

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123971.D
 Acq On : 17 May 2021 19:21
 Operator : JU/CG
 Sample : M2420-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCESSION-CP-3

Quant Time: May 18 00:57:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

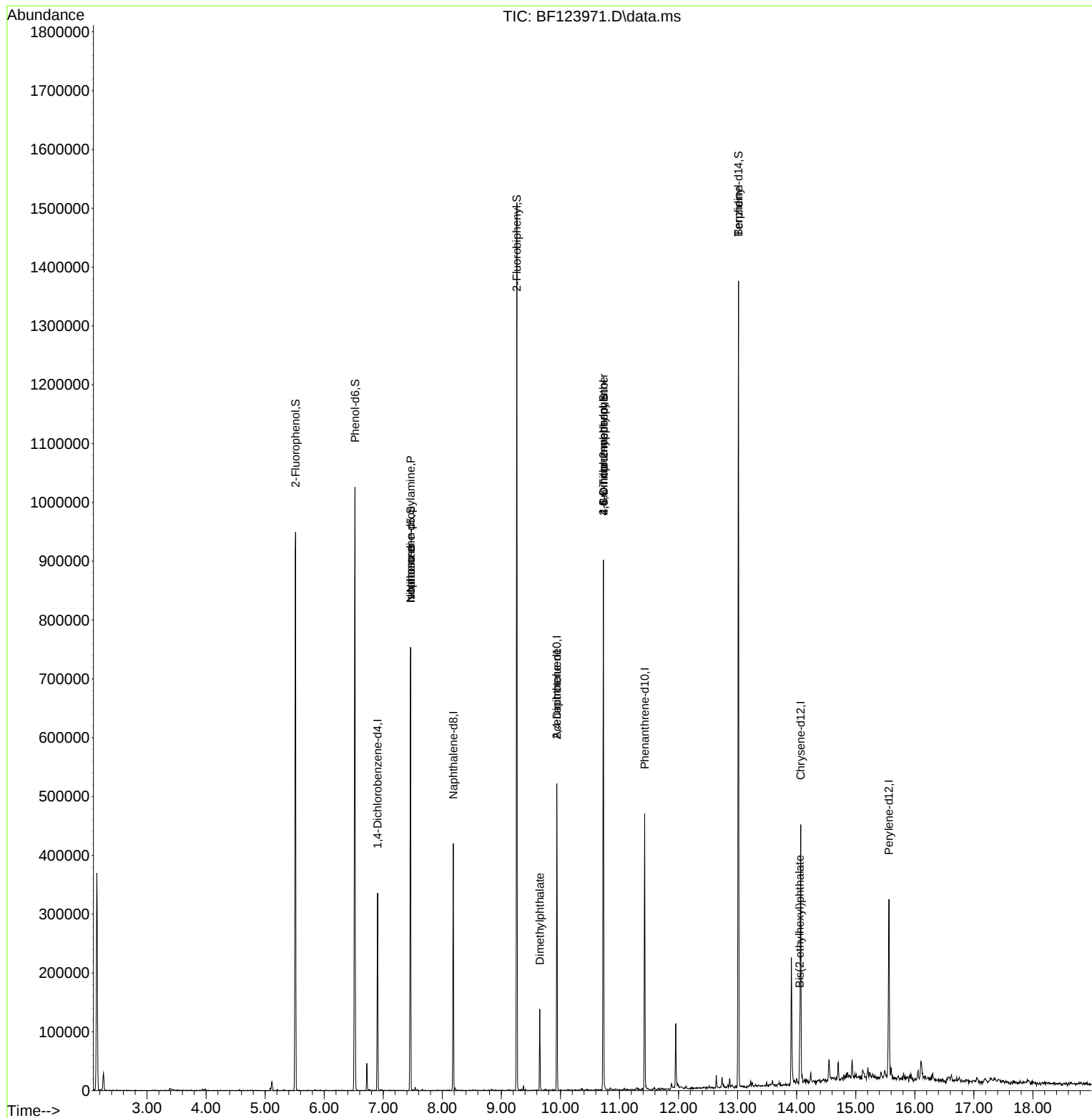
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	36640	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	147502	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	84423	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	142376	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	120962	20.00	ng	0.00
86) Perylene-d12	15.562	264	115073	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	210521	80.67	ng	0.00
7) Phenol-d6	6.522	99	267772	79.10	ng	0.00
23) Nitrobenzene-d5	7.463	82	193579	56.54	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	81187	80.07	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	363125	52.93	ng	0.00
79) Terphenyl-d14	13.015	244	378913	47.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	27464	12.01	ng	# 76
25) Isophorone	7.463	82	193629	29.40	ng	# 69
50) Dimethylphthalate	9.651	163	39574	5.87	ng	# 97
57) 2,4-Dinitrotoluene	9.939	165	11642	6.96	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.727	198	143	5.58	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	5413	2.89	ng	# 1
77) Benzidine	13.015	184	6377	2.18	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.051	149	16644	2.80	ng	97

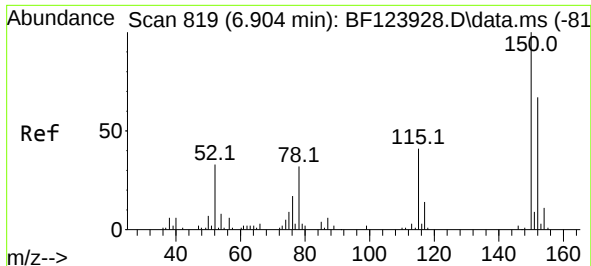
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 18 00:57:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

