

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123729.D
 Acq On : 24 Apr 2021 21:30
 Operator : JU/CG
 Sample : M2152-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Quant Time: Apr 26 03:01:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

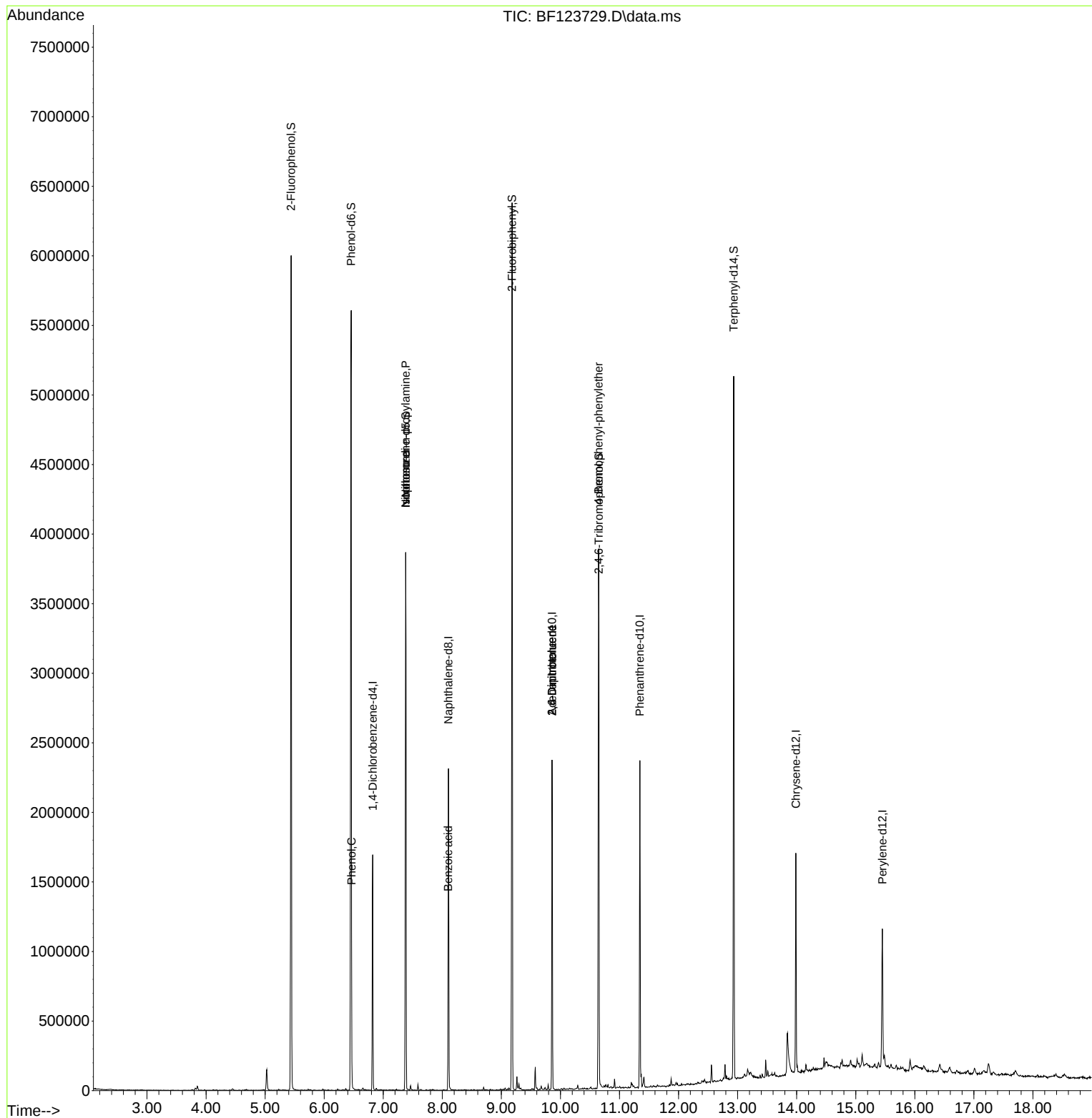
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	218475	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	826204	20.00	ng	#-0.02
39) Acenaphthene-d10	9.857	164	416247	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	771352	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	481029	20.00	ng	-0.04
86) Perylene-d12	15.451	264	445180	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1279463	94.65	ng	-0.02
7) Phenol-d6	6.457	99	1672401	89.28	ng	-0.02
23) Nitrobenzene-d5	7.381	82	1190629	66.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	446933	94.82	ng	-0.02
45) 2-Fluorobiphenyl	9.180	172	1660830	59.48	ng	-0.02
79) Terphenyl-d14	12.933	244	1483971	59.96	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.463	94	40022	2.01	ng	# 78
19) n-Nitroso-di-n-propyla...	7.381	70	159545	12.86	ng	# 76
25) Isophorone	7.381	82	1190617	34.15	ng	# 69
32) Benzoic acid	8.098	122	116	4.56	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	53668	8.50	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	53668	6.37	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	26614	3.30	ng	# 1
89) Benzo(k)fluoranthene	15.027	252	28026	Below Cal		# 80
92) Benzo(g,h,i)perylene	17.333	276	11229	Below Cal		# 82

