

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126430.D
 Acq On : 30 Dec 2021 21:00
 Operator : JU/CG
 Sample : M5244-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-5E

Quant Time: Dec 31 00:38:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

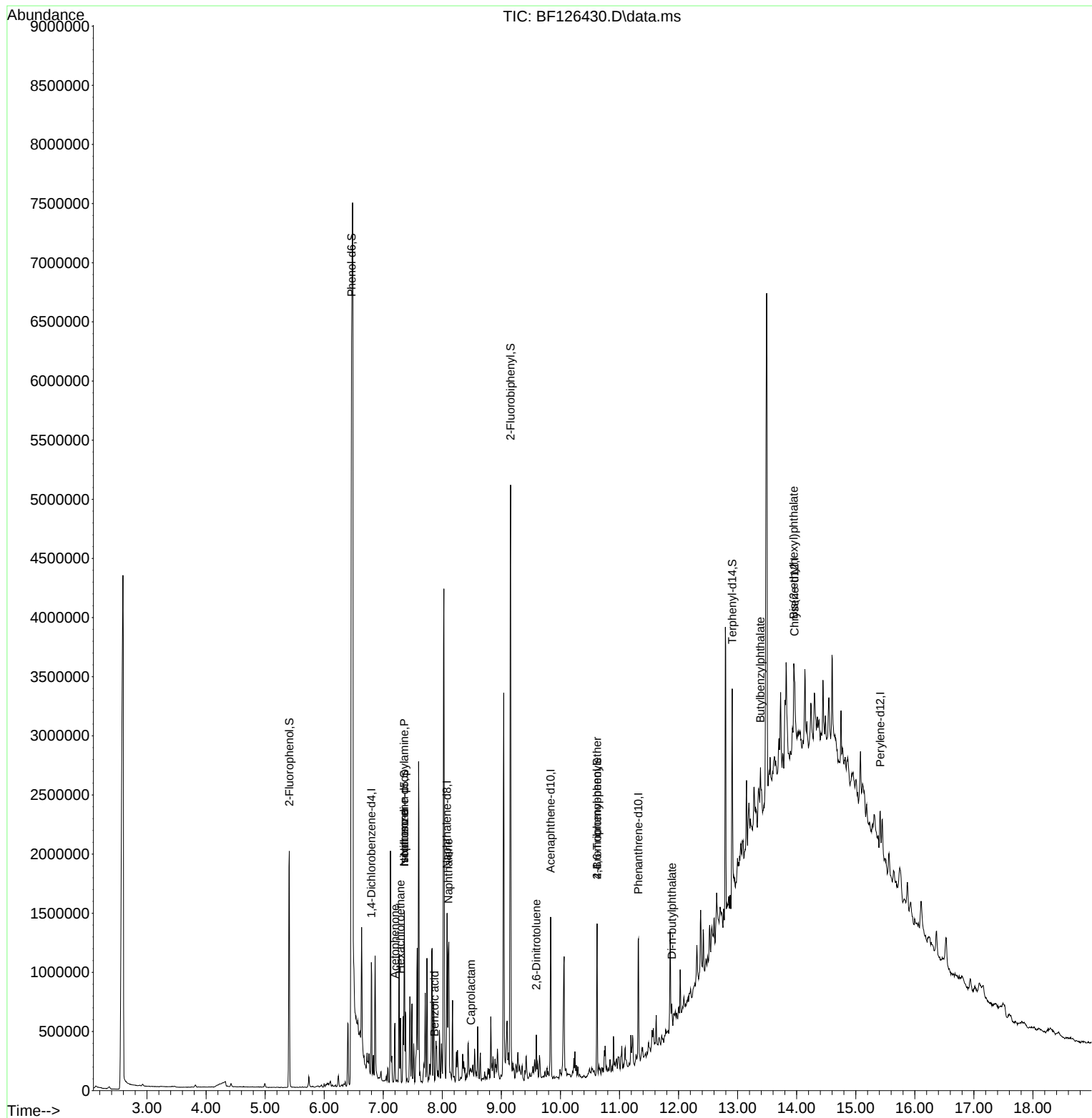
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136289	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	527018	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	252941	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	391020	20.000	ng	0.00
76) Chrysene-d12	13.962	240	257683	20.000	ng	0.00
86) Perylene-d12	15.415	264	208169	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	582204	61.346	ng	0.00
7) Phenol-d6	6.463	99	443488	36.079	ng	0.04
23) Nitrobenzene-d5	7.357	82	447308	43.580	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	134833	68.983	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	499424	34.745	ng	0.00
79) Terphenyl-d14	12.910	244	590666	44.536	ng	0.00
Target Compounds						
18) Hexachloroethane	7.292	117	12413	3.300	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	55812	7.957	ng	# 81
22) Acetophenone	7.198	105	188963	15.509	ng	# 54
25) Isophorone	7.357	82	444577	24.196	ng	# 69
31) Naphthalene	8.104	128	63533	2.554	ng	# 84
32) Benzoic acid	7.869	122	314	7.128	ng	# 76
35) Caprolactam	8.486	113	5120	3.096	ng	# 58
51) 2,6-Dinitrotoluene	9.592	165	22857	6.703	ng	# 32
67) 4-Bromophenyl-phenylether	10.622	248	7621	2.196	ng	# 1
74) Di-n-butylphthalate	11.886	149	72722	3.261	ng	99
77) Benzidine	12.645	184	863	Below Cal	#	1
80) Butylbenzylphthalate	13.386	149	88830	9.206	ng	96
84) Bis(2-ethylhexyl)phtha...	13.951	149	228311	22.830	ng	98

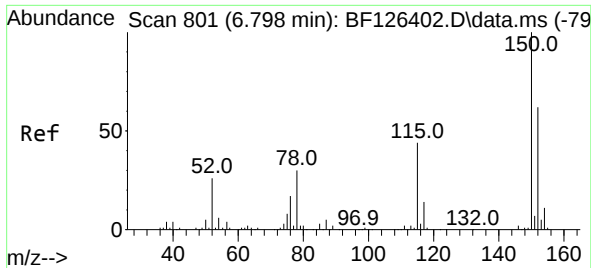
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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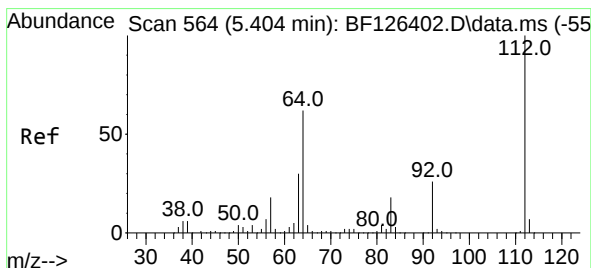
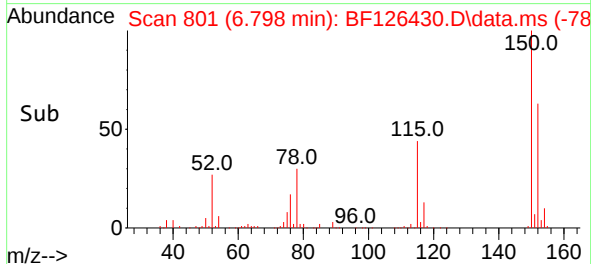
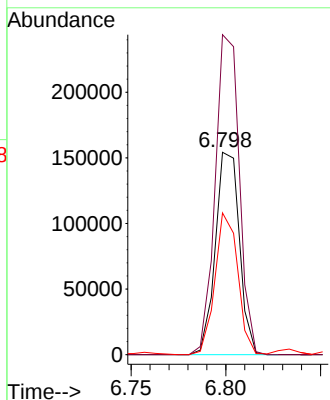
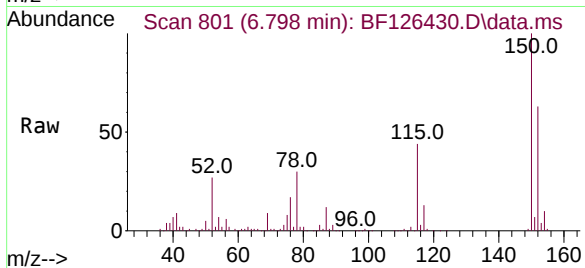