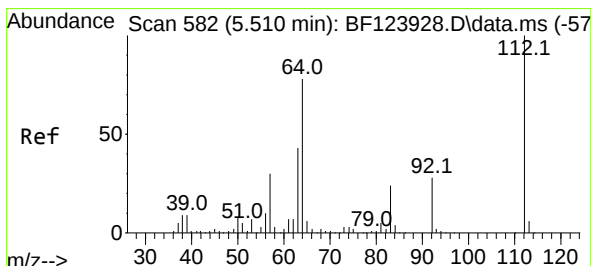
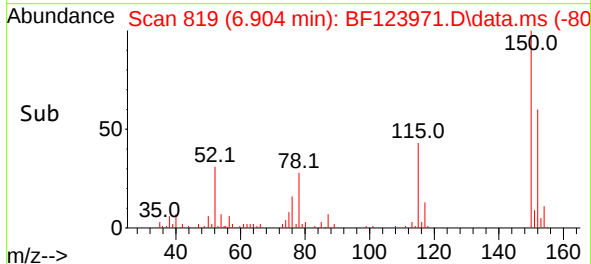
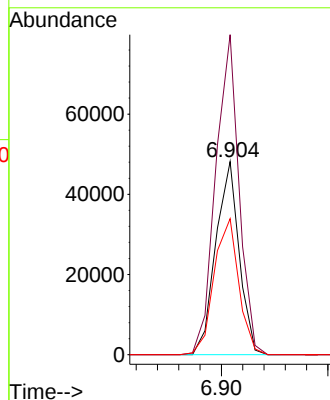
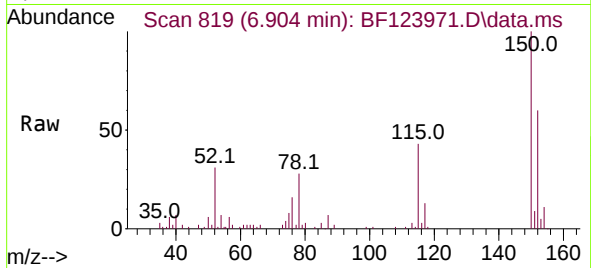




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

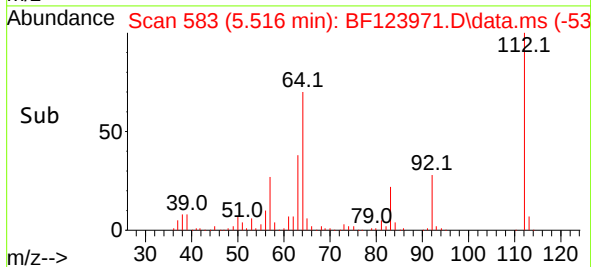
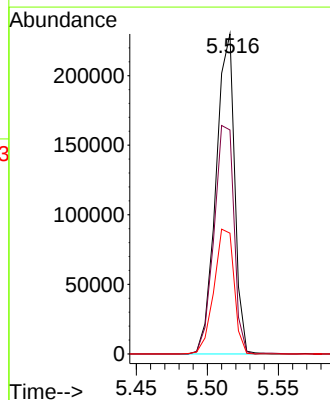
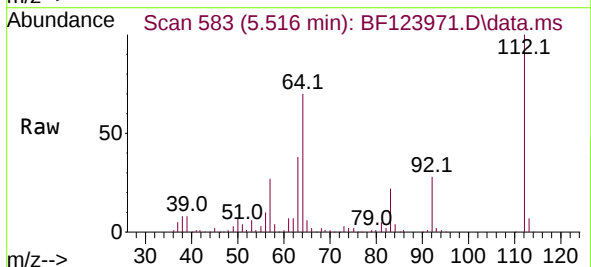
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-3

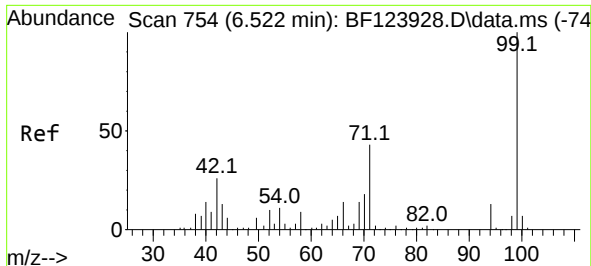
Tgt Ion:152 Resp: 36640
Ion Ratio Lower Upper
152 100
150 165.7 127.0 190.6
115 70.5 54.3 81.5



#5
2-Fluorophenol
Concen: 80.67 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Tgt Ion:112 Resp: 210521
Ion Ratio Lower Upper
112 100
64 70.0 61.4 92.0
63 37.8 33.0 49.4

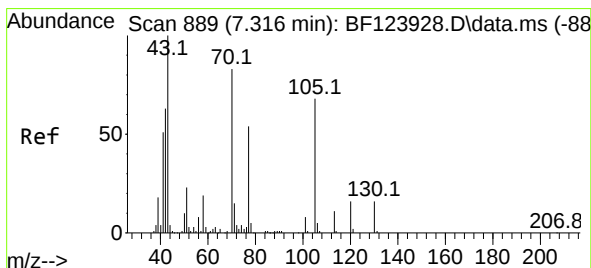
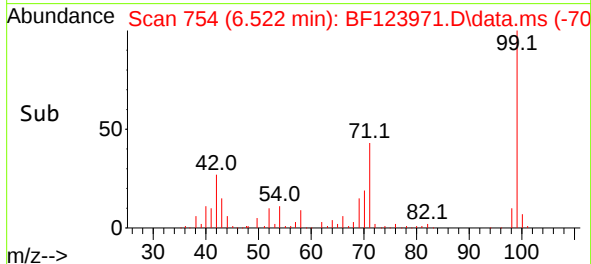
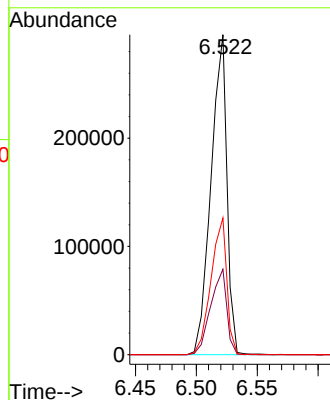
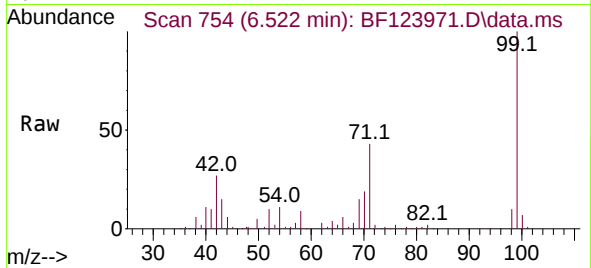