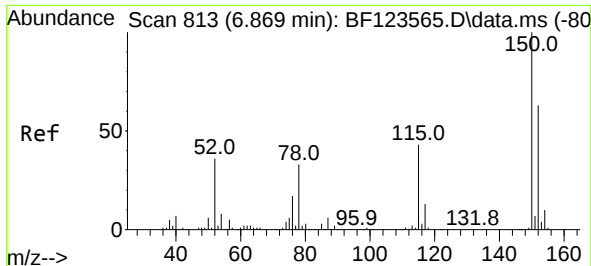
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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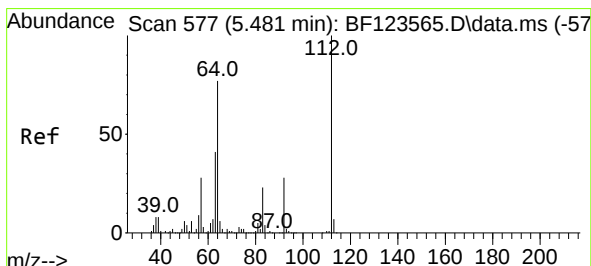
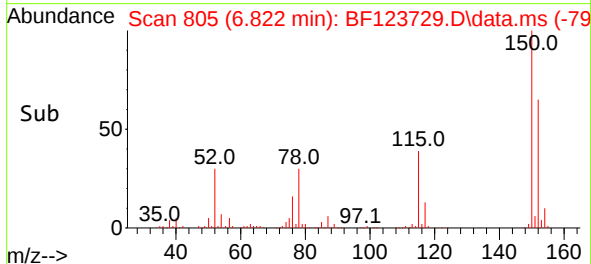
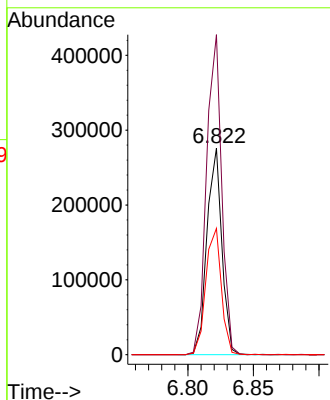
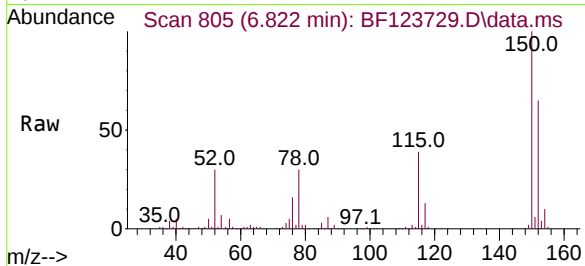




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

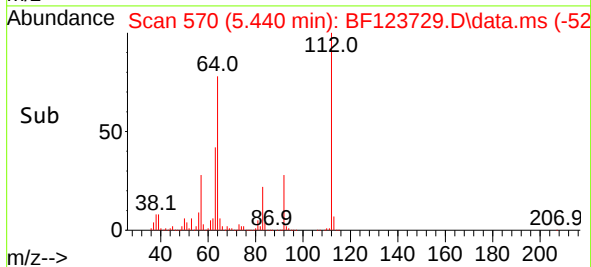
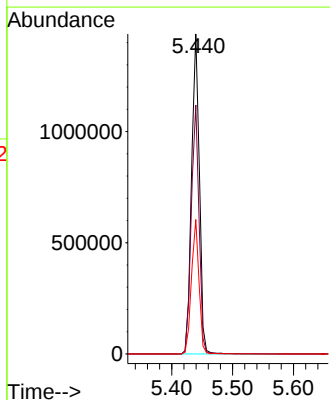
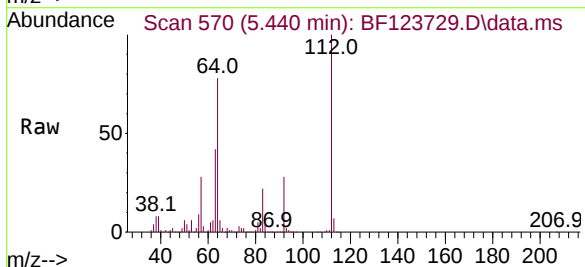
Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

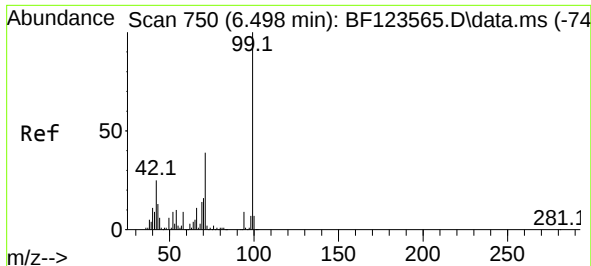
Tgt Ion:152 Resp: 218475
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.6
115 61.1 54.3 81.5



#5
2-Fluorophenol
Concen: 94.65 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion:112 Resp: 1279463
Ion Ratio Lower Upper
112 100
64 77.8 61.4 92.0
63 42.0 33.0 49.4



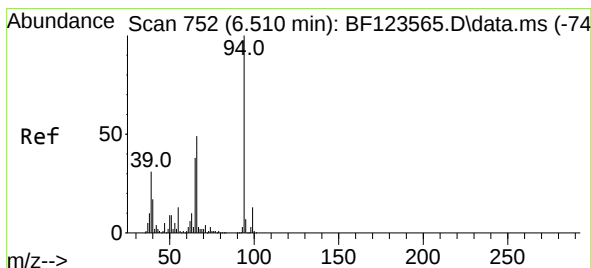
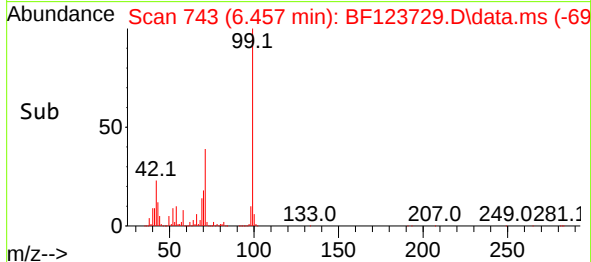
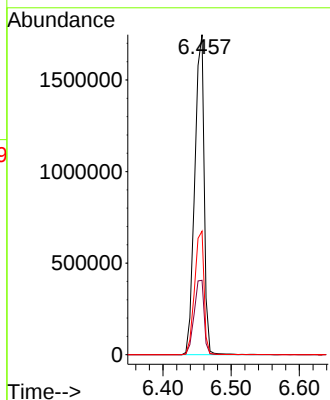
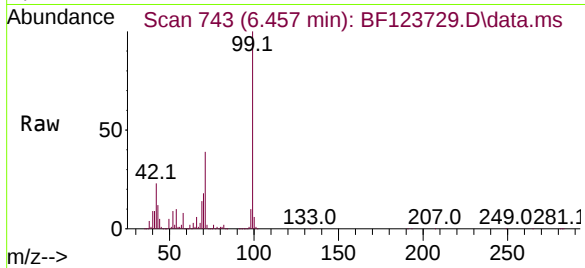