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

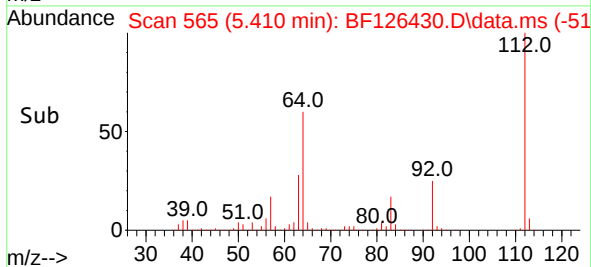
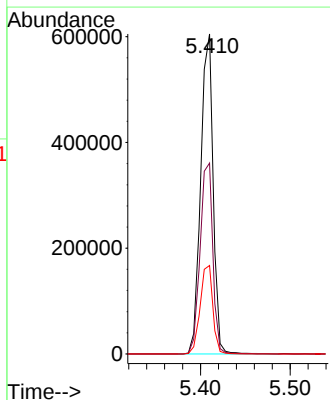
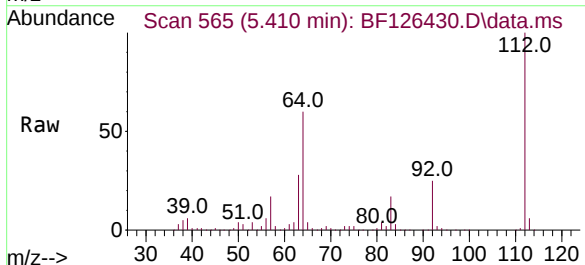
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BNA_F
ClientSampleId :
CONC-5E

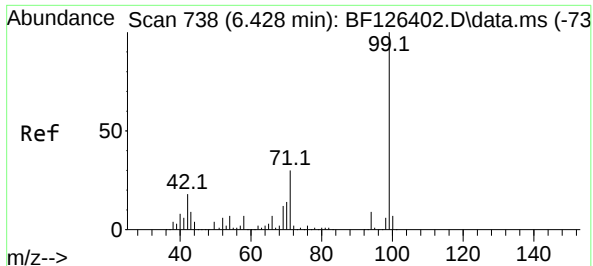
Tgt Ion:152 Resp: 136289
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 70.0 56.7 85.1



#5
2-Fluorophenol
Concen: 61.346 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion:112 Resp: 582204
Ion Ratio Lower Upper
112 100
64 59.7 49.5 74.3
63 27.7 23.9 35.9

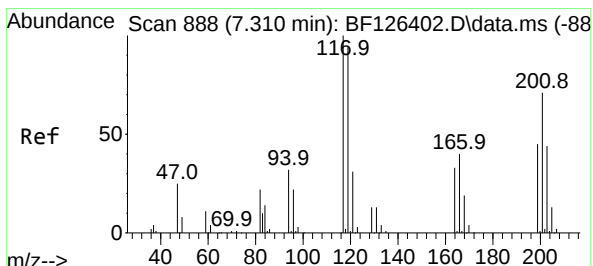
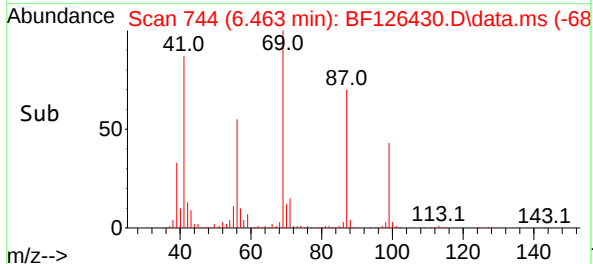
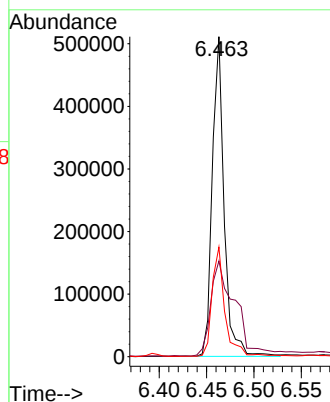
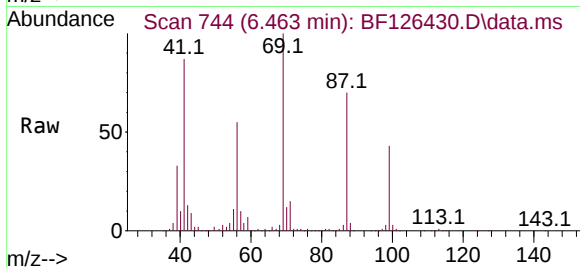




#7
Phenol-d6
Concen: 36.079 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.035 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

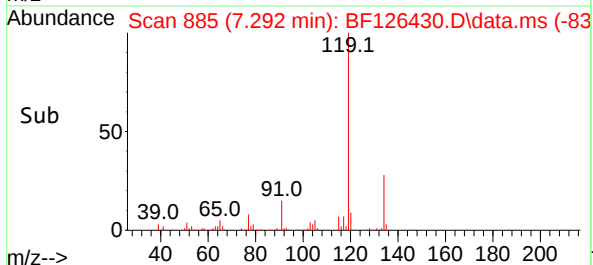
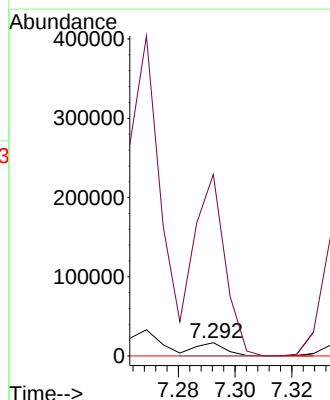
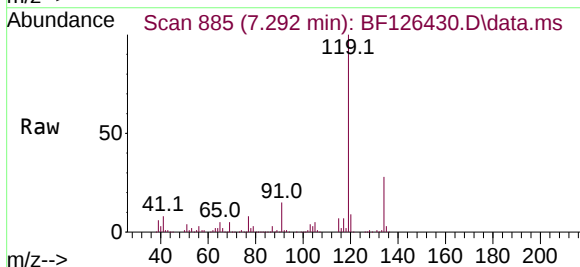
Instrument :
BNA_F
ClientSampleId :
CONC-5E

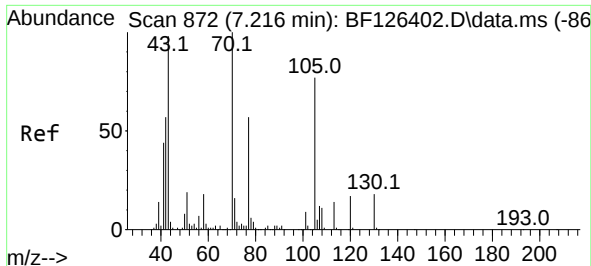
Tgt Ion: 99 Resp: 443488
Ion Ratio Lower Upper
99 100
42 29.9 14.2 21.4#
71 34.2 24.3 36.5



#18
Hexachloroethane
Concen: 3.300 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion: 117 Resp: 12413
Ion Ratio Lower Upper
117 100
119 1358.7 75.4 113.0#
201 0.0 56.8 85.2#