#7
Phenol-d6
Concen: 79.10 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

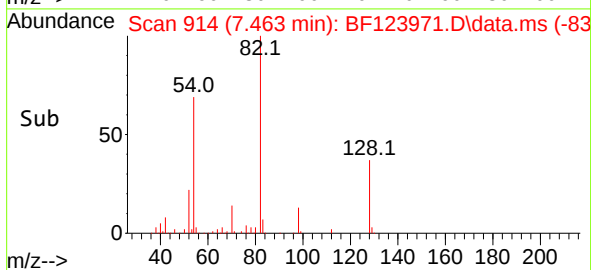
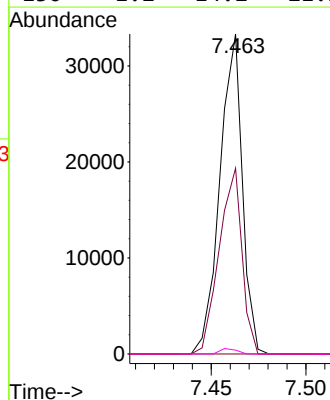
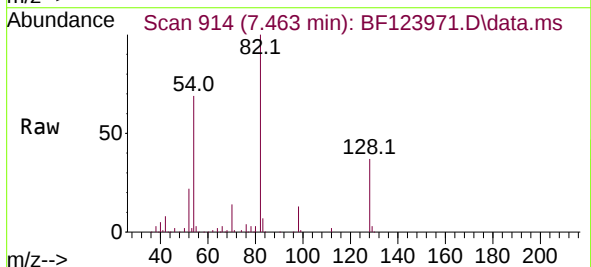
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-3

Tgt Ion: 99 Resp: 267772
Ion Ratio Lower Upper
99 100
42 26.7 19.8 29.8
71 42.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.01 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

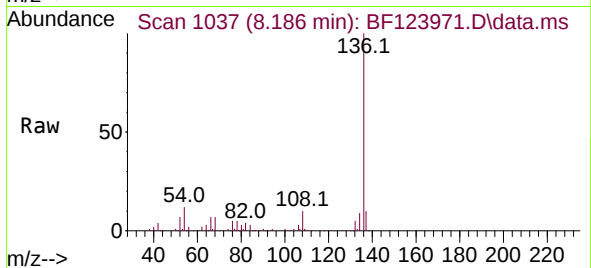
Tgt Ion: 70 Resp: 27464
Ion Ratio Lower Upper
70 100
42 58.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#



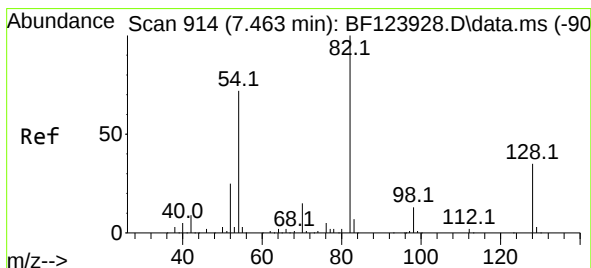
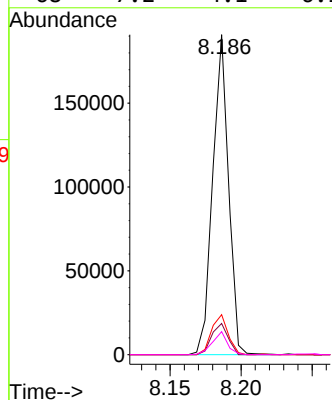
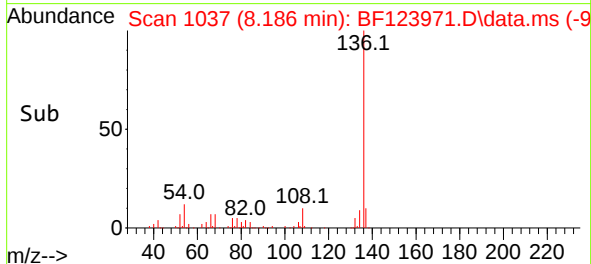


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

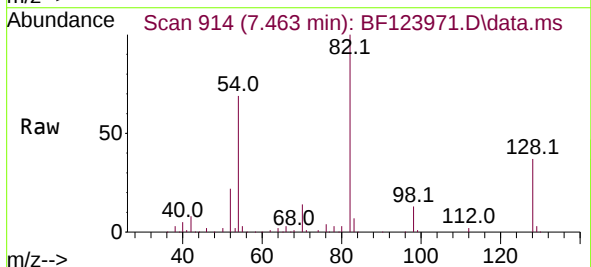
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-3



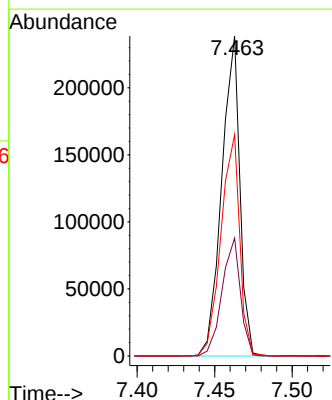
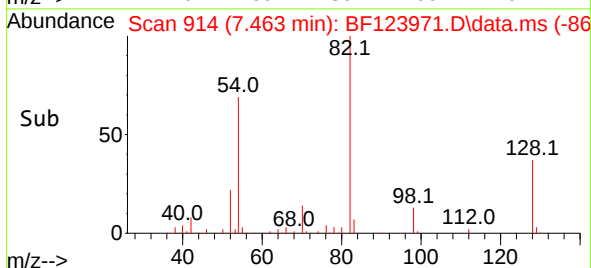
Tgt Ion:136 Resp: 147502
Ion Ratio Lower Upper
136 100
137 9.8 8.7 13.1
54 12.5 9.8 14.6
68 7.2 4.1 6.1#