#7
Phenol-d6
Concen: 89.28 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

Tgt Ion: 99 Resp: 1672401

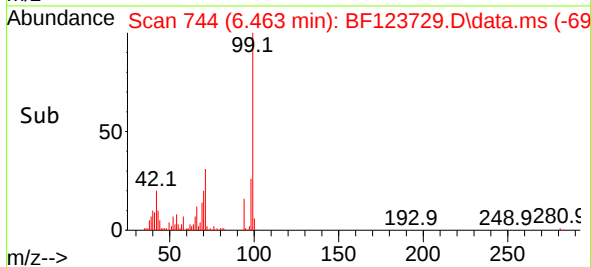
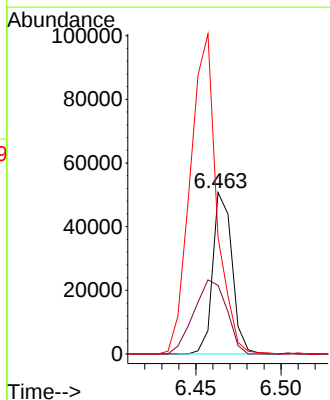
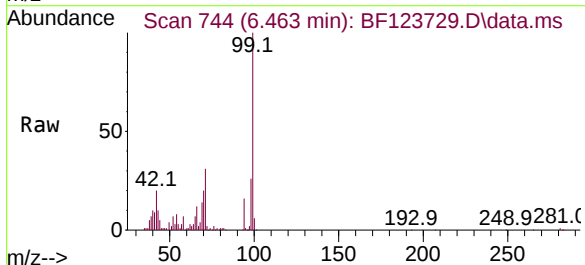
Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.8	29.8
71	38.6	31.1	46.7

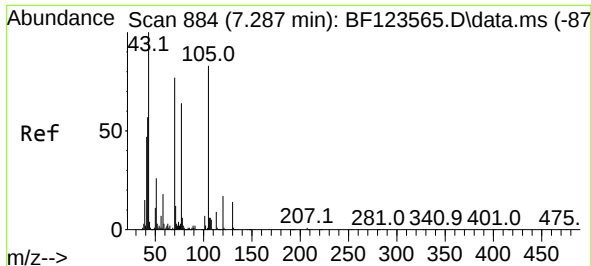


#10
Phenol
Concen: 2.01 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.029 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion: 94 Resp: 40022

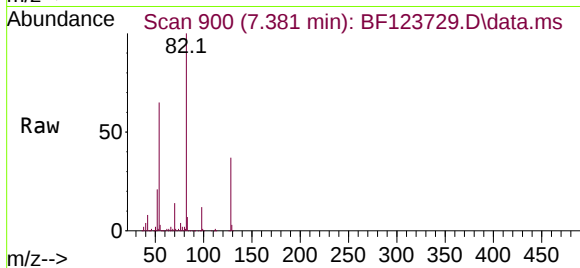
Ion	Ratio	Lower	Upper
94	100		
65	42.5	18.1	58.1
66	72.3	29.0	69.0



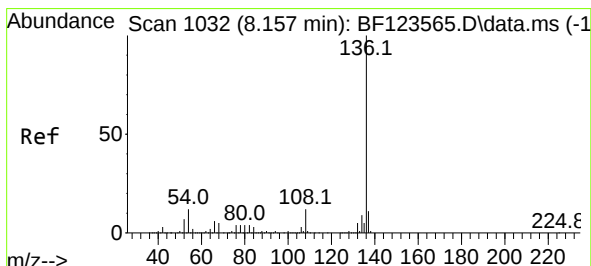
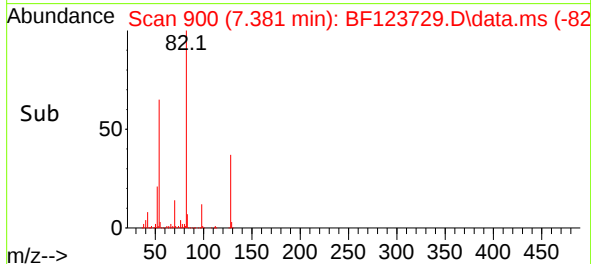
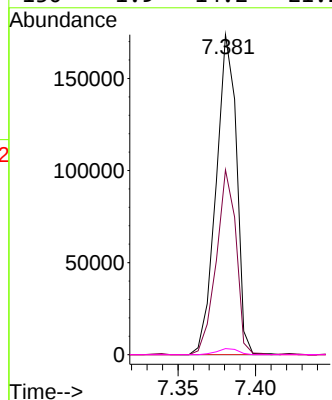


#19
n-Nitroso-di-n-propylamine
Concen: 12.86 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.124 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