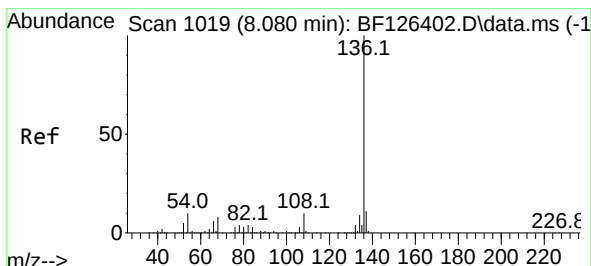
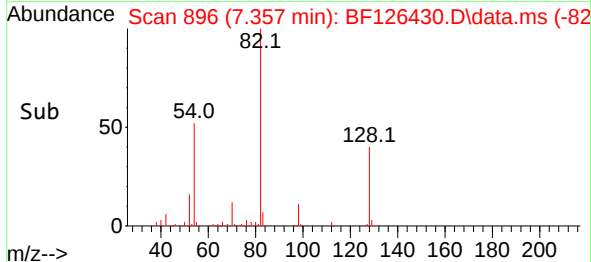
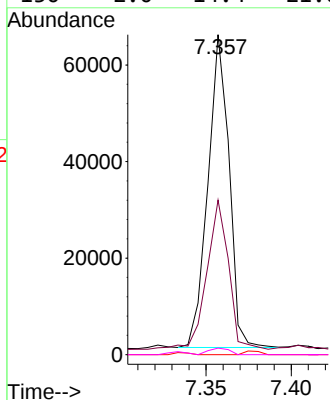
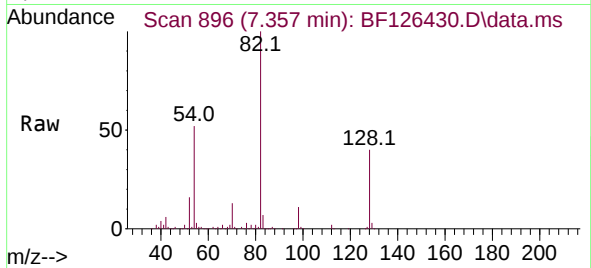




#19
n-Nitroso-di-n-propylamine
Concen: 7.957 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

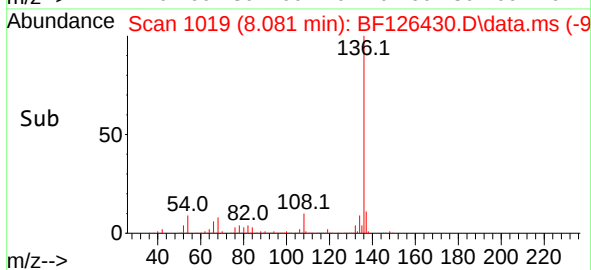
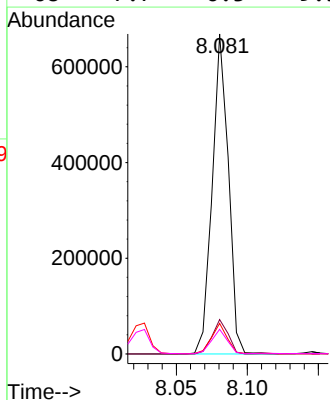
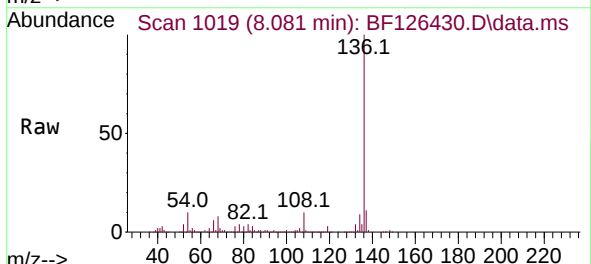
Instrument :
BNA_F
ClientSampleId :
CONC-5E

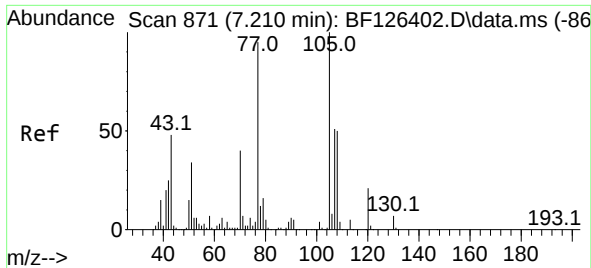
Tgt Ion:	70	Resp:	55812
Ion	Ratio	Lower	Upper
70	100		
42	48.3	45.8	68.8
101	0.0	6.9	10.3#
130	2.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

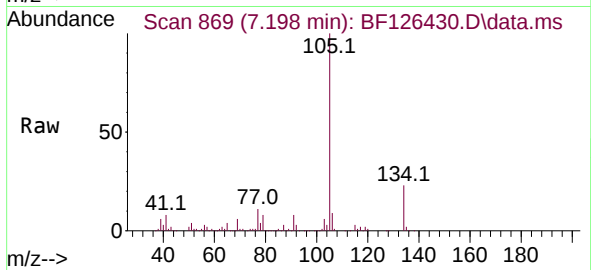
Tgt Ion:	136	Resp:	527018
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.6	7.8	11.6
68	7.7	6.3	9.5



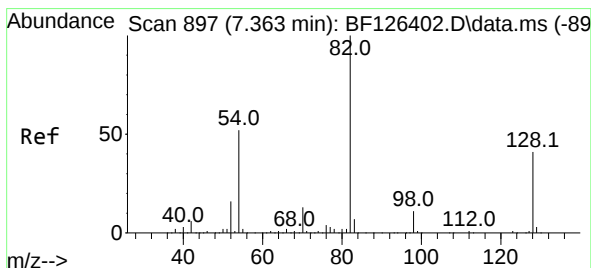
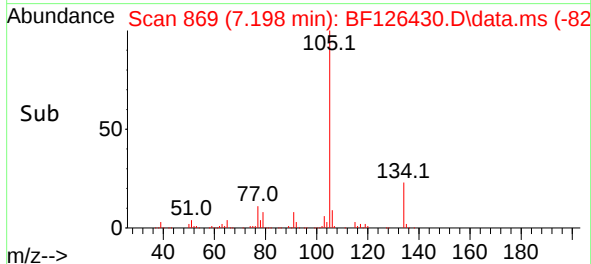
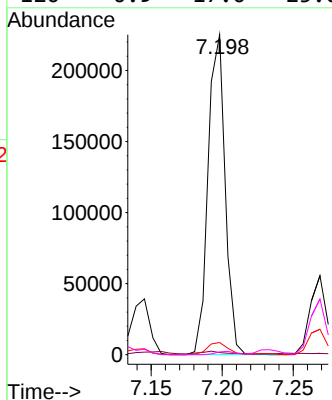


#22
Acetophenone
Concen: 15.509 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Instrument :
BNA_F
ClientSampleId :
CONC-5E

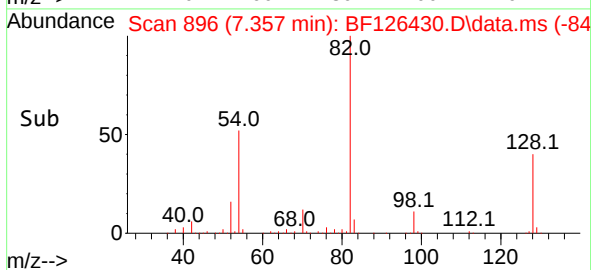
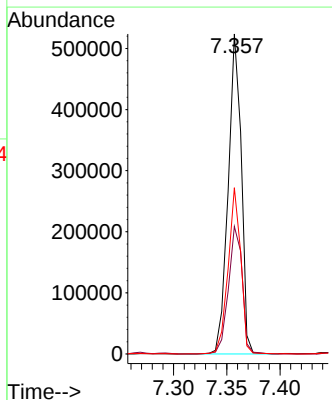
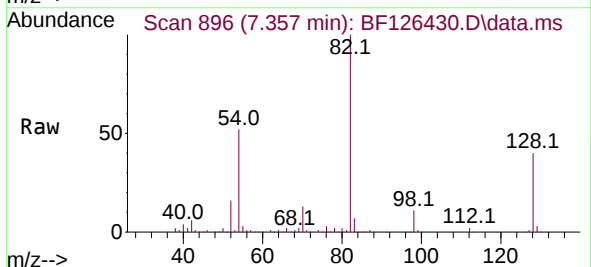