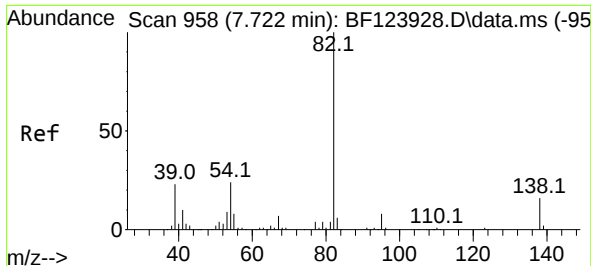


#23
Nitrobenzene-d5
Concen: 56.54 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21



Tgt Ion: 82 Resp: 193579
Ion Ratio Lower Upper
82 100
128 36.8 29.4 44.2
54 69.1 54.1 81.1

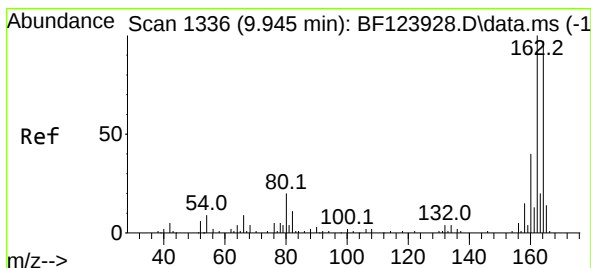
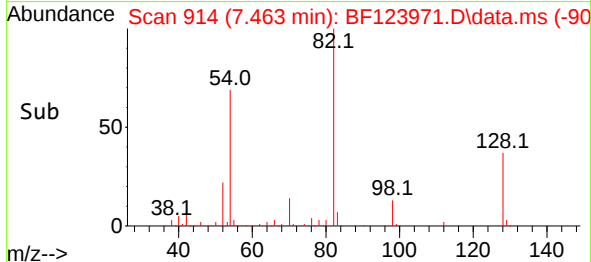
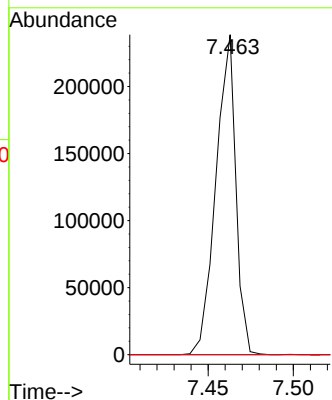
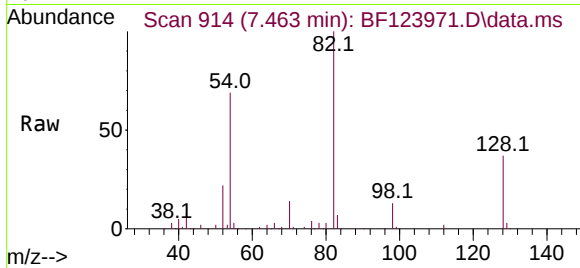




#25
Isophorone
Concen: 29.40 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

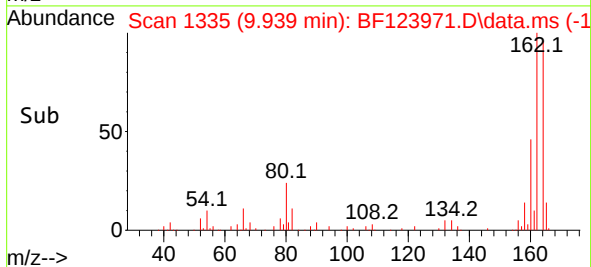
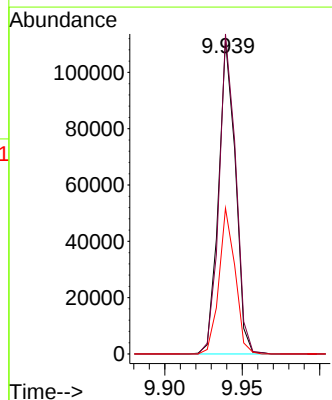
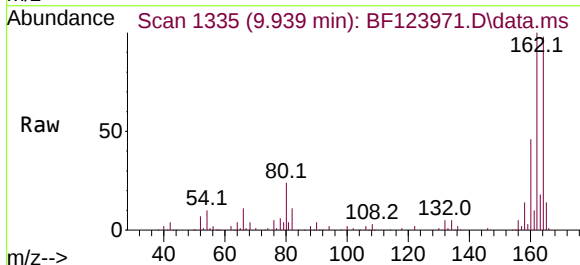
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CONCESSION-CP-3

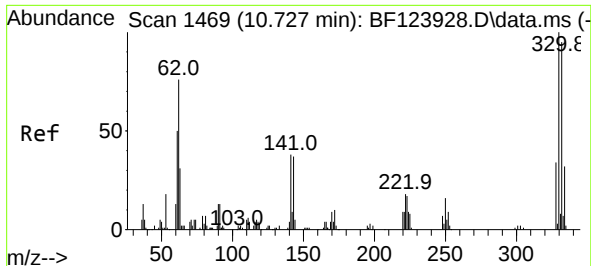
Tgt Ion: 82 Resp: 193629
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Tgt Ion:164 Resp: 84423
Ion Ratio Lower Upper
164 100
162 101.9 80.7 121.1
160 46.4 37.3 55.9