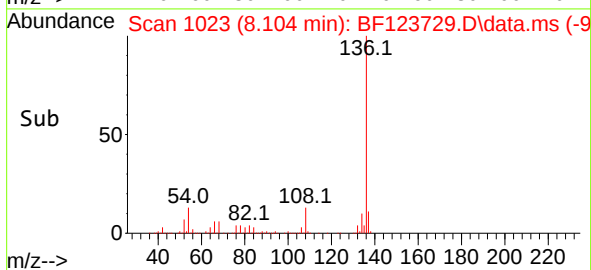
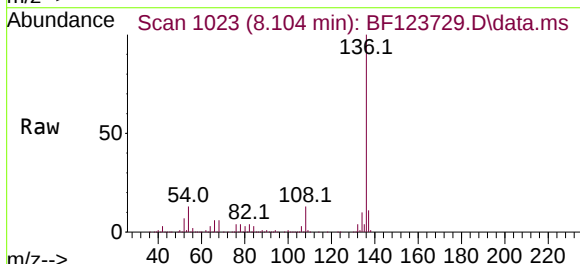
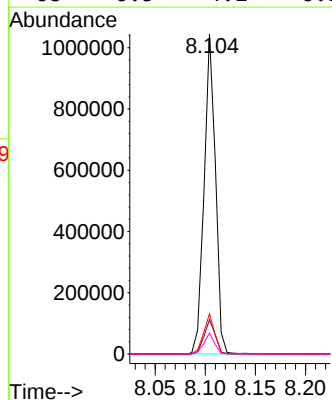


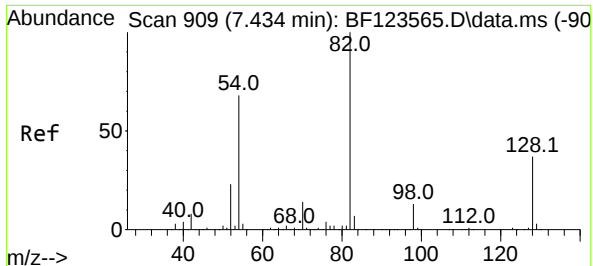
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.8	60.1	90.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.6	9.8	14.6
68	6.5	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 66.25 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.024 min

Lab File: BF123729.D

Acq: 24 Apr 2021 21:30

Tgt Ion: 82 Resp: 1190629

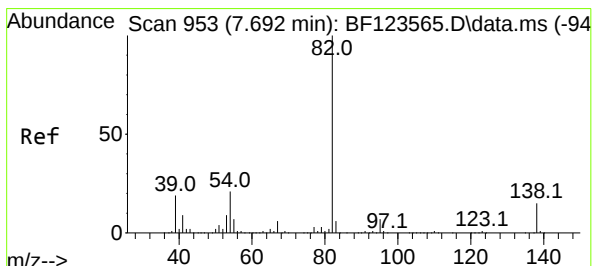
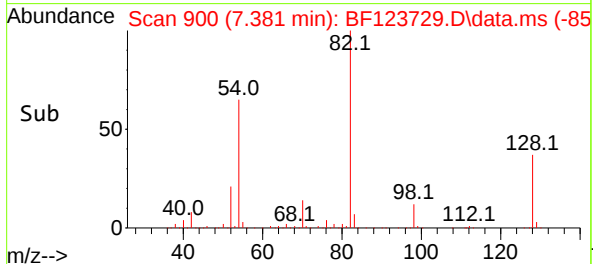
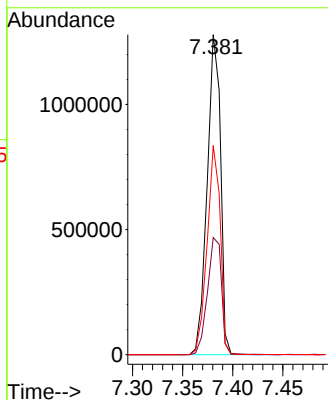
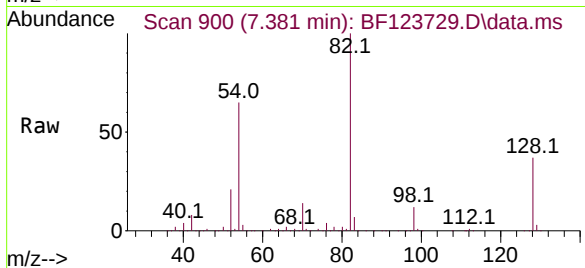
Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.4	44.2
54	65.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

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#25

Isophorone

Concen: 34.15 ng

RT: 7.381 min Scan# 900

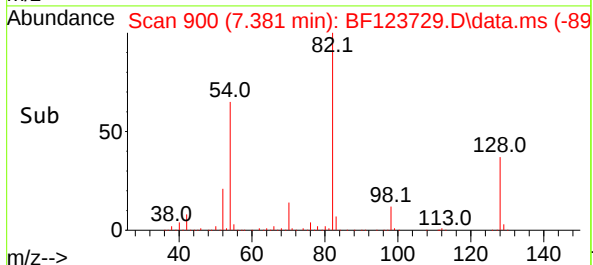
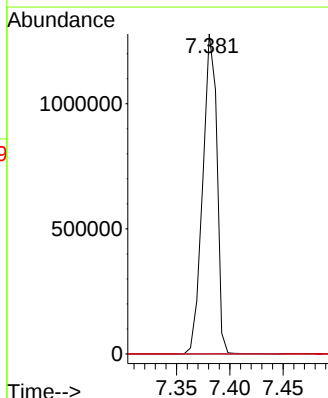
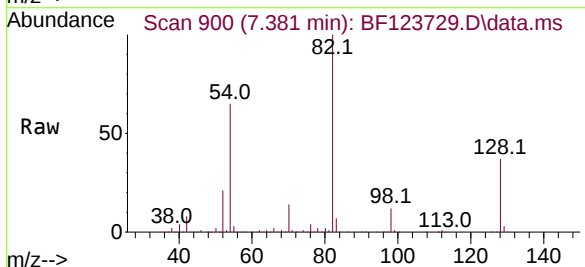
Delta R.T. -0.282 min

