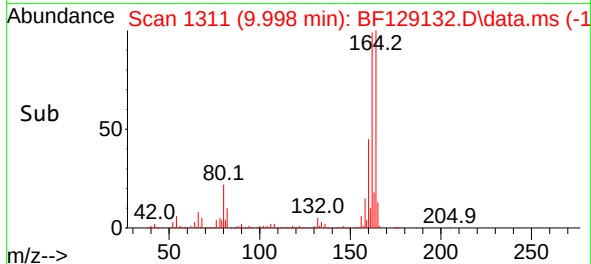
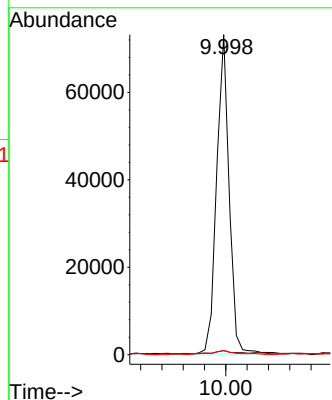
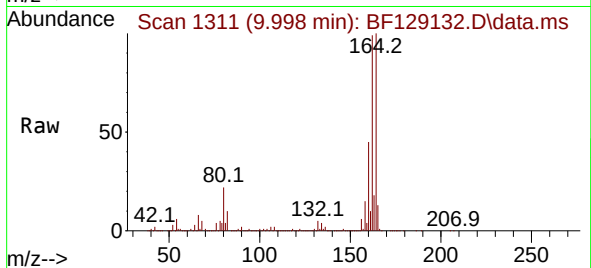
Tgt Ion:165 Resp: 59427

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.3 43.6 65.4#



#54

2,4-Dinitrophenol

Concen: 6.890 ng

RT: 10.286 min Scan# 1360

Delta R.T. 0.229 min

Lab File: BF129132.D

Acq: 05 Jul 2022 19:35

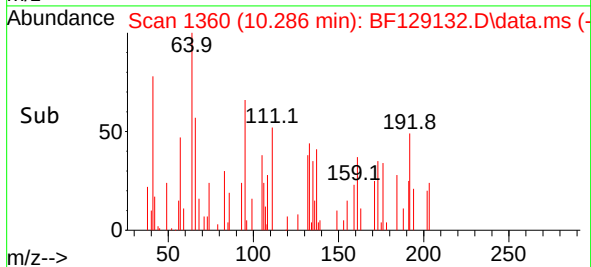
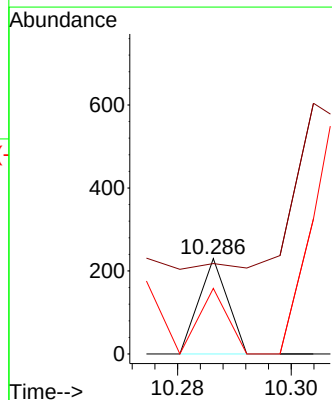
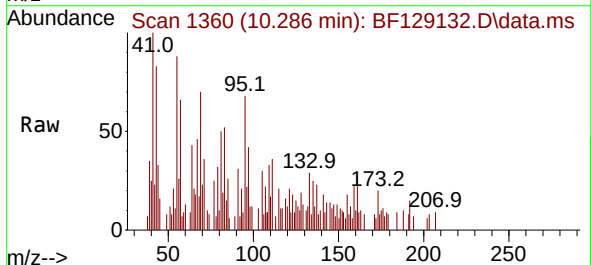
Tgt Ion:184 Resp: 81