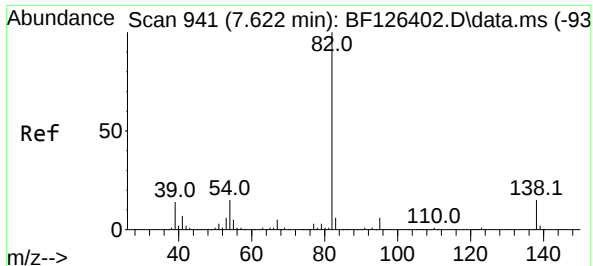
Tgt Ion:105 Resp: 188963
Ion Ratio Lower Upper
105 100
71 0.7 5.4 8.0#
51 3.8 27.4 41.0#
120 0.9 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 43.580 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion: 82 Resp: 447308
Ion Ratio Lower Upper
82 100
128 39.9 32.7 49.1
54 51.9 41.7 62.5

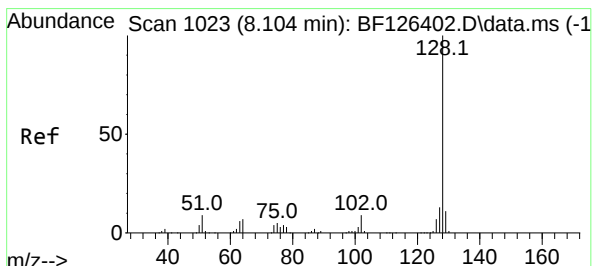
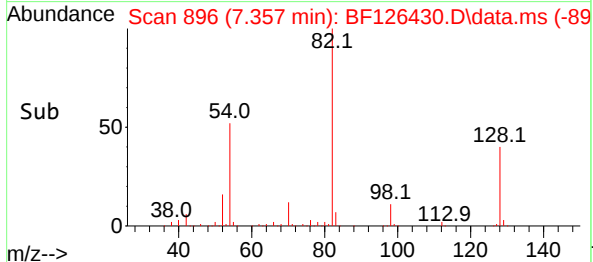
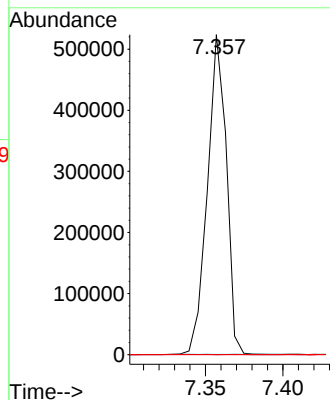
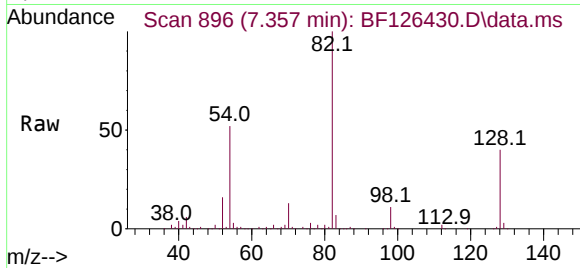




#25
Isophorone
Concen: 24.196 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

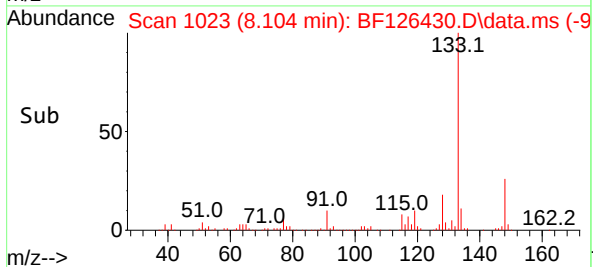
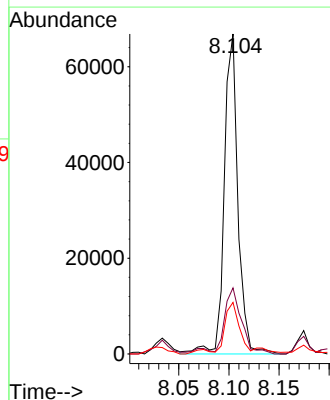
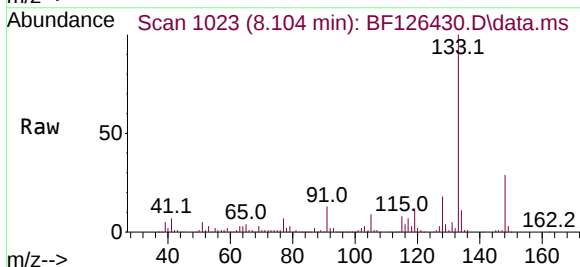
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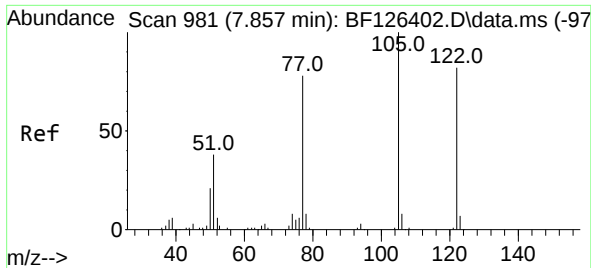
Tgt Ion: 82 Resp: 444577
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 2.554 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion: 128 Resp: 63533
Ion Ratio Lower Upper
128 100
129 20.7 8.6 13.0#
127 16.1 10.3 15.5#

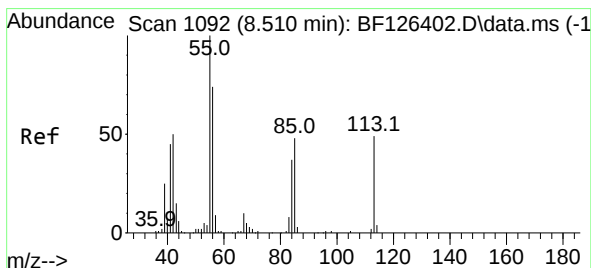
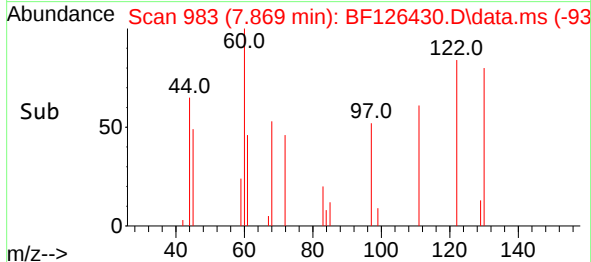
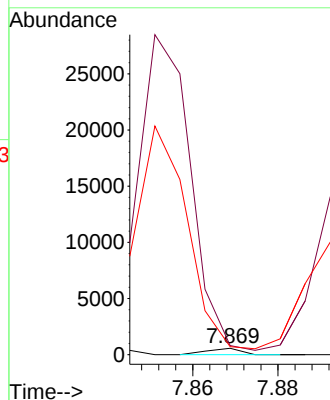
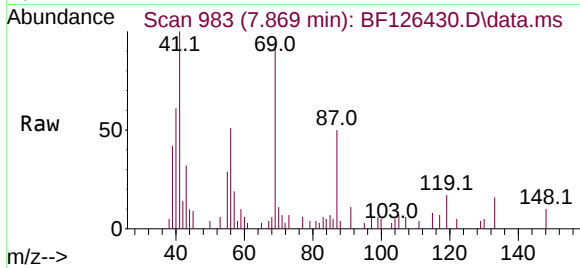




