

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129131.D
 Acq On : 05 Jul 2022 19:03
 Operator : CG\JU
 Sample : N3564-27
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-16-2-4

Quant Time: Jul 06 02:25:59 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)

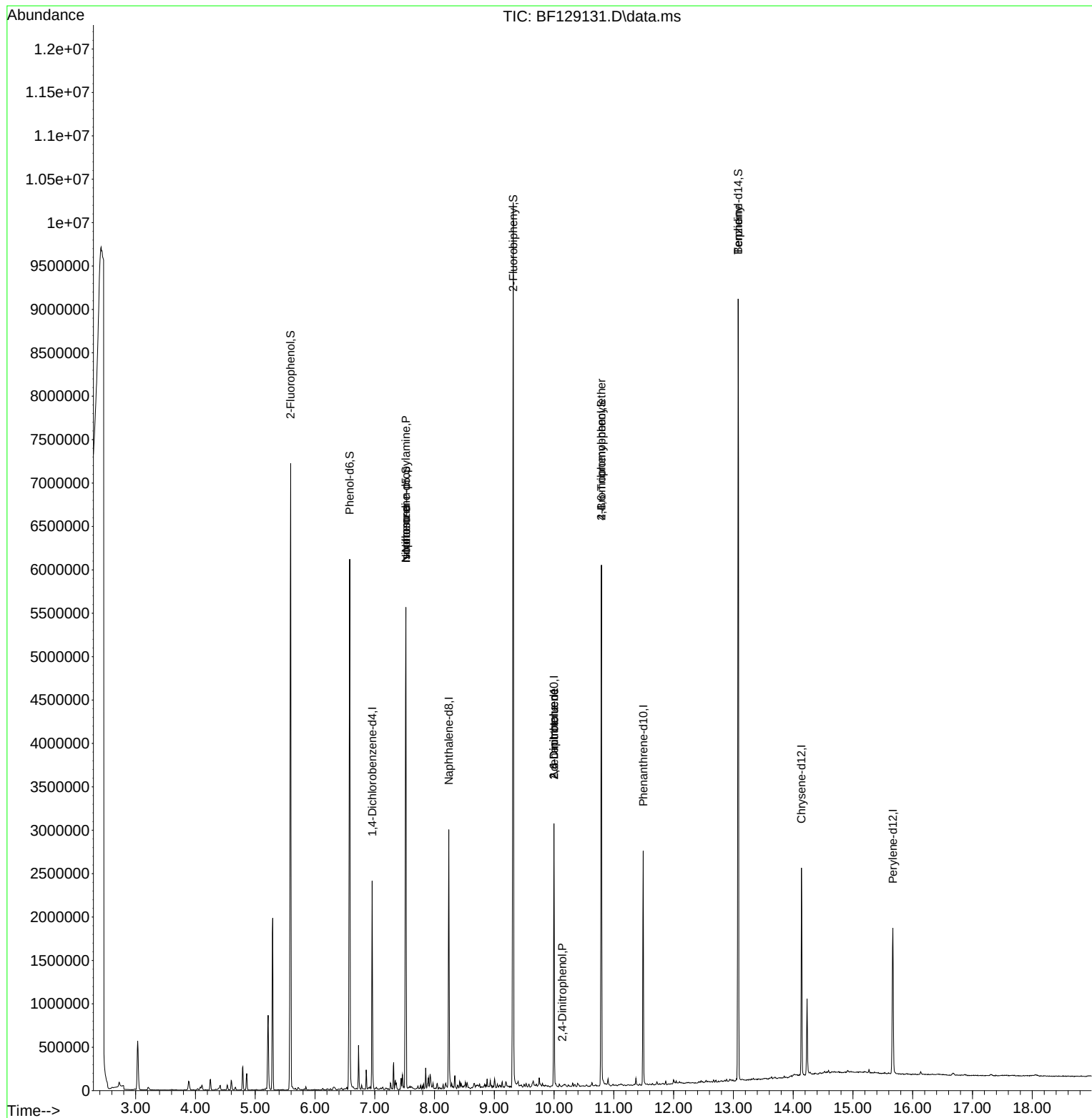
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	327179	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1223315	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	586379	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	920879	20.000	ng	0.00
76) Chrysene-d12	14.139	240	788482	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	793852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	2157555	111.487	ng	0.00
7) Phenol-d6	6.581	99	2383994	99.188	ng	0.00
23) Nitrobenzene-d5	7.522	82	1816969	88.592	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	770517	120.846	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3257382	88.869	ng	0.00
79) Terphenyl-d14	13.080	244	3141991	82.751	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2825	Below Cal		85
19) n-Nitroso-di-n-propyla...	7.522	70	241144	17.344 ng	#	70
25) Isophorone	7.522	82	1796593	51.832 ng	#	65
51) 2,6-Dinitrotoluene	9.998	165	76918	10.261 ng	#	25
54) 2,4-Dinitrophenol	10.139	184	108	6.891 ng	#	7
57) 2,4-Dinitrotoluene	9.998	165	76918	8.312 ng	#	21
67) 4-Bromophenyl-phenylether	10.792	248	46344	4.731 ng	#	1
77) Benzidine	13.080	184	42929	3.058 ng	#	91