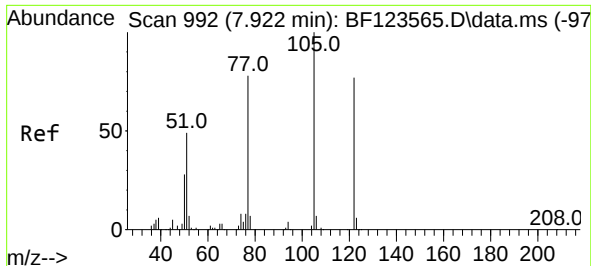
Lab File: BF123729.D

Acq: 24 Apr 2021 21:30

Tgt Ion: 82 Resp: 1190617

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

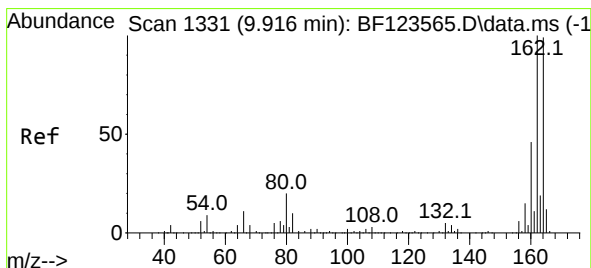
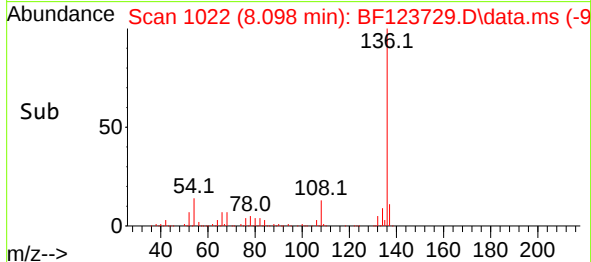
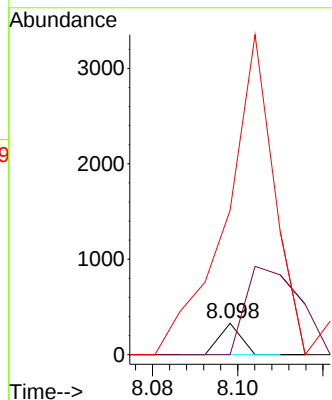
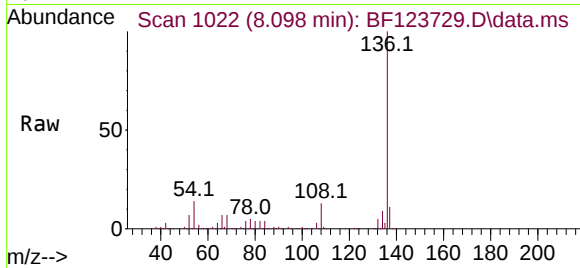




#32
Benzoic acid
Concen: 4.56 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.200 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

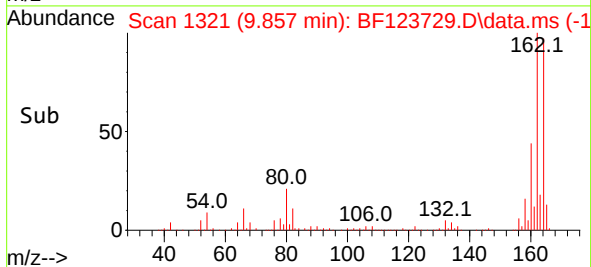
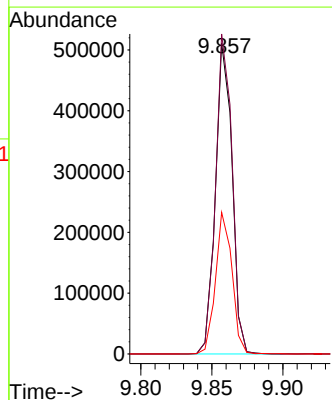
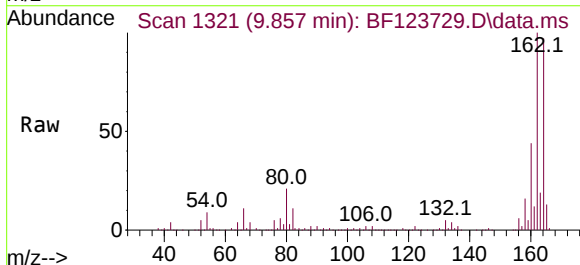
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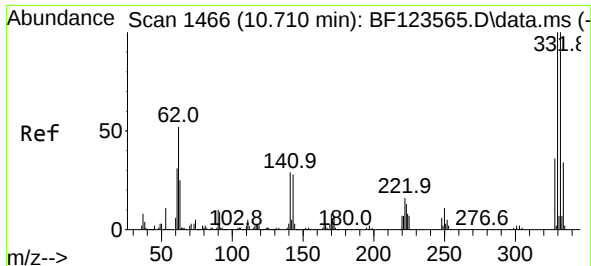
Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 460.2 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion:164 Resp: 416247
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 45.5 37.3 55.9