#32
Benzoic acid
Concen: 7.128 ng
RT: 7.869 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

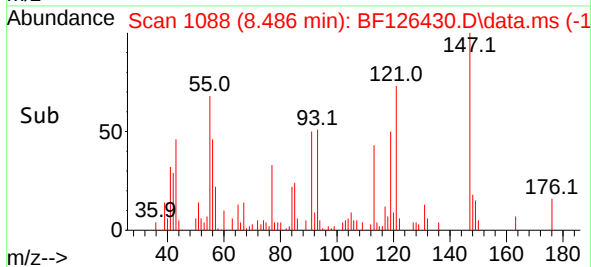
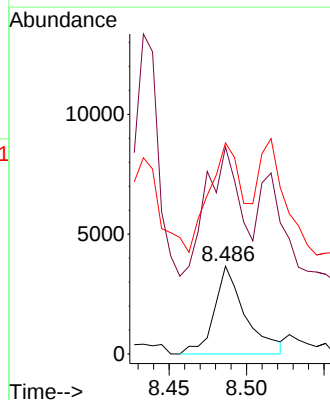
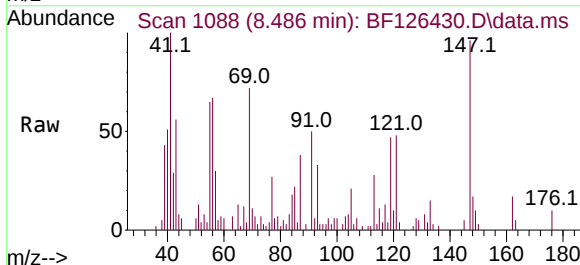
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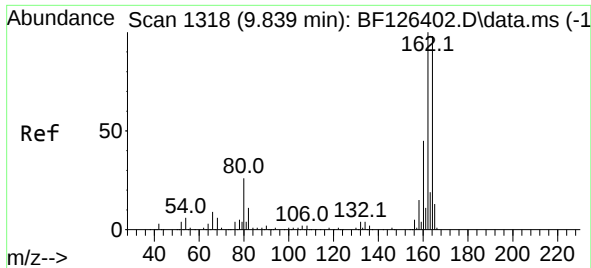
Tgt Ion:122 Resp: 314
Ion Ratio Lower Upper
122 100
105 142.8 101.0 141.0#
77 124.0 74.5 114.5#



#35
Caprolactam
Concen: 3.096 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.024 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion:113 Resp: 5120
Ion Ratio Lower Upper
113 100
55 235.6 183.9 223.9#
56 240.2 129.9 169.9#

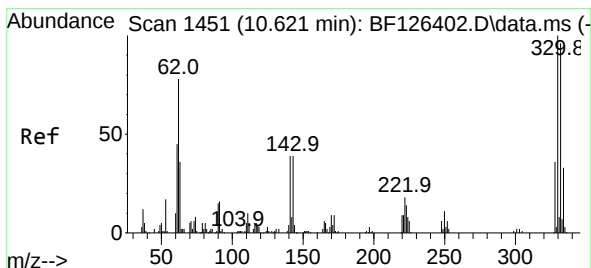
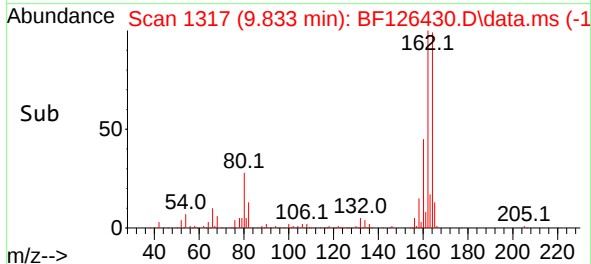
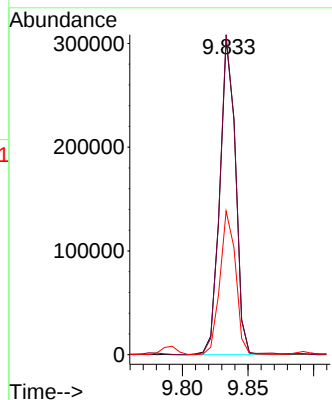
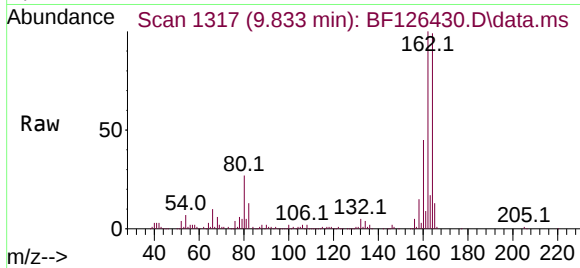




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

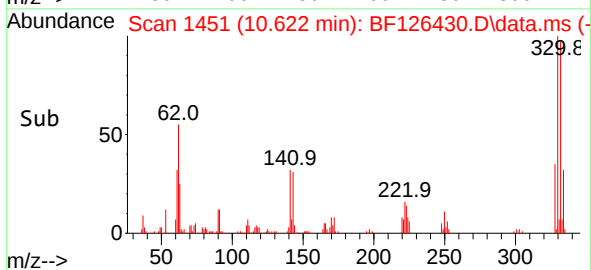
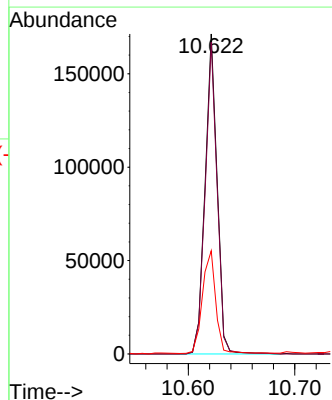
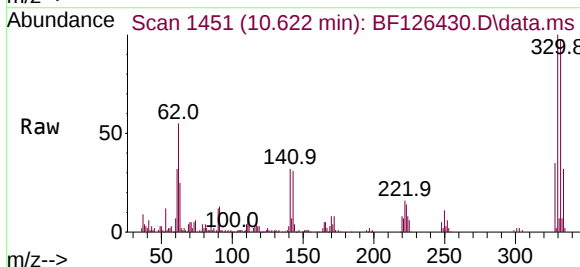
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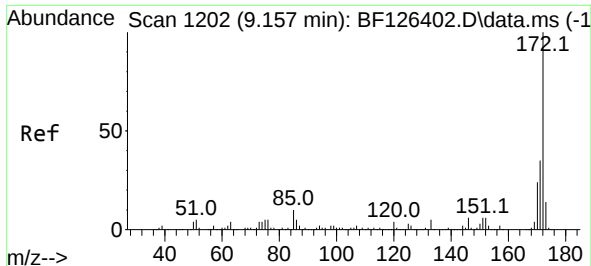
Tgt Ion:164 Resp: 252941
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 45.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 68.983 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion:330 Resp: 134833
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 35.5 30.1 45.1