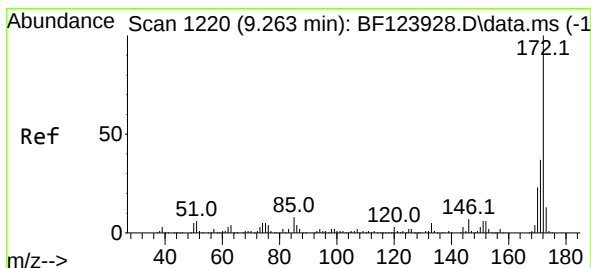
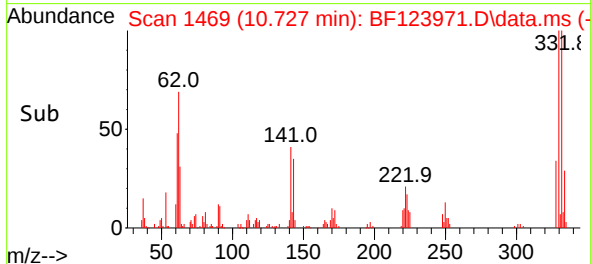
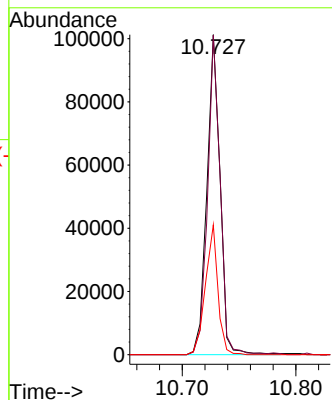
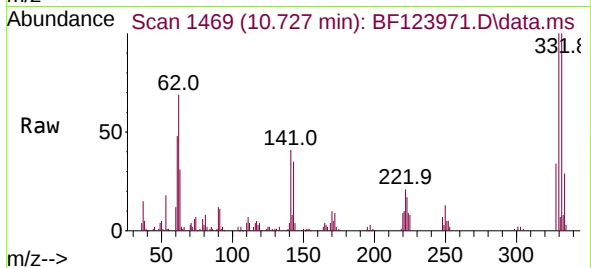




#42
2,4,6-Tribromophenol
Concen: 80.07 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

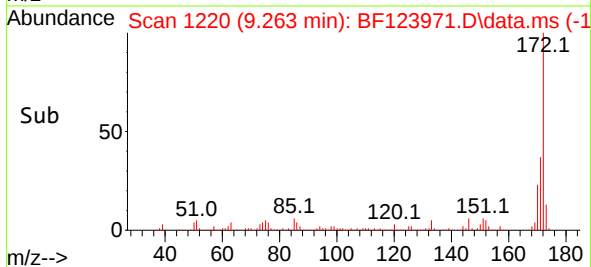
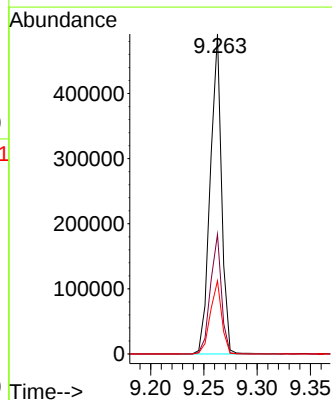
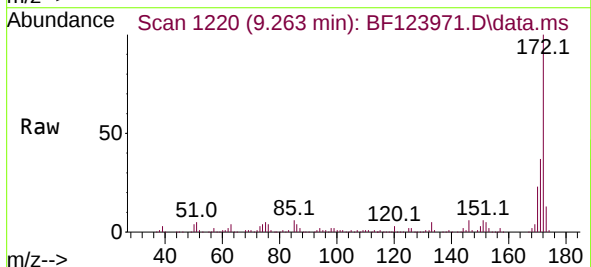
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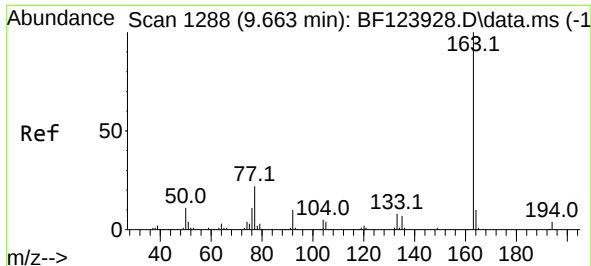
Tgt Ion: 330 Resp: 81187
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 52.93 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Tgt Ion: 172 Resp: 363125
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 22.8 19.2 28.8

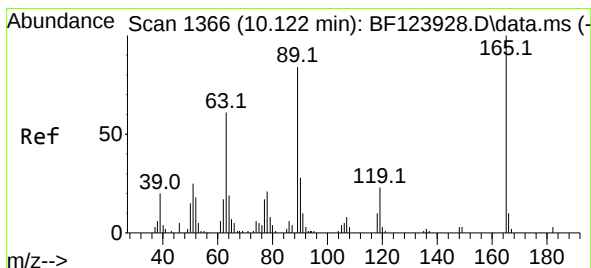
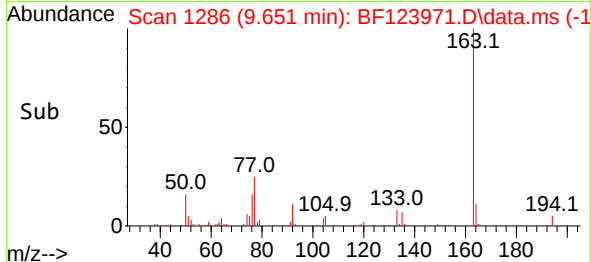
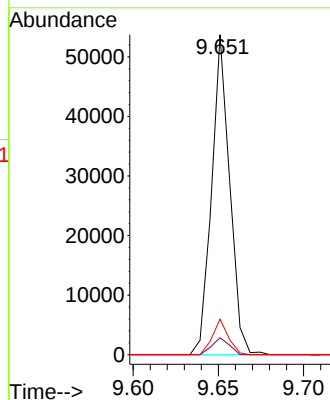
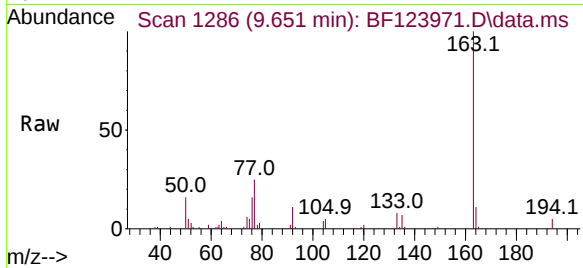




#50
Dimethylphthalate
Concen: 5.87 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