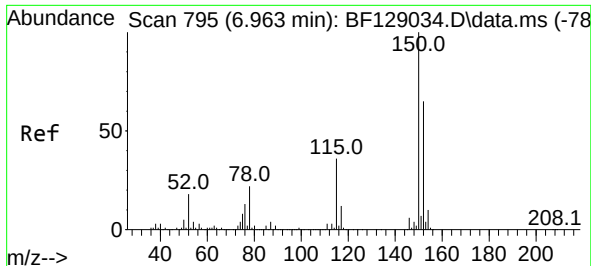
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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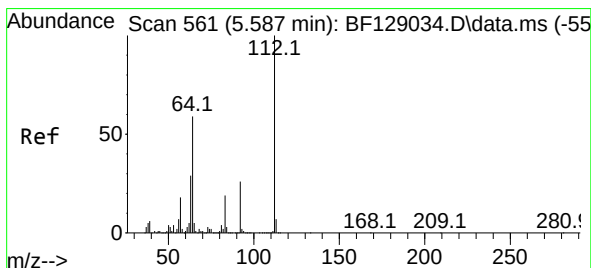
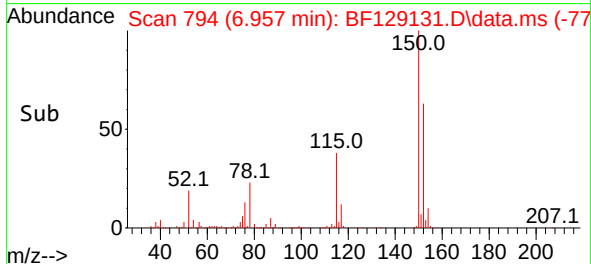
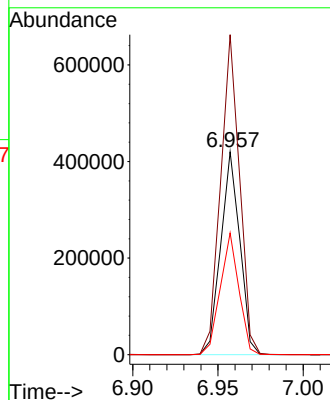
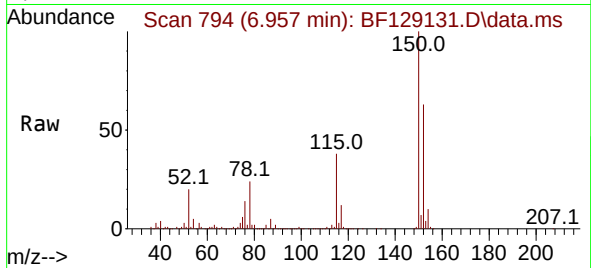




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

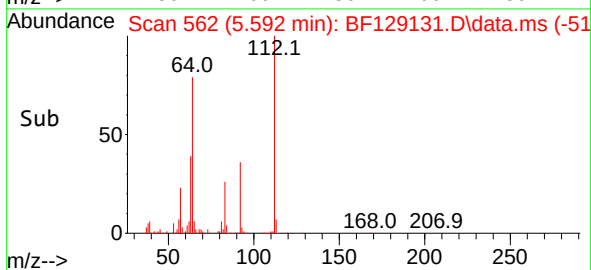
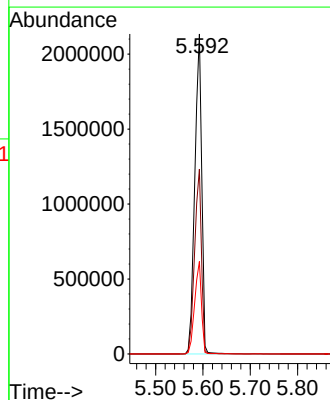
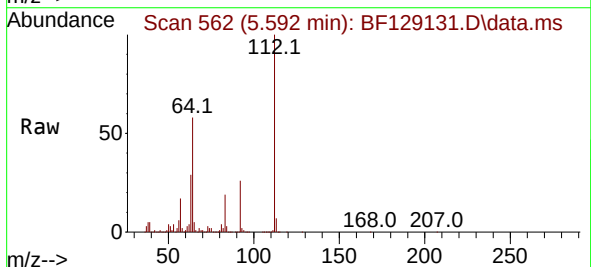
Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

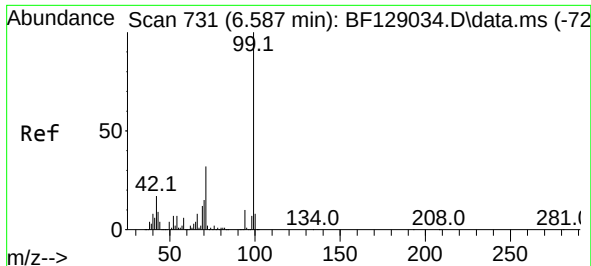
Tgt Ion:152 Resp: 327179
Ion Ratio Lower Upper
152 100
150 157.7 123.7 185.5
115 60.0 49.9 74.9



#5
2-Fluorophenol
Concen: 111.487 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion:112 Resp: 2157555
Ion Ratio Lower Upper
112 100
64 57.8 53.3 79.9
63 28.9 28.0 42.0

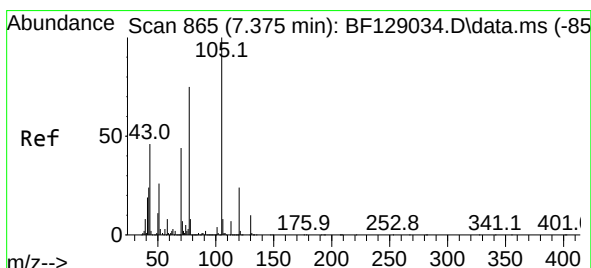
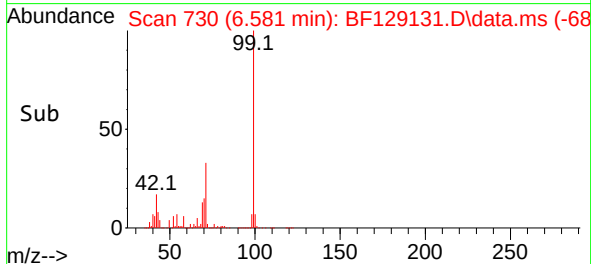
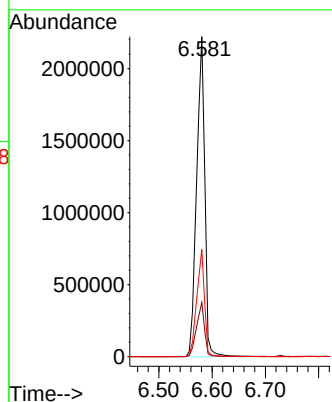
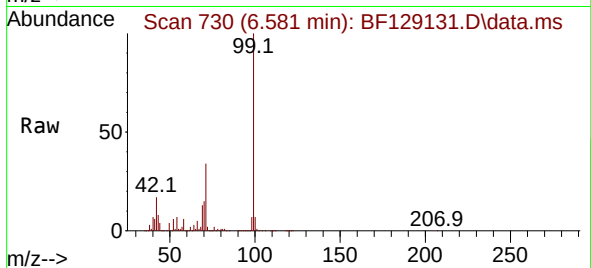