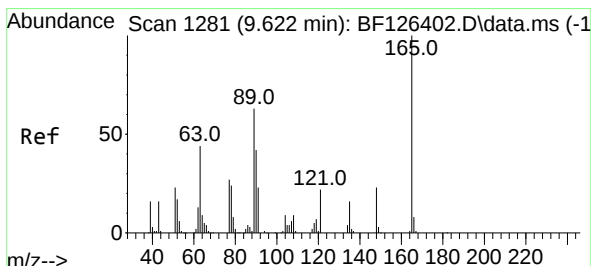
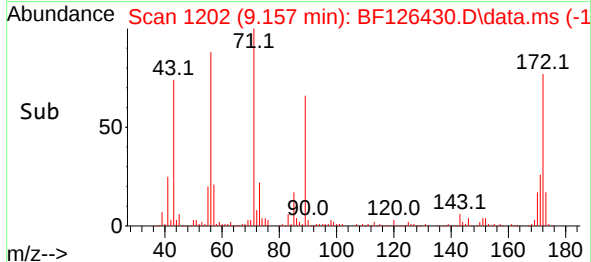
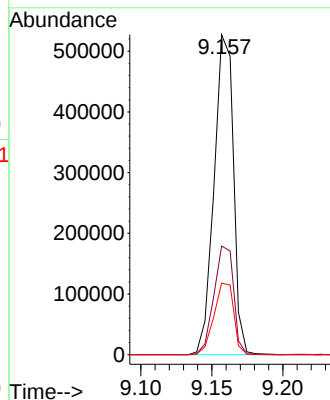
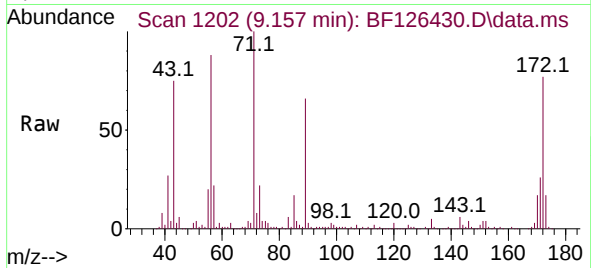




#45
2-Fluorobiphenyl
Concen: 34.745 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

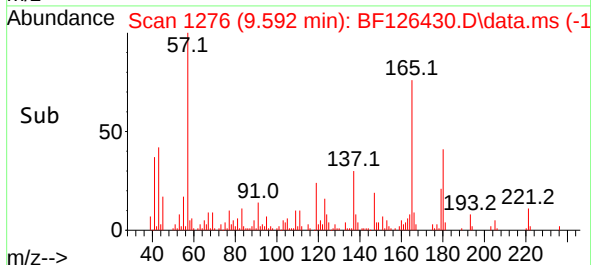
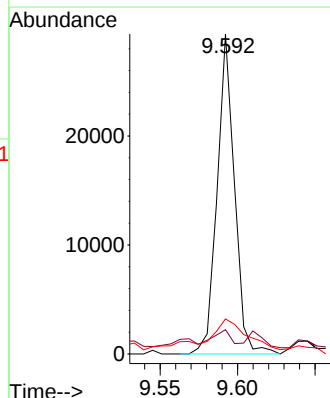
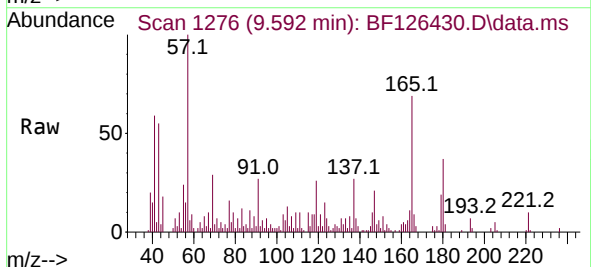
Instrument :
BNA_F
ClientSampleId :
CONC-5E

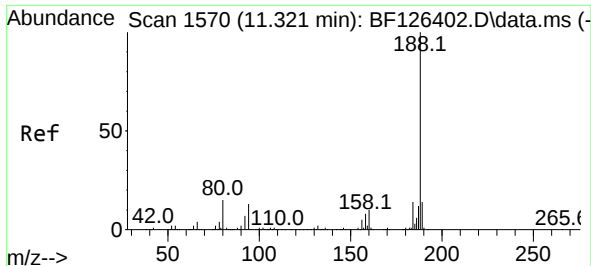
Tgt Ion:172 Resp: 499424
Ion Ratio Lower Upper
172 100
171 33.9 28.3 42.5
170 22.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 6.703 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.029 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion:165 Resp: 22857
Ion Ratio Lower Upper
165 100
63 7.6 48.4 72.6#
89 11.0 50.5 75.7#

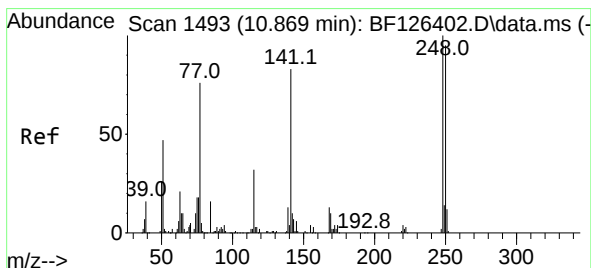
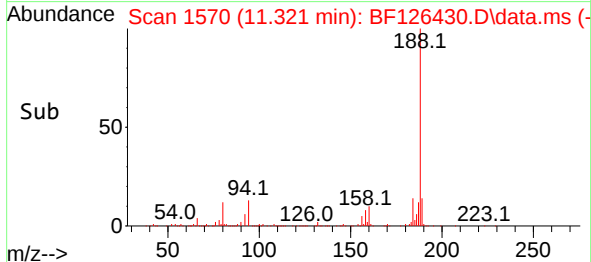
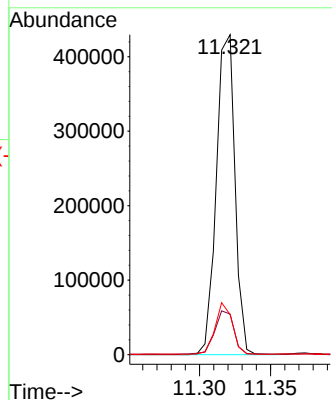
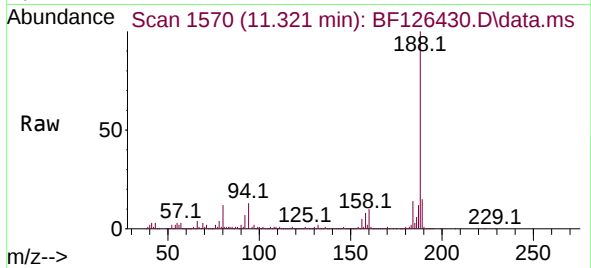




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

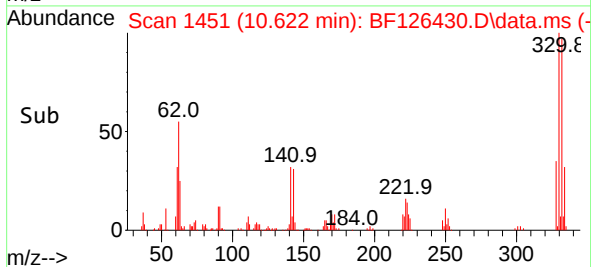
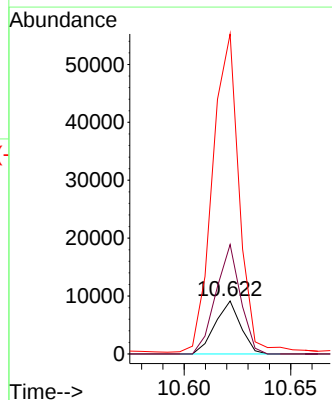
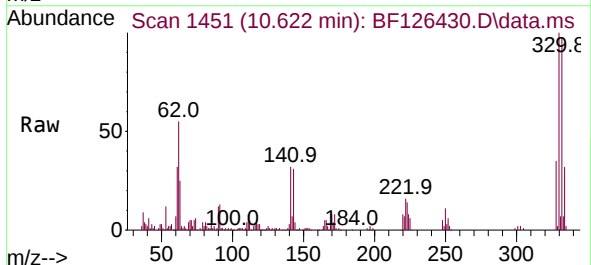
Instrument :
BNA_F
ClientSampleId :
CONC-5E