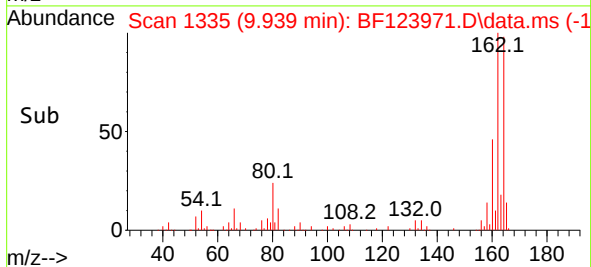
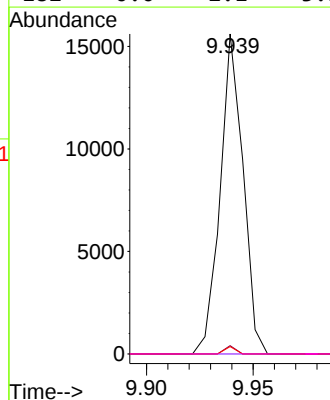
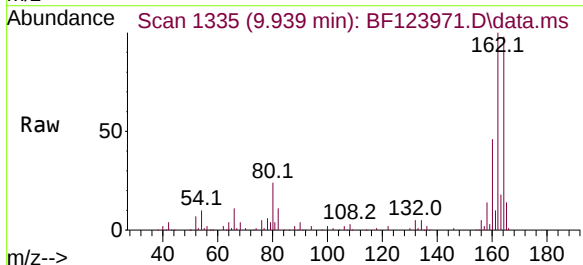
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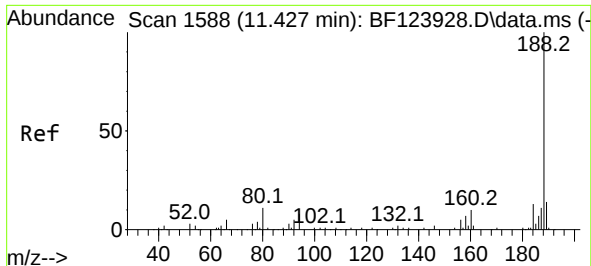
Tgt Ion:163 Resp: 39574
Ion Ratio Lower Upper
163 100
194 5.3 3.1 4.7#
164 11.1 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Tgt Ion:165 Resp: 11642
Ion Ratio Lower Upper
165 100
63 2.6 43.5 65.3#
89 2.3 67.7 101.5#
182 0.0 2.1 3.1#

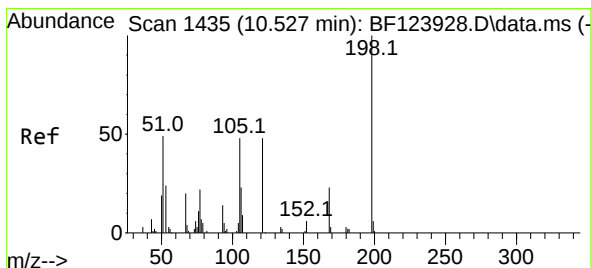
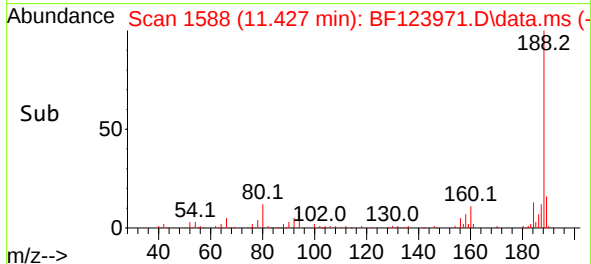
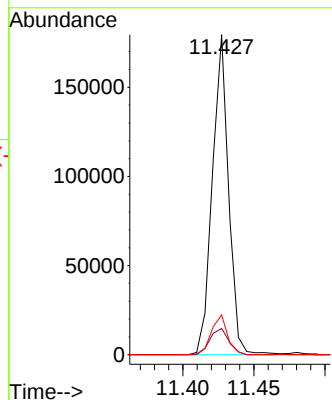
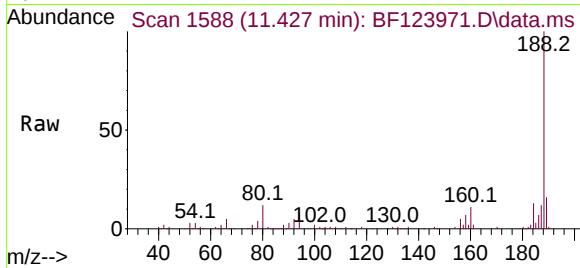




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

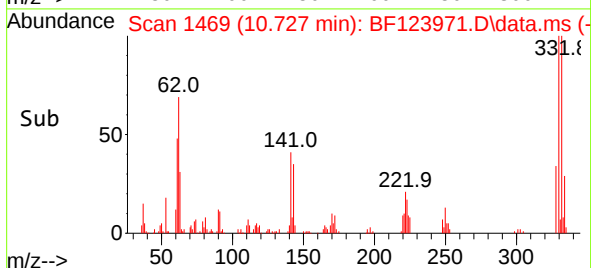
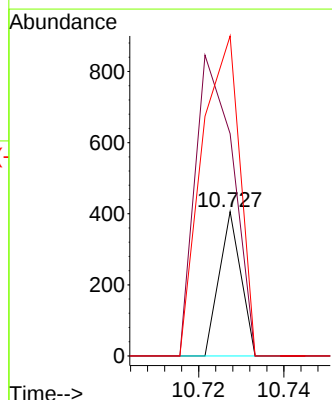
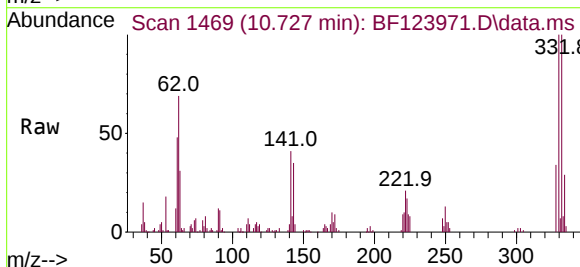
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-3

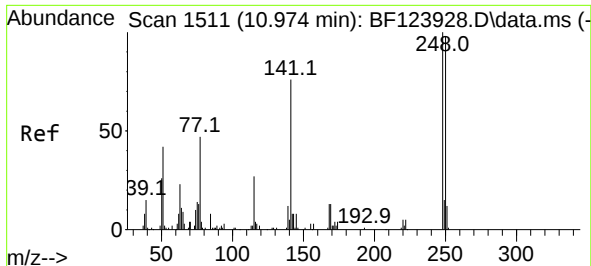
Tgt Ion:188 Resp: 142376
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 12.4 8.2 12.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.58 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