#7
Phenol-d6
Concen: 99.188 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

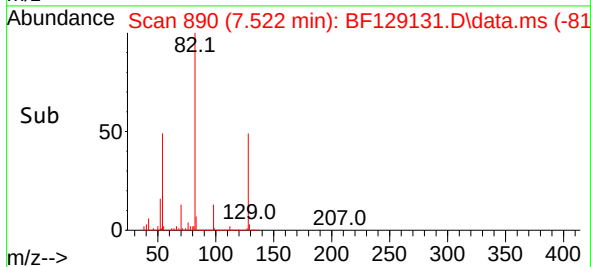
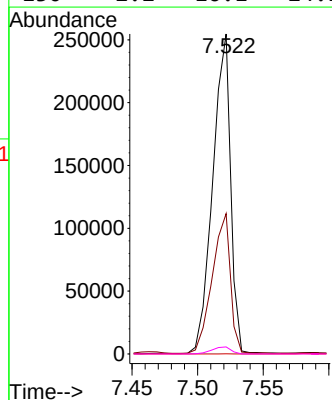
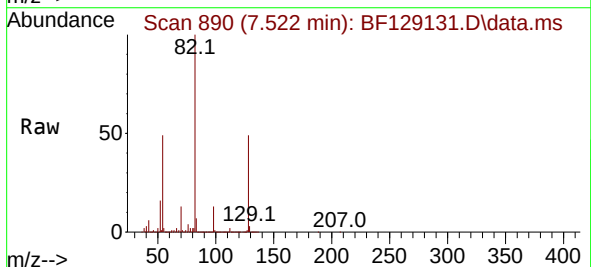
Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

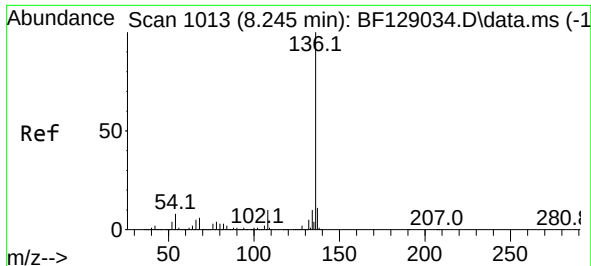
Tgt Ion: 99 Resp: 2383994
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 33.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.344 ng
RT: 7.522 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion: 70 Resp: 241144
Ion Ratio Lower Upper
70 100
42 43.9 52.3 78.5#
101 0.1 7.5 11.3#
130 2.2 16.1 24.1#



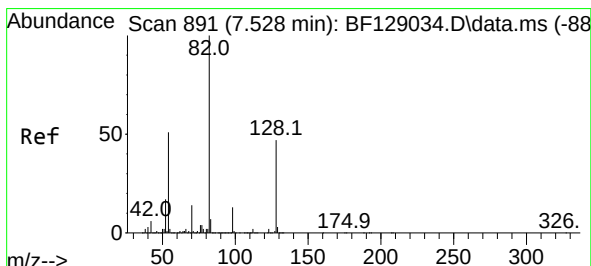
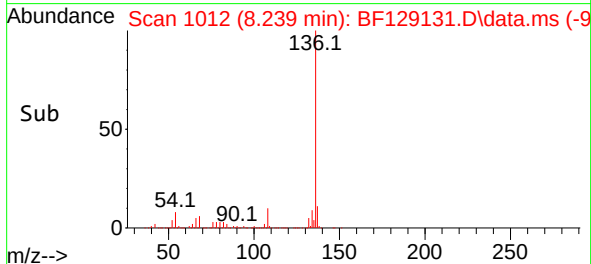
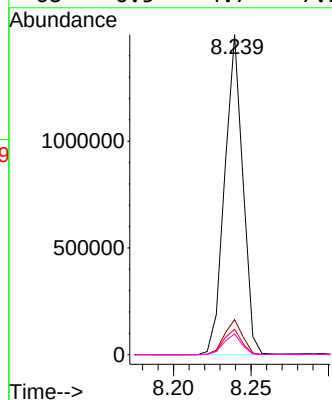
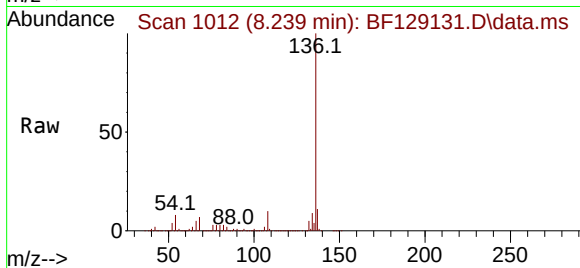