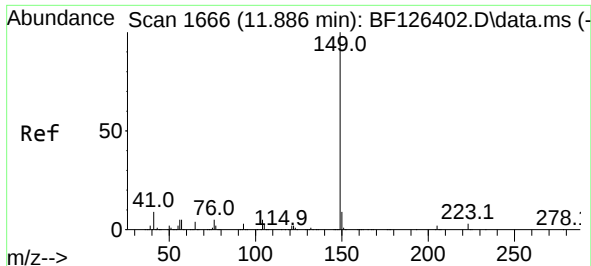
Tgt Ion:188 Resp: 391020
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 12.5 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.196 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion:248 Resp: 7621
Ion Ratio Lower Upper
248 100
250 206.4 76.2 114.4#
141 603.6 66.2 99.4#

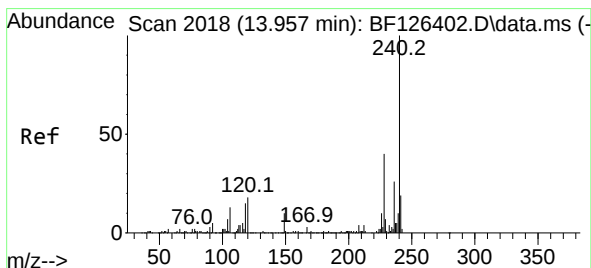
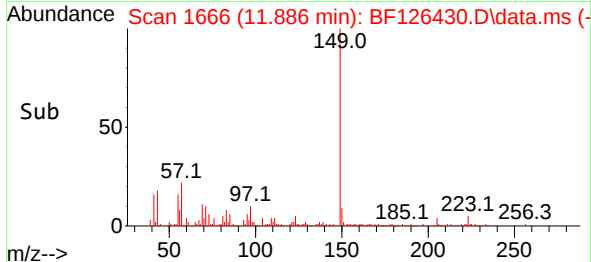
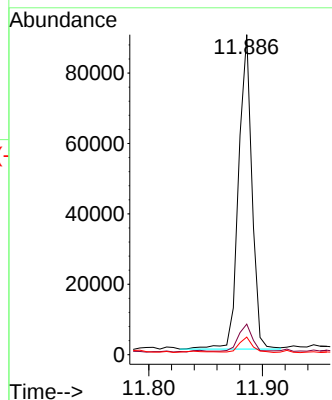
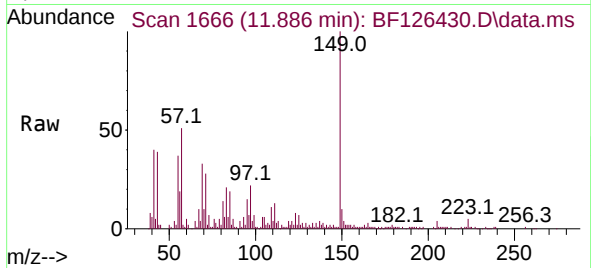




#74
Di-n-butylphthalate
Concen: 3.261 ng
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

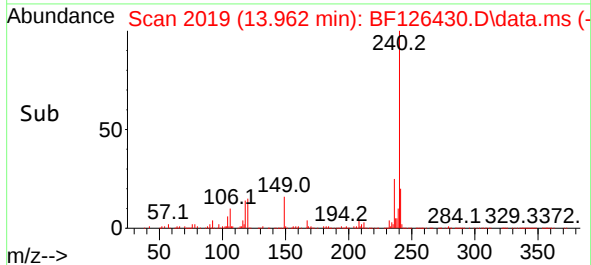
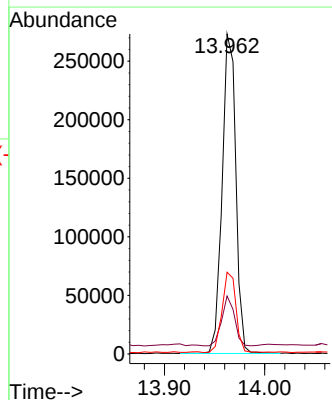
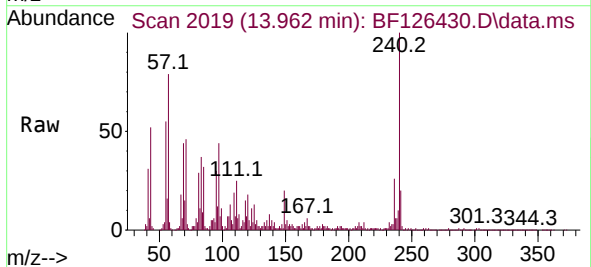
Instrument :
BNA_F
ClientSampleId :
CONC-5E

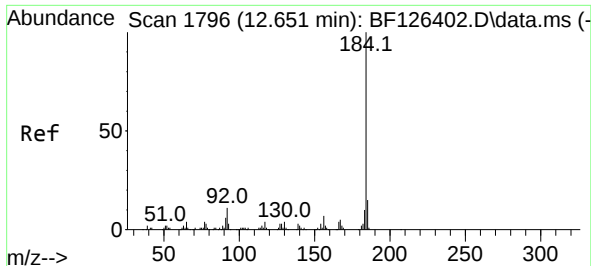
Tgt Ion:149 Resp: 72722
Ion Ratio Lower Upper
149 100
150 9.6 7.2 10.8
104 5.5 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion:240 Resp: 257683
Ion Ratio Lower Upper
240 100
120 18.1 14.4 21.6
236 25.6 20.5 30.7

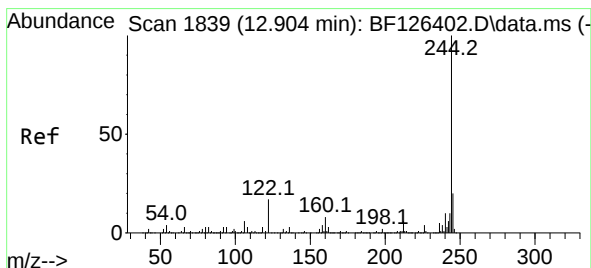
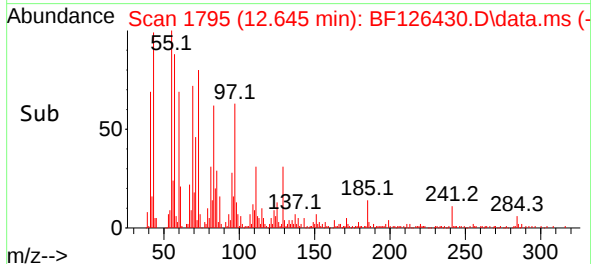
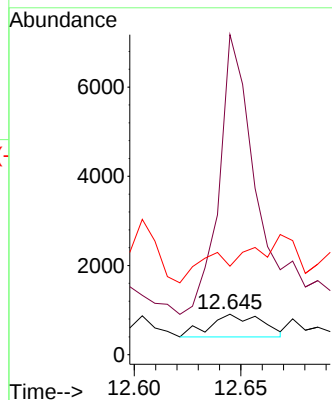
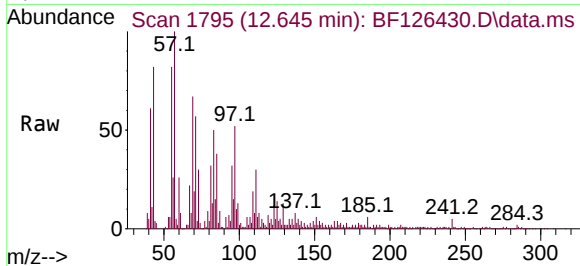