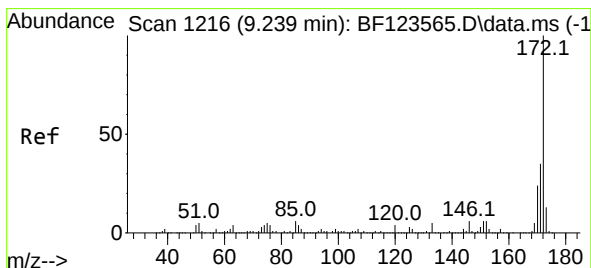
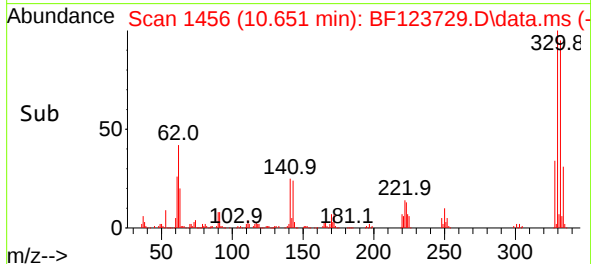
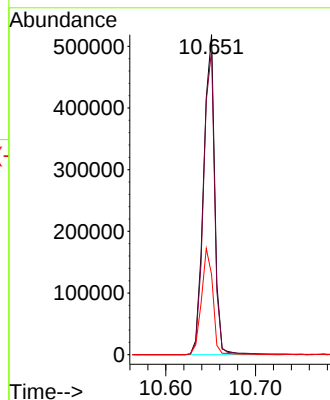
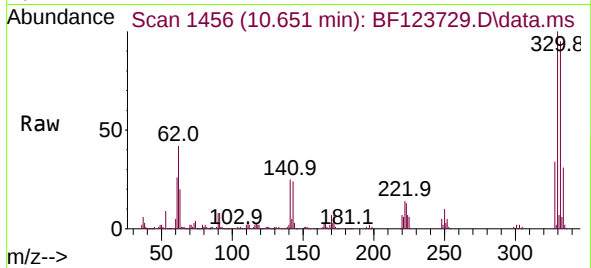




#42
2,4,6-Tribromophenol
Concen: 94.82 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

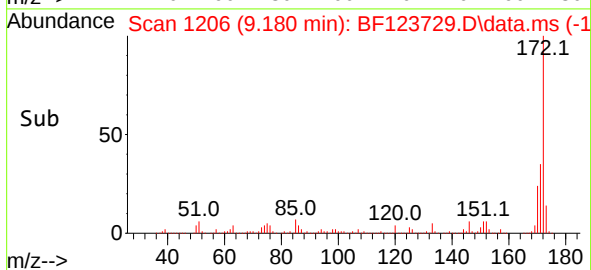
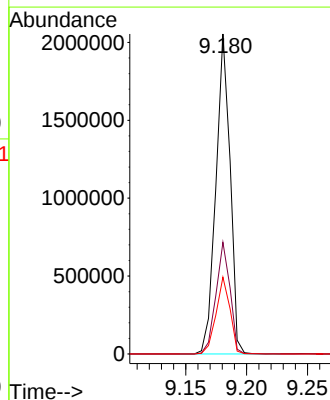
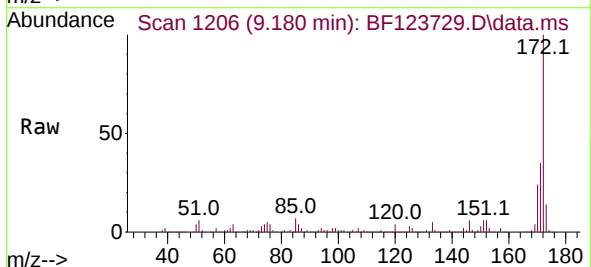
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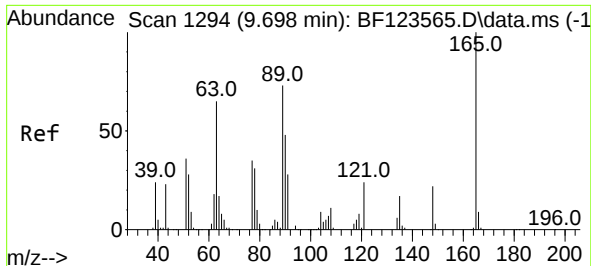
Tgt Ion: 330 Resp: 446933
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 33.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 59.48 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.024 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion: 172 Resp: 1660830
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 24.0 19.2 28.8

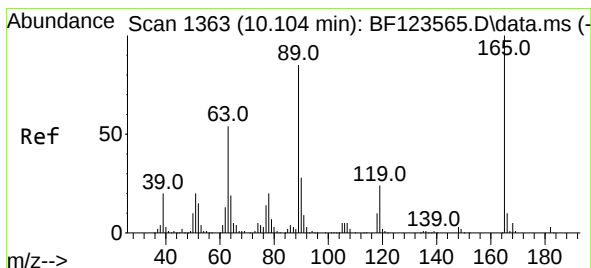
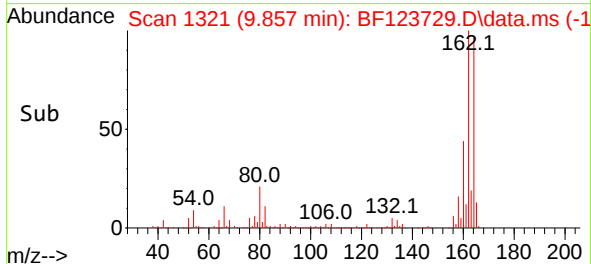
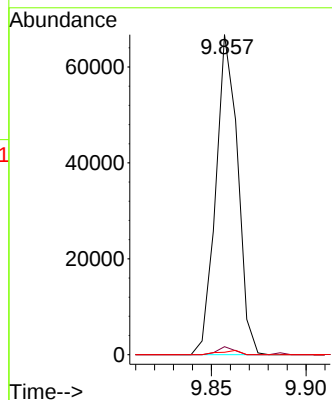
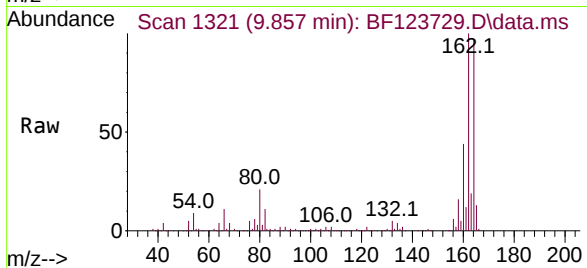