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

Tgt Ion:136 Resp: 1223315

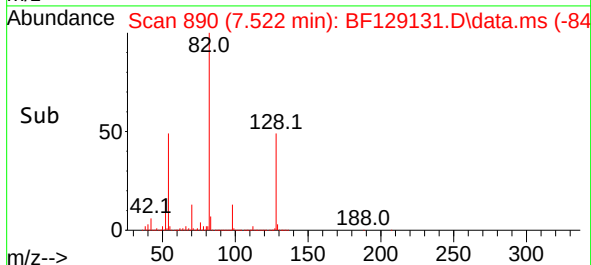
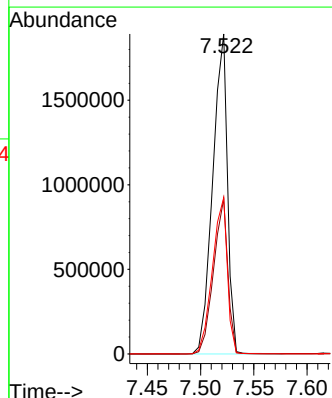
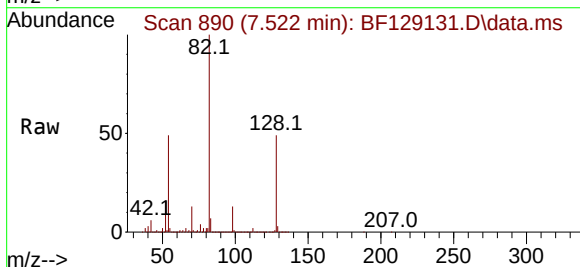
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.5	11.3
68	6.5	4.7	7.1

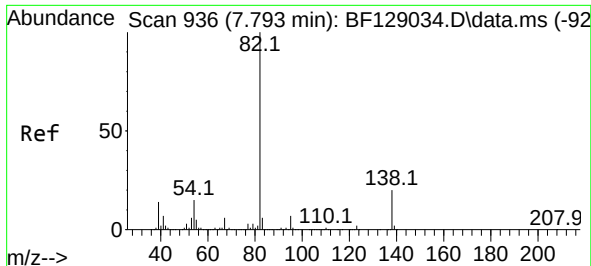


#23
Nitrobenzene-d5
Concen: 88.592 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion: 82 Resp: 1816969

Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	48.9	46.9	70.3

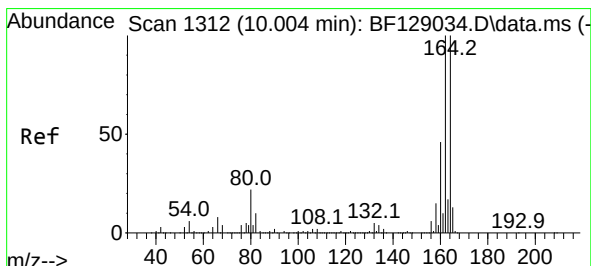
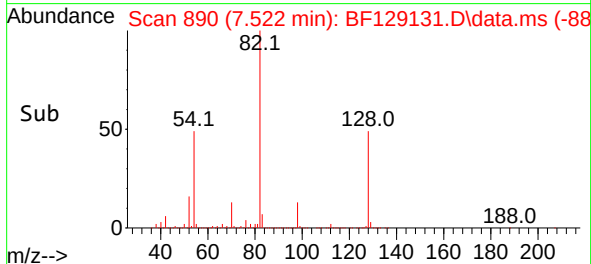
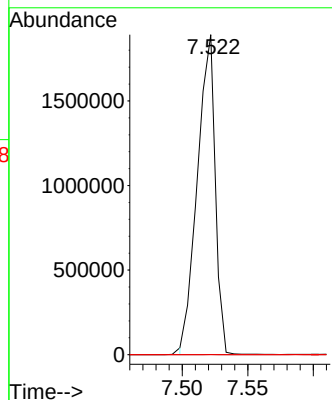
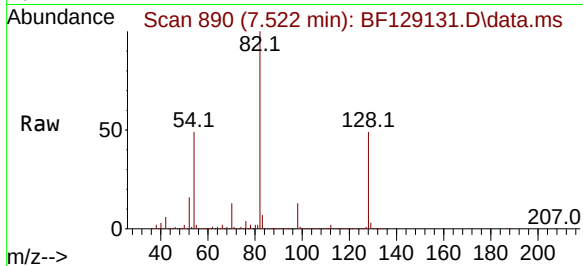




#25
Isophorone
Concen: 51.832 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.271 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

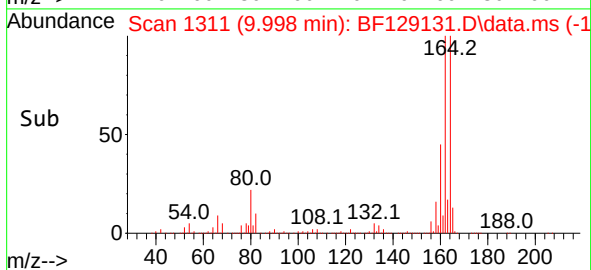
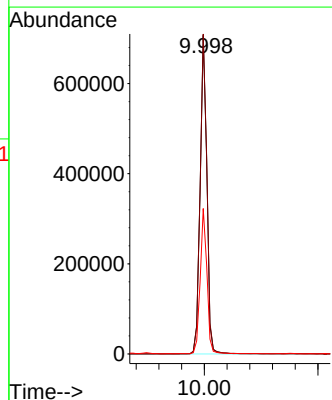
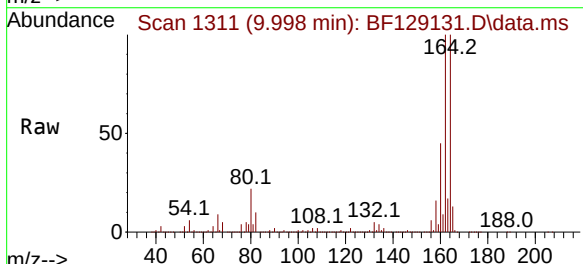
Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

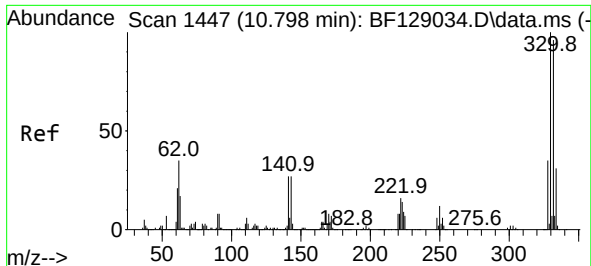
Tgt Ion: 82 Resp: 1796593
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion: 164 Resp: 586379
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 45.6 34.2 51.4