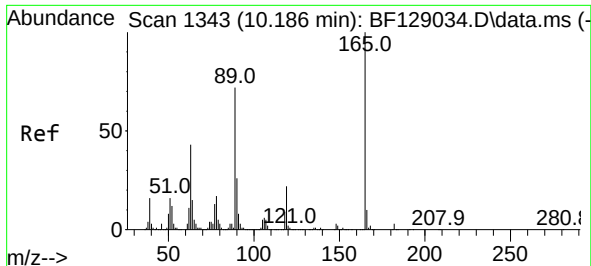
Ion Ratio Lower Upper

184 100

63 94.8 64.5 96.7

154 68.7 50.6 75.8

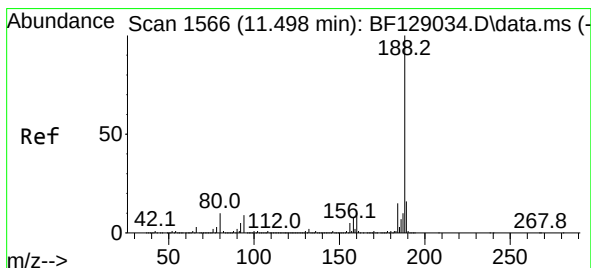
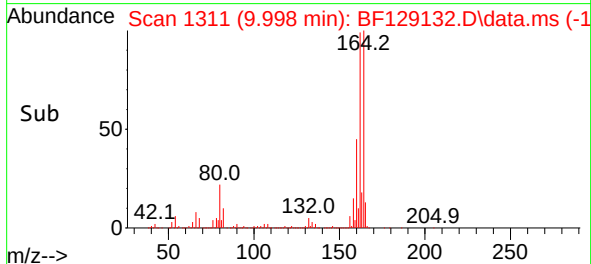
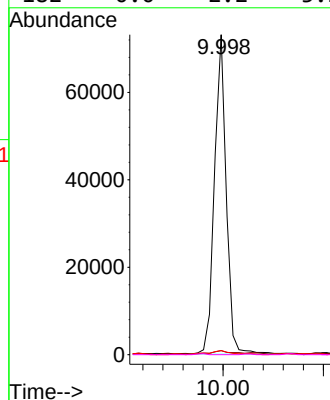
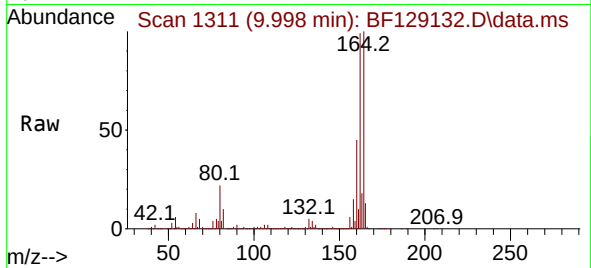




#57
2,4-Dinitrotoluene
Concen: 8.220 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

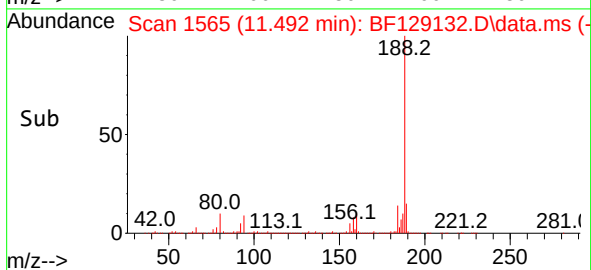
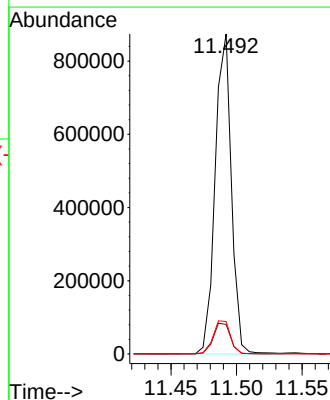
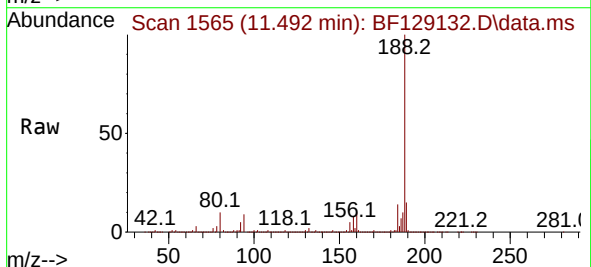
Instrument :
BNA_F
ClientSampleId :
WC-16-2-3

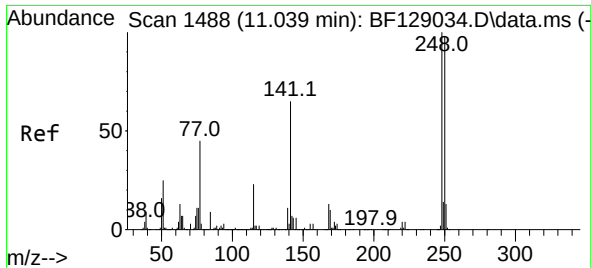
Tgt Ion:165 Resp: 59475
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

Tgt Ion:188 Resp: 750227
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.1 7.6 11.4