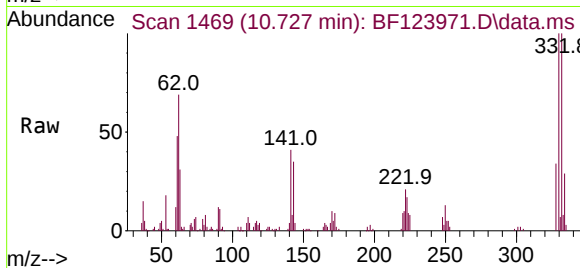
Tgt Ion:198 Resp: 143
Ion Ratio Lower Upper
198 100
51 153.9 64.8 104.8#
105 221.7 42.6 82.6#



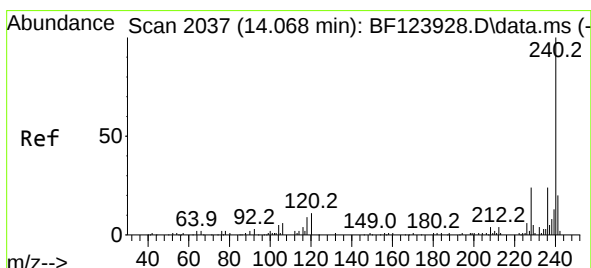
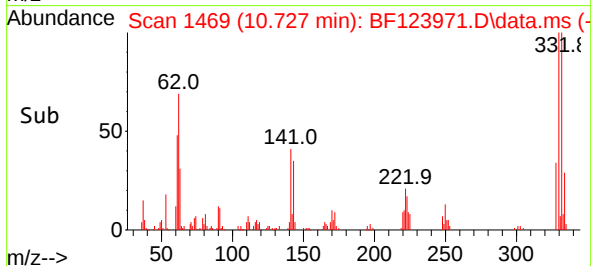
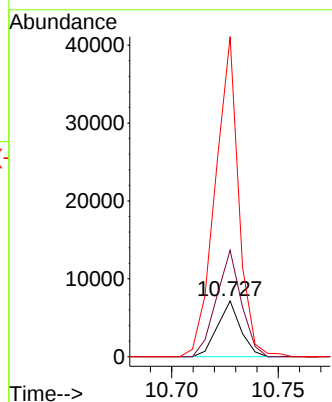


#67
4-Bromophenyl-phenylether
Concen: 2.89 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-3

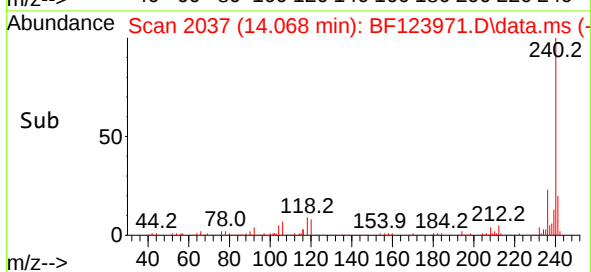
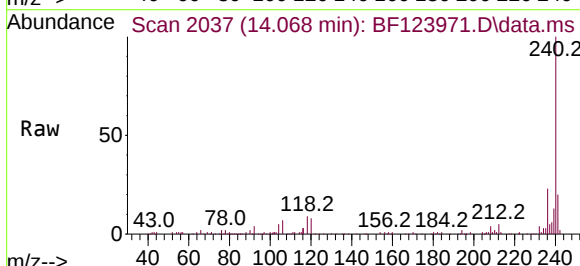
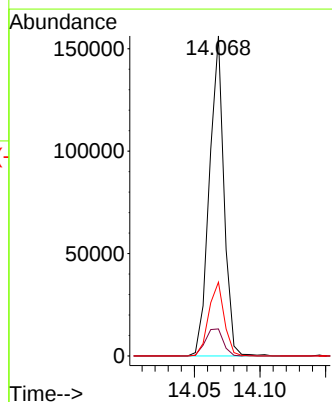


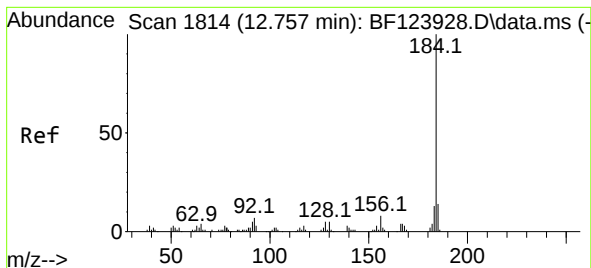
Tgt Ion:248 Resp: 5413
Ion Ratio Lower Upper
248 100
250 191.1 77.4 116.2#
141 574.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Tgt Ion:240 Resp: 120962
Ion Ratio Lower Upper
240 100
120 8.4 7.2 10.8
236 23.1 19.0 28.4