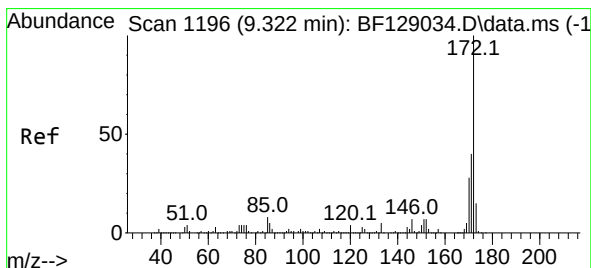
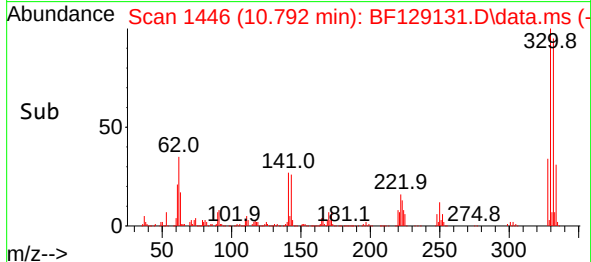
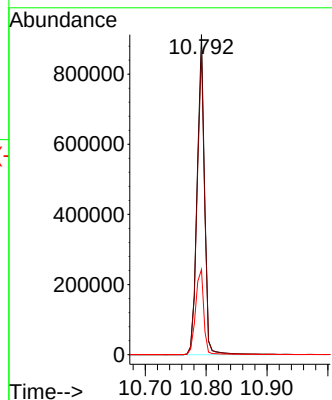
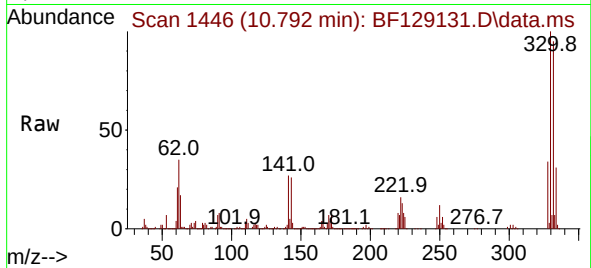




#42
2,4,6-Tribromophenol
Concen: 120.846 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

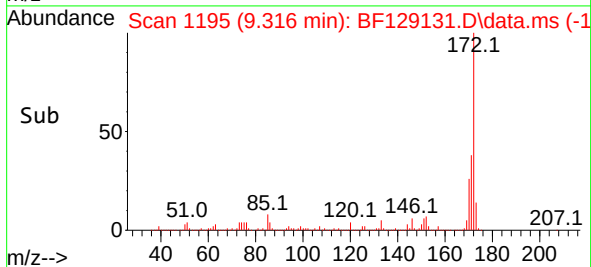
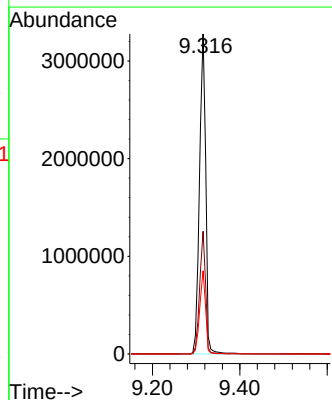
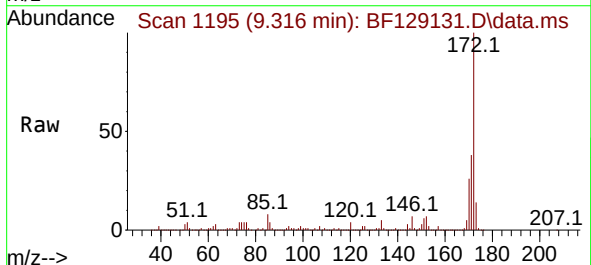
Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

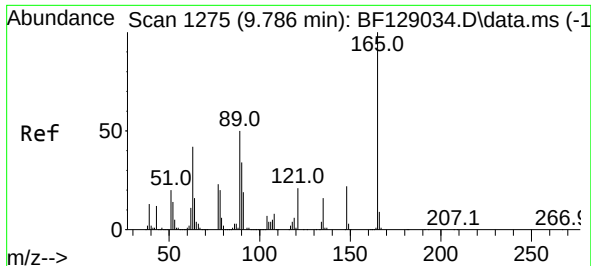
Tgt Ion:330 Resp: 770517
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 29.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 88.869 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion:172 Resp: 3257382
Ion Ratio Lower Upper
172 100
171 38.4 28.8 43.2
170 26.0 19.8 29.8

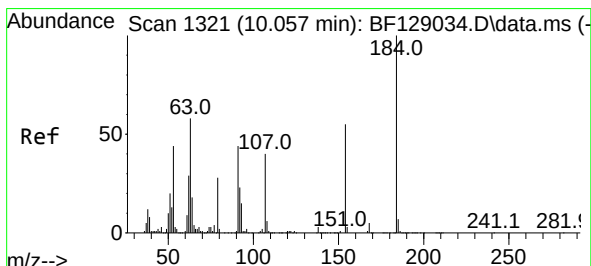
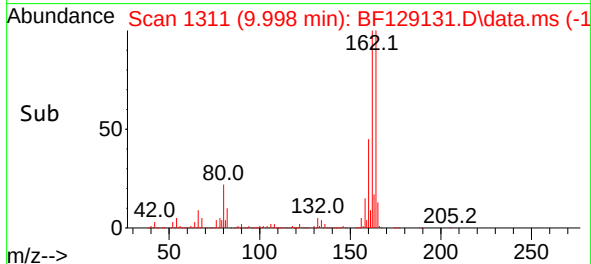
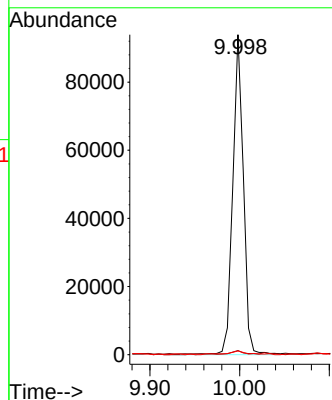
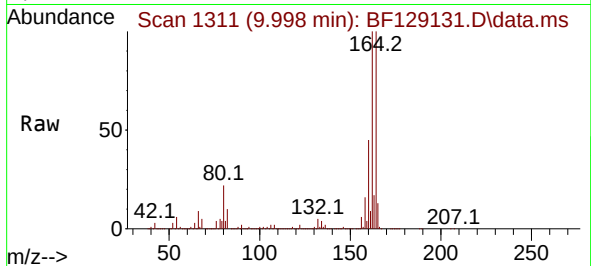