#51
2,6-Dinitrotoluene
Concen: 8.50 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

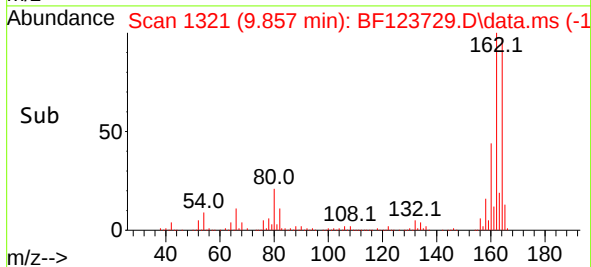
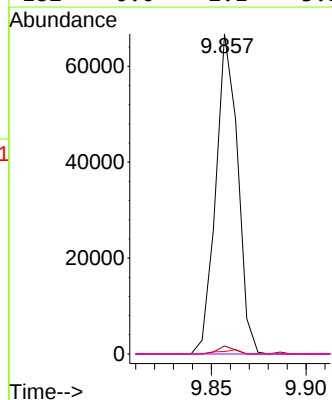
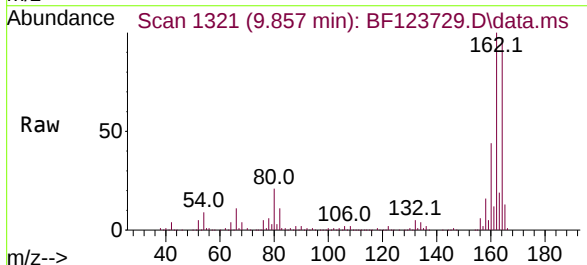
Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

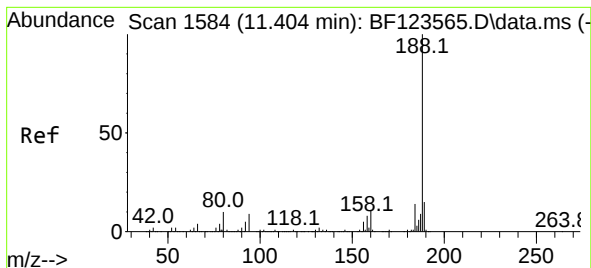
Tgt Ion:165 Resp: 53668
Ion Ratio Lower Upper
165 100
63 2.5 67.7 101.5#
89 0.7 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion:165 Resp: 53668
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 0.7 67.7 101.5#
182 0.0 2.1 3.1#

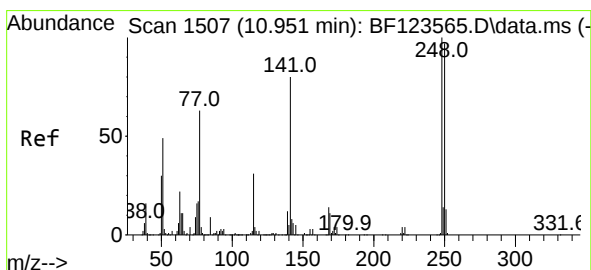
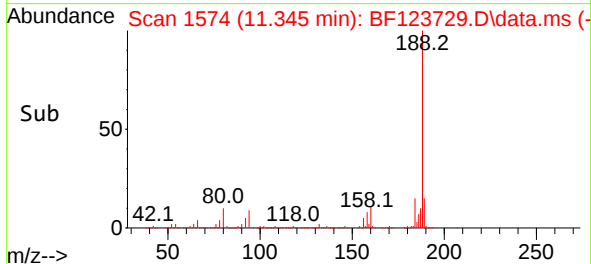
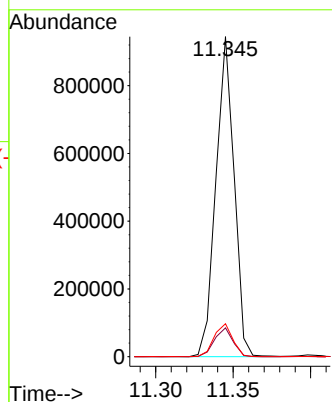
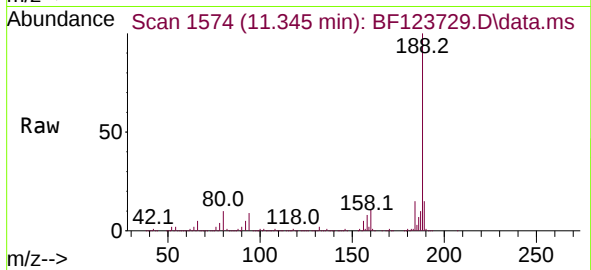




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

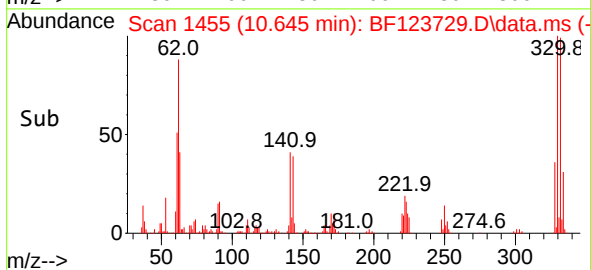
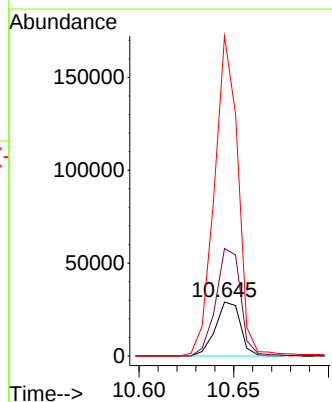
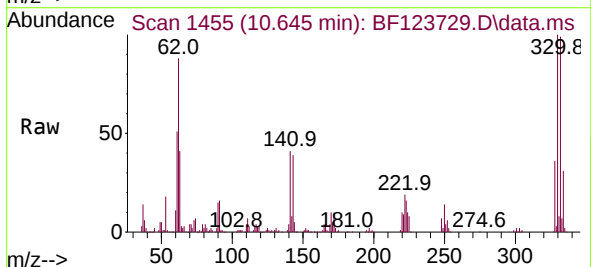
Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