#77

Benzidine

Concen: 2.18 ng

RT: 13.015 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF123971.D

Acq: 17 May 2021 19:21

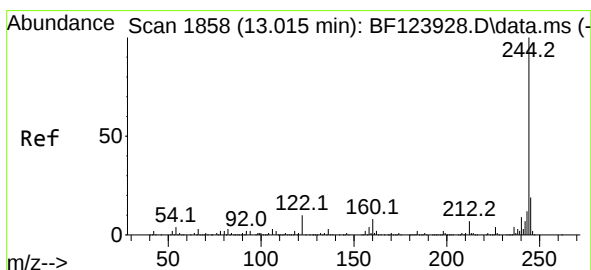
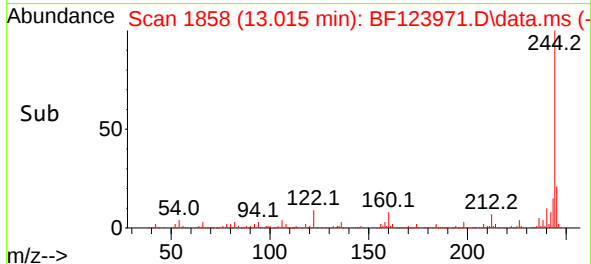
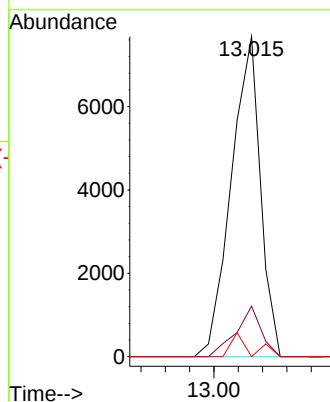
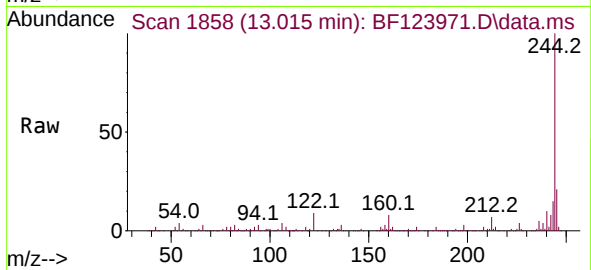
Tgt Ion:184	Resp:	6377
Ion Ratio	Lower	Upper
184	100	
185	15.8	12.1 18.1
183	0.0	7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

CONCESSION-CP-3



#79

Terphenyl-d14

Concen: 47.44 ng

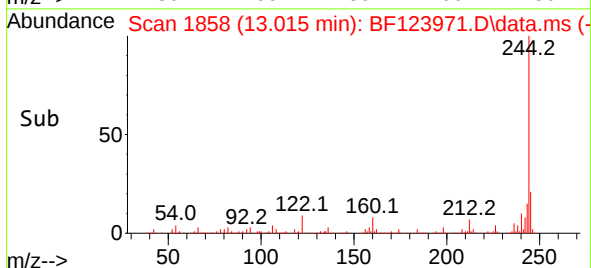
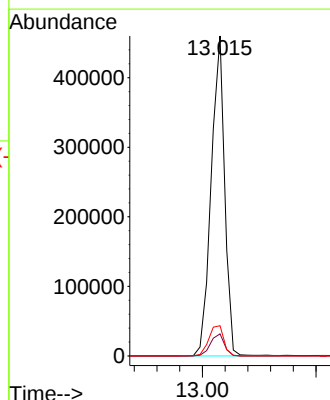
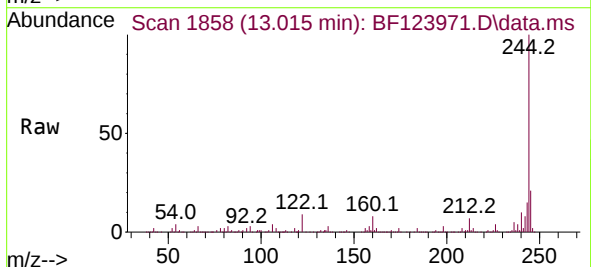
RT: 13.015 min Scan# 1858

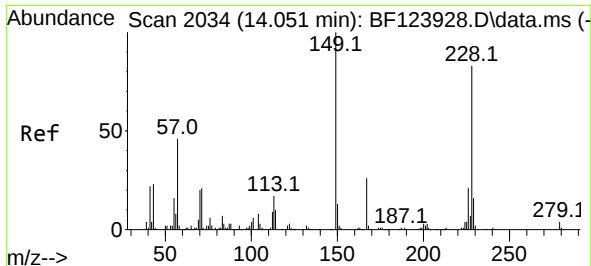
Delta R.T. -0.000 min

Lab File: BF123971.D

Acq: 17 May 2021 19:21

Tgt Ion:244	Resp:	378913
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.7 8.5
122	9.4	9.7 14.5#

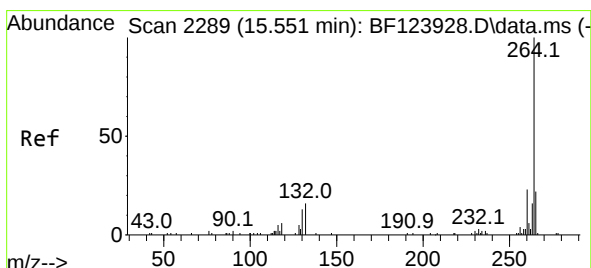
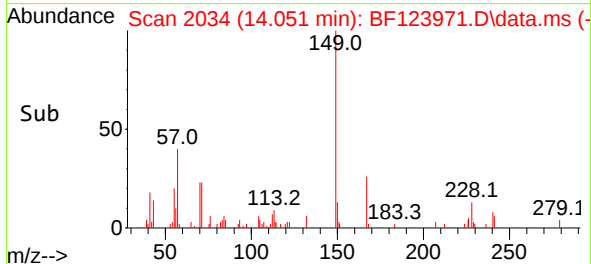
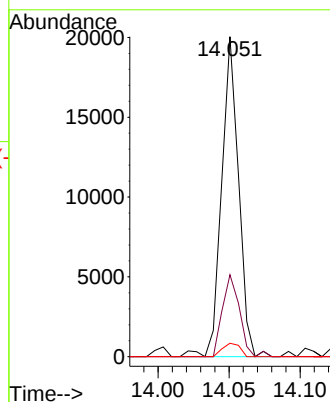
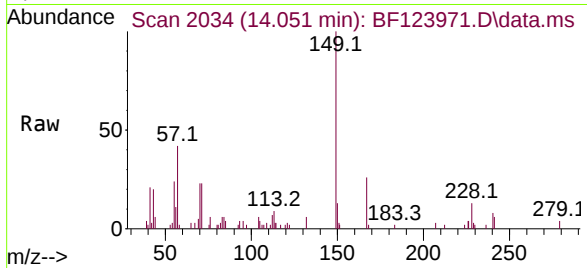




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.80 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-3

Tgt Ion:	149	Resp:	16644
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.8	32.6
279	4.2	3.3	4.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123971.D
Acq: 17 May 2021 19:21

Tgt Ion:	264	Resp:	115073
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.7	28.1
265	19.9	17.8	26.8