#51
2,6-Dinitrotoluene
Concen: 10.261 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

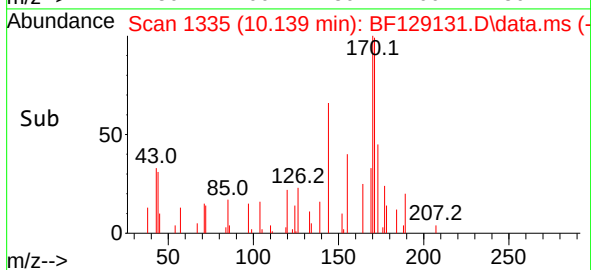
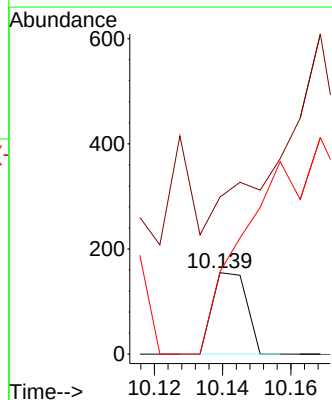
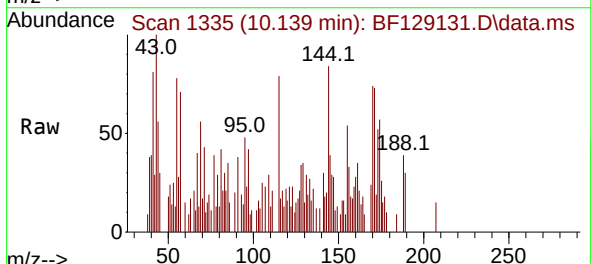
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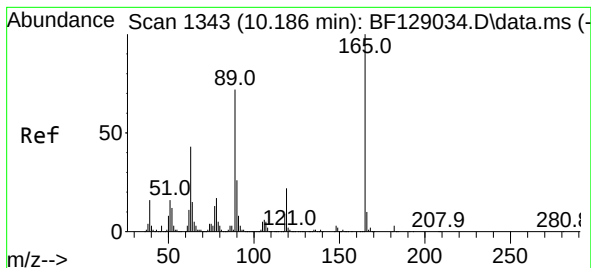
Tgt Ion:165 Resp: 76918
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.891 ng
RT: 10.139 min Scan# 1335
Delta R.T. 0.082 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion:184 Resp: 108
Ion Ratio Lower Upper
184 100
63 192.9 64.5 96.7#
154 101.3 50.6 75.8#

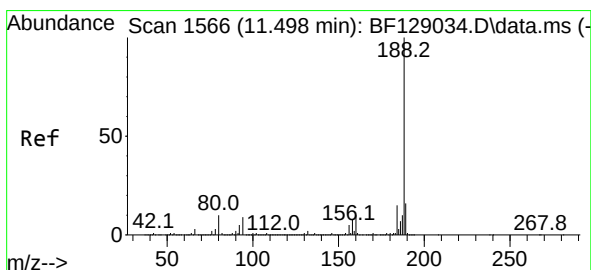
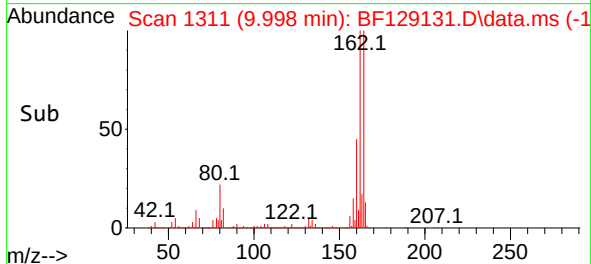
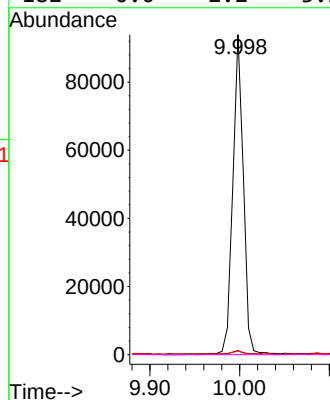
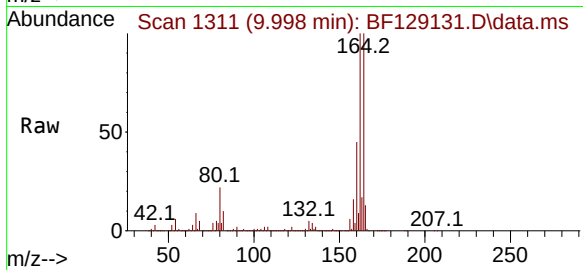




#57
2,4-Dinitrotoluene
Concen: 8.312 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