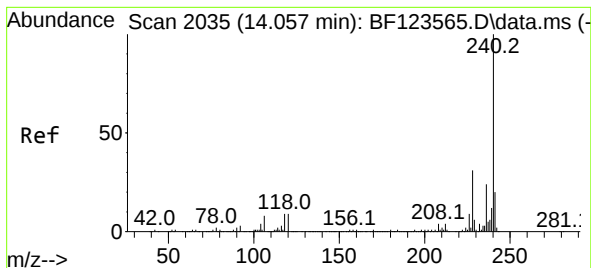
Tgt Ion:188 Resp: 771352
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.271 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion:248 Resp: 26614
Ion Ratio Lower Upper
248 100
250 199.2 77.4 116.2#
141 592.8 63.7 95.5#

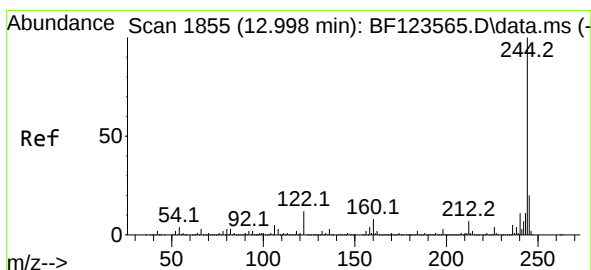
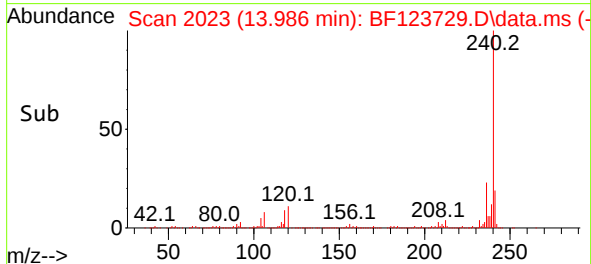
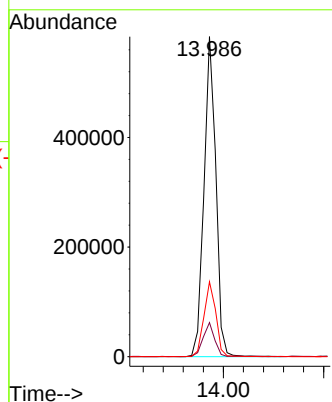
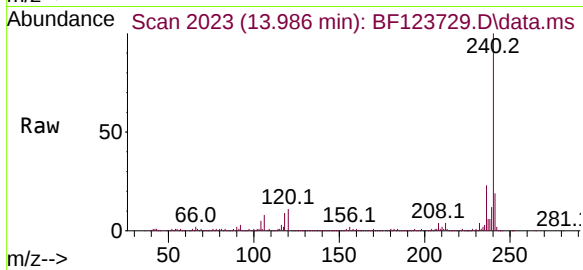




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

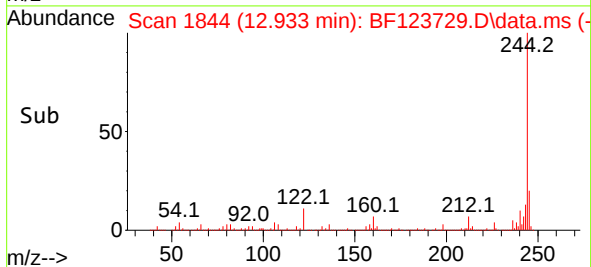
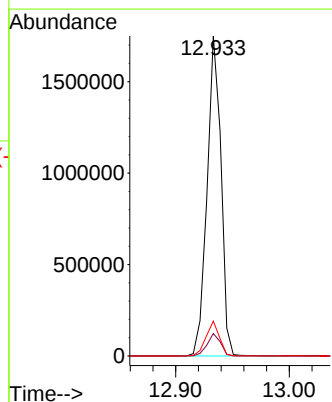
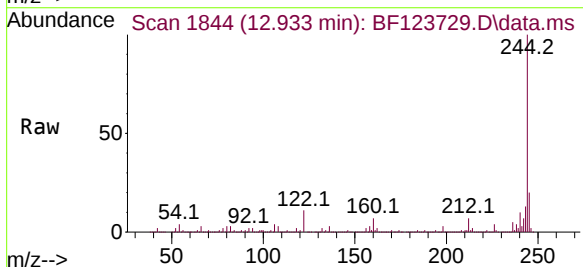
Instrument :
BNA_F
ClientSampleId :
TP-4-COMP

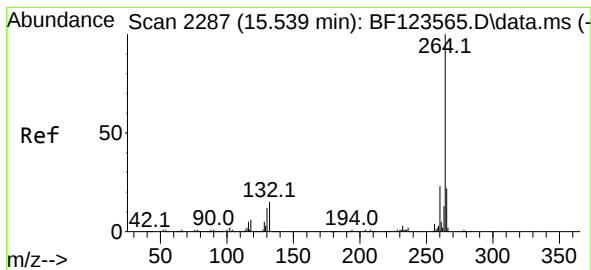
Tgt Ion:240 Resp: 481029
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 23.4 19.0 28.4



#79
Terphenyl-d14
Concen: 59.96 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.029 min
Lab File: BF123729.D
Acq: 24 Apr 2021 21:30

Tgt Ion:244 Resp: 1483971
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.9 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.041 min
 Lab File: BF123729.D
 Acq: 24 Apr 2021 21:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-COMP

Tgt Ion:264 Resp: 445180
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.4 17.8 26.8