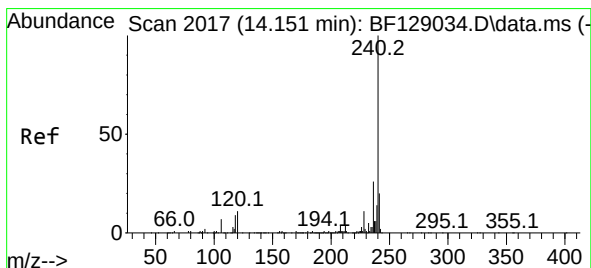
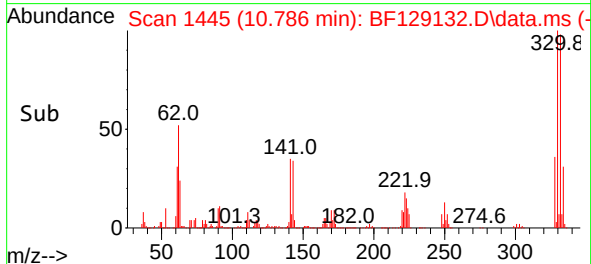
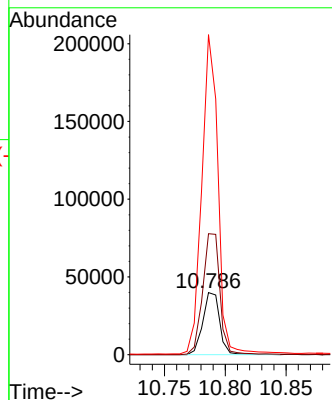
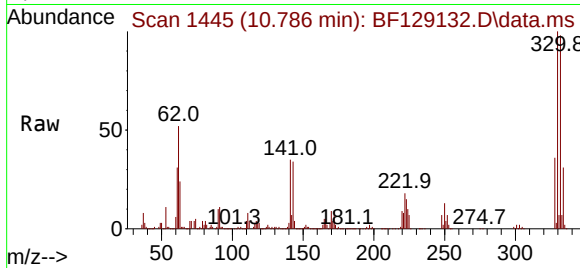




#67
4-Bromophenyl-phenylether
Concen: 4.825 ng
RT: 10.786 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

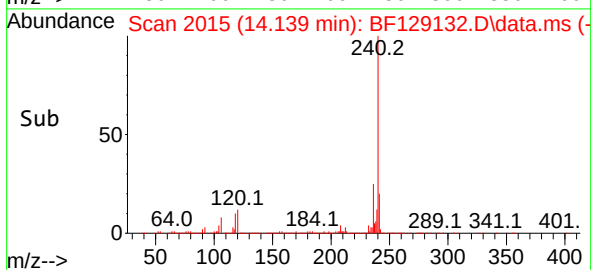
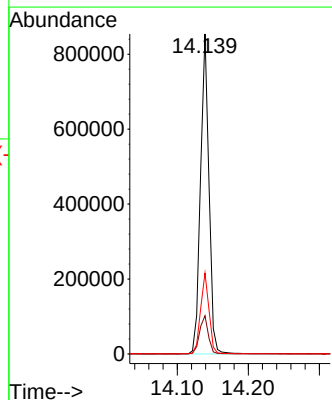
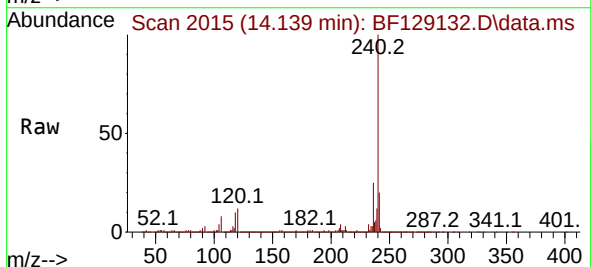
Instrument :
BNA_F
ClientSampleId :
WC-16-2-3

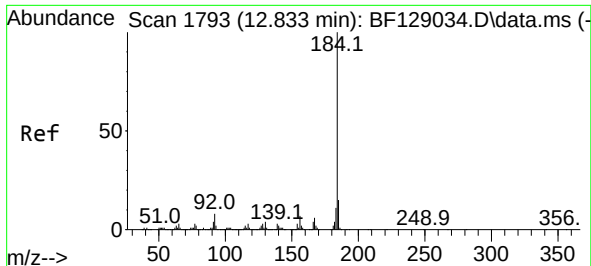
Tgt Ion:248 Resp: 38504
Ion Ratio Lower Upper
248 100
250 194.7 80.6 120.8#
141 515.1 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

Tgt Ion:240 Resp: 708584
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.3 20.8 31.2