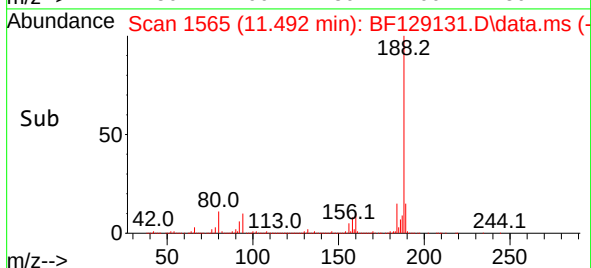
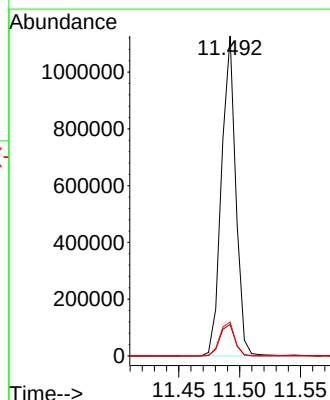
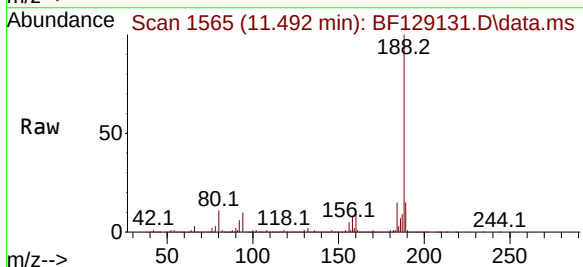
Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

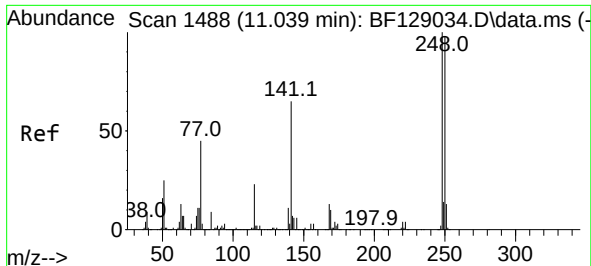
Tgt Ion:165 Resp: 76918
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion:188 Resp: 920879
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.6 7.6 11.4

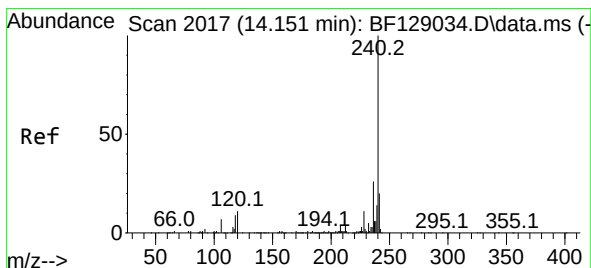
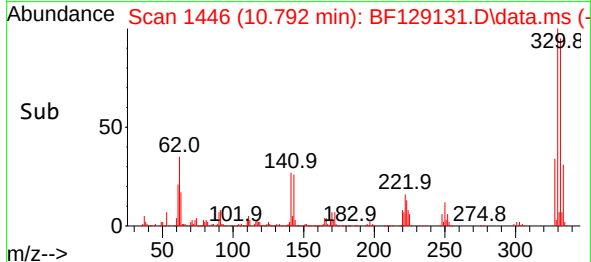
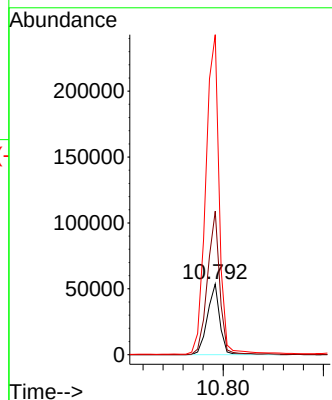
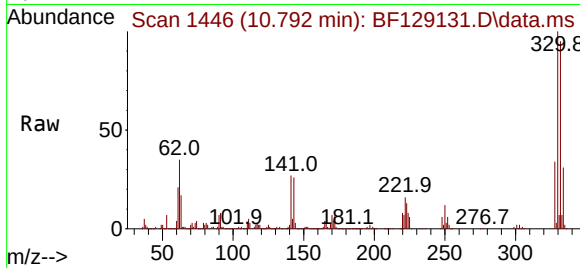




#67
4-Bromophenyl-phenylether
Concen: 4.731 ng
RT: 10.792 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

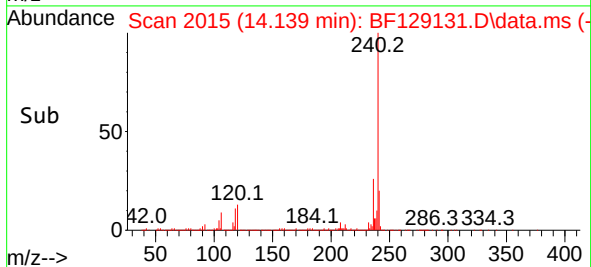
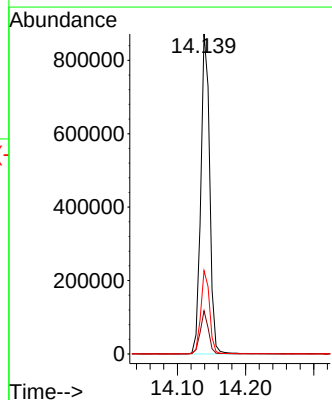
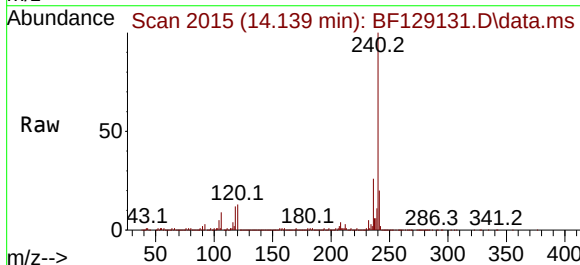
Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