#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

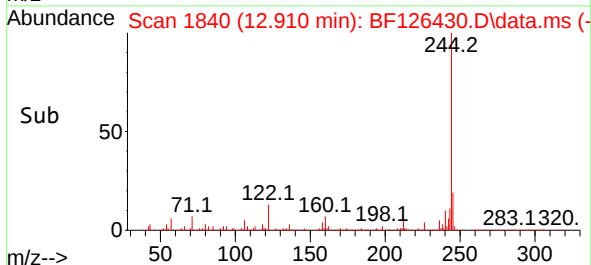
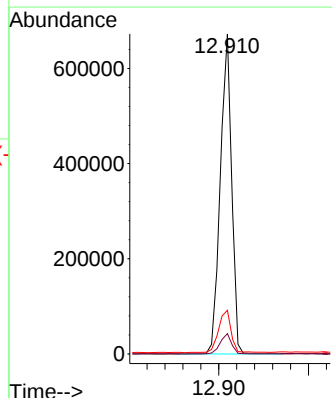
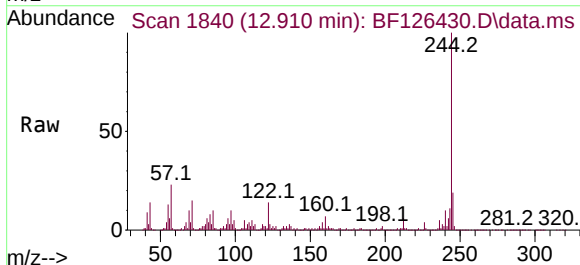
Instrument :
BNA_F
ClientSampleId :
CONC-5E

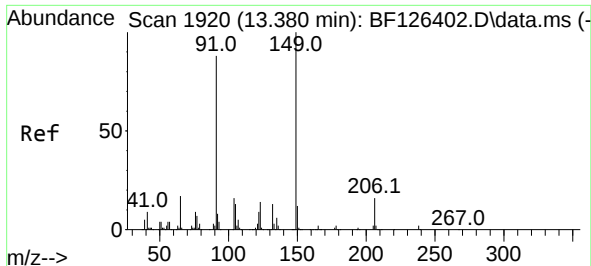
Tgt Ion:184 Resp: 863
Ion Ratio Lower Upper
184 100
185 789.4 11.8 17.8#
183 218.3 8.2 12.2#



#79
Terphenyl-d14
Concen: 44.536 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Tgt Ion:244 Resp: 590666
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 13.6 13.3 19.9

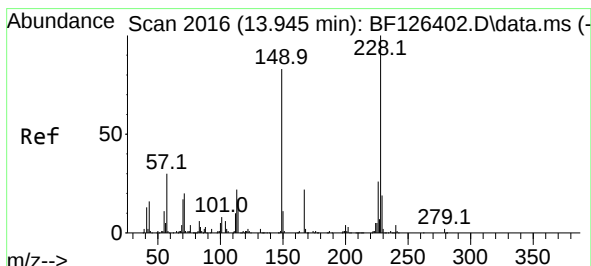
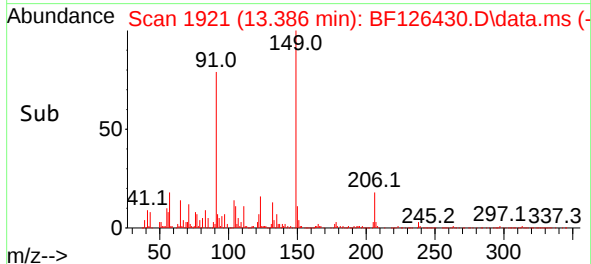
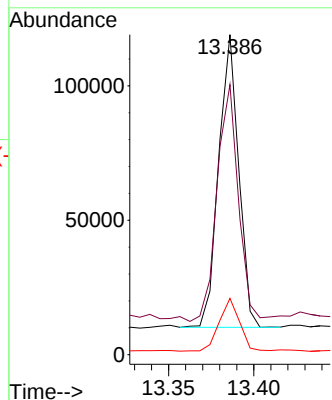
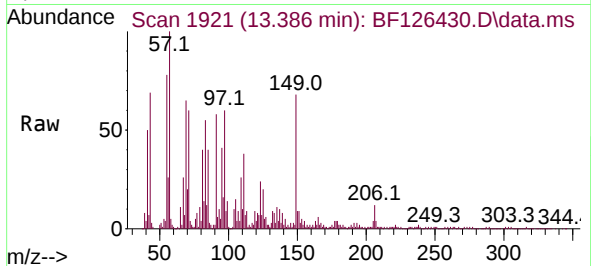




#80
Butylbenzylphthalate
Concen: 9.206 ng
RT: 13.386 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

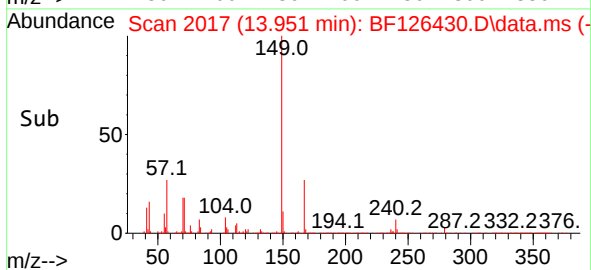
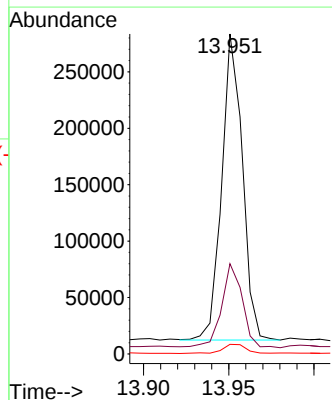
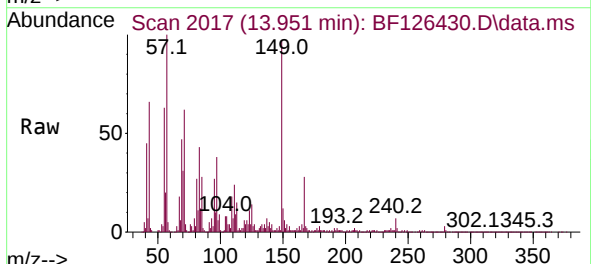
Instrument :
BNA_F
ClientSampleId :
CONC-5E

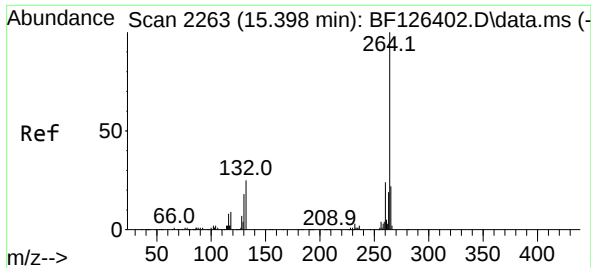
Tgt Ion:149 Resp: 88830
Ion Ratio Lower Upper
149 100
91 84.4 70.5 105.7
206 17.6 12.6 19.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 22.830 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

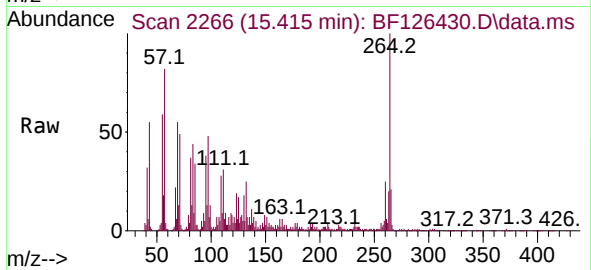
Tgt Ion:149 Resp: 228311
Ion Ratio Lower Upper
149 100
167 28.2 21.4 32.2
279 3.0 2.4 3.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF126430.D
Acq: 30 Dec 2021 21:00

Instrument :
BNA_F
ClientSampleId :
CONC-5E



Tgt Ion:264 Resp: 208169

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	17.4	26.2