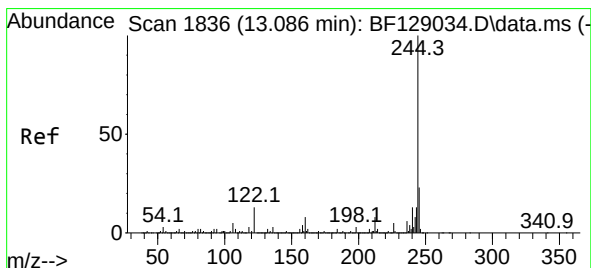
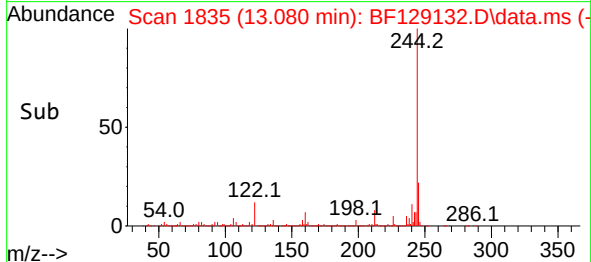
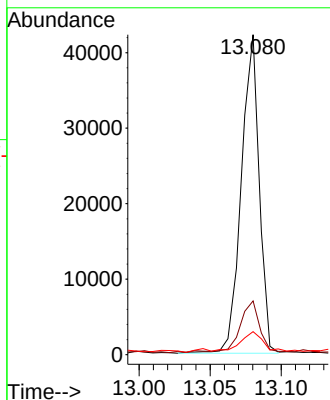
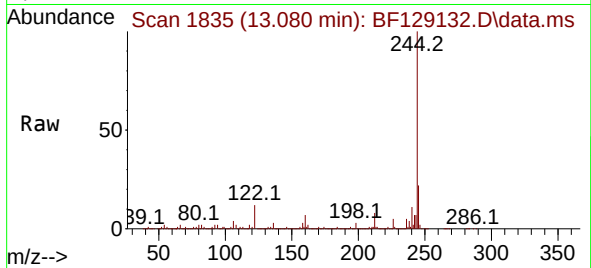




#77
Benzidine
Concen: 2.942 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

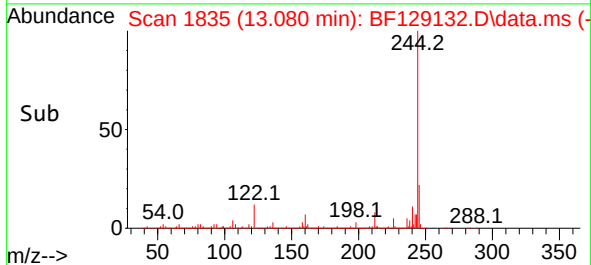
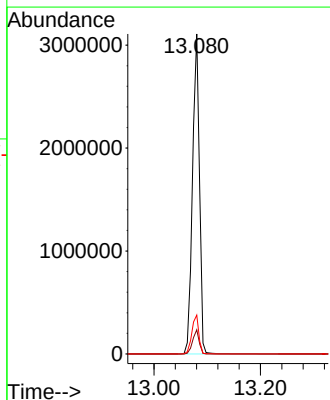
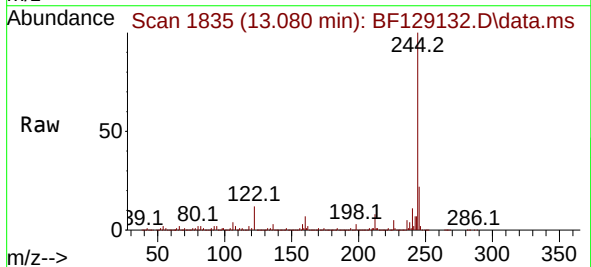
Instrument :
BNA_F
ClientSampleId :
WC-16-2-3

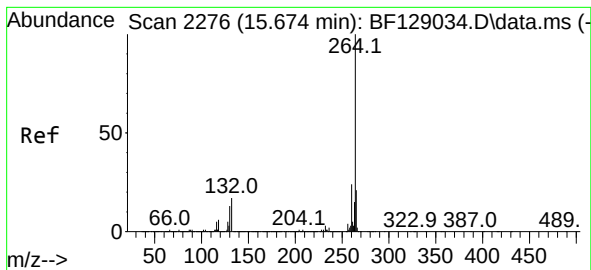
Tgt Ion:184 Resp: 37114
Ion Ratio Lower Upper
184 100
185 16.8 11.9 17.9
183 7.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 82.657 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129132.D
Acq: 05 Jul 2022 19:35

Tgt Ion:244 Resp: 2820414
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 12.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129132.D
 Acq: 05 Jul 2022 19:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-16-2-3

Tgt Ion:264 Resp: 722497
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.9 17.2 25.8