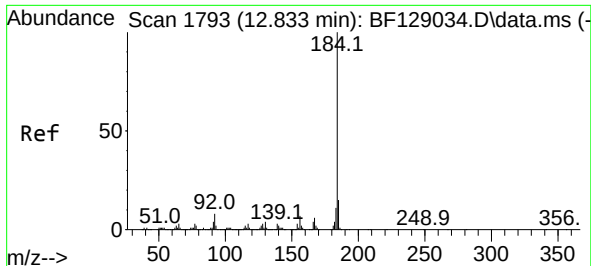
Tgt Ion:248 Resp: 46344
Ion Ratio Lower Upper
248 100
250 203.1 80.6 120.8#
141 452.5 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion:240 Resp: 788482
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 26.1 20.8 31.2

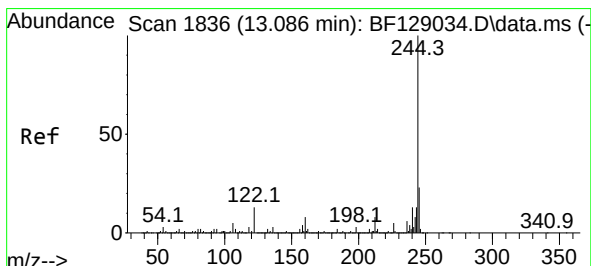
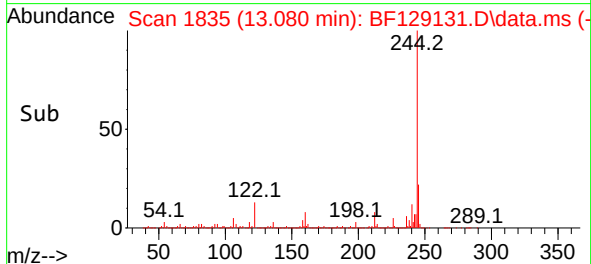
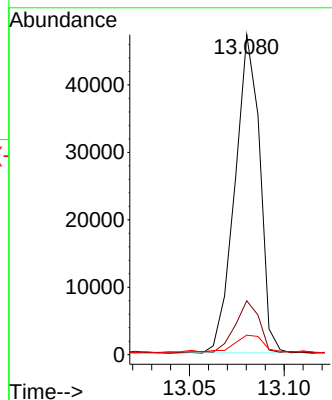
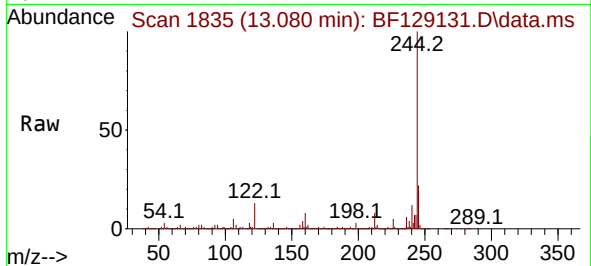




#77
Benzidine
Concen: 3.058 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

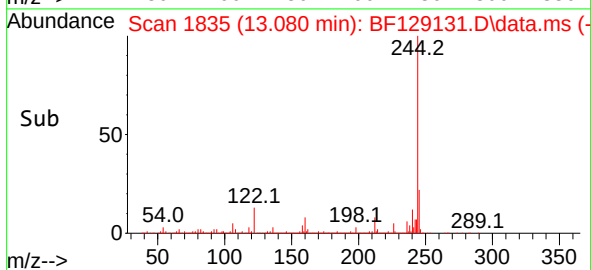
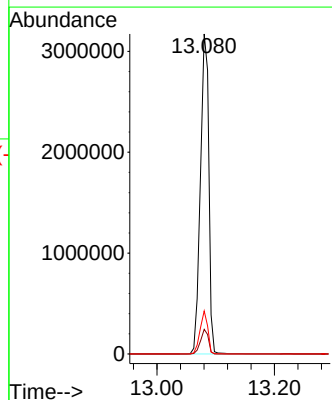
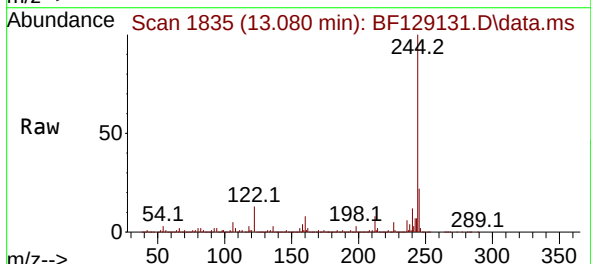
Instrument :
BNA_F
ClientSampleId :
WC-16-2-4

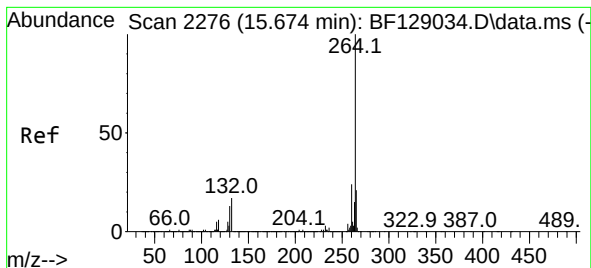
Tgt Ion:184 Resp: 42929
Ion Ratio Lower Upper
184 100
185 16.9 11.9 17.9
183 6.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 82.751 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129131.D
Acq: 05 Jul 2022 19:03

Tgt Ion:244 Resp: 3141991
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 13.5 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129131.D

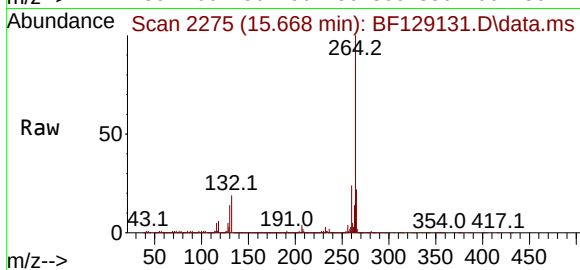
Acq: 05 Jul 2022 19:03

Instrument :

BNA_F

ClientSampleId :

WC-16-2-4



Tgt Ion:264 Resp: 793852

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.7 17.2 25.8

