

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124085.D
 Acq On : 27 May 2021 2:38
 Operator : JU/CG
 Sample : M2521-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-052521

Quant Time: May 27 04:55:57 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)

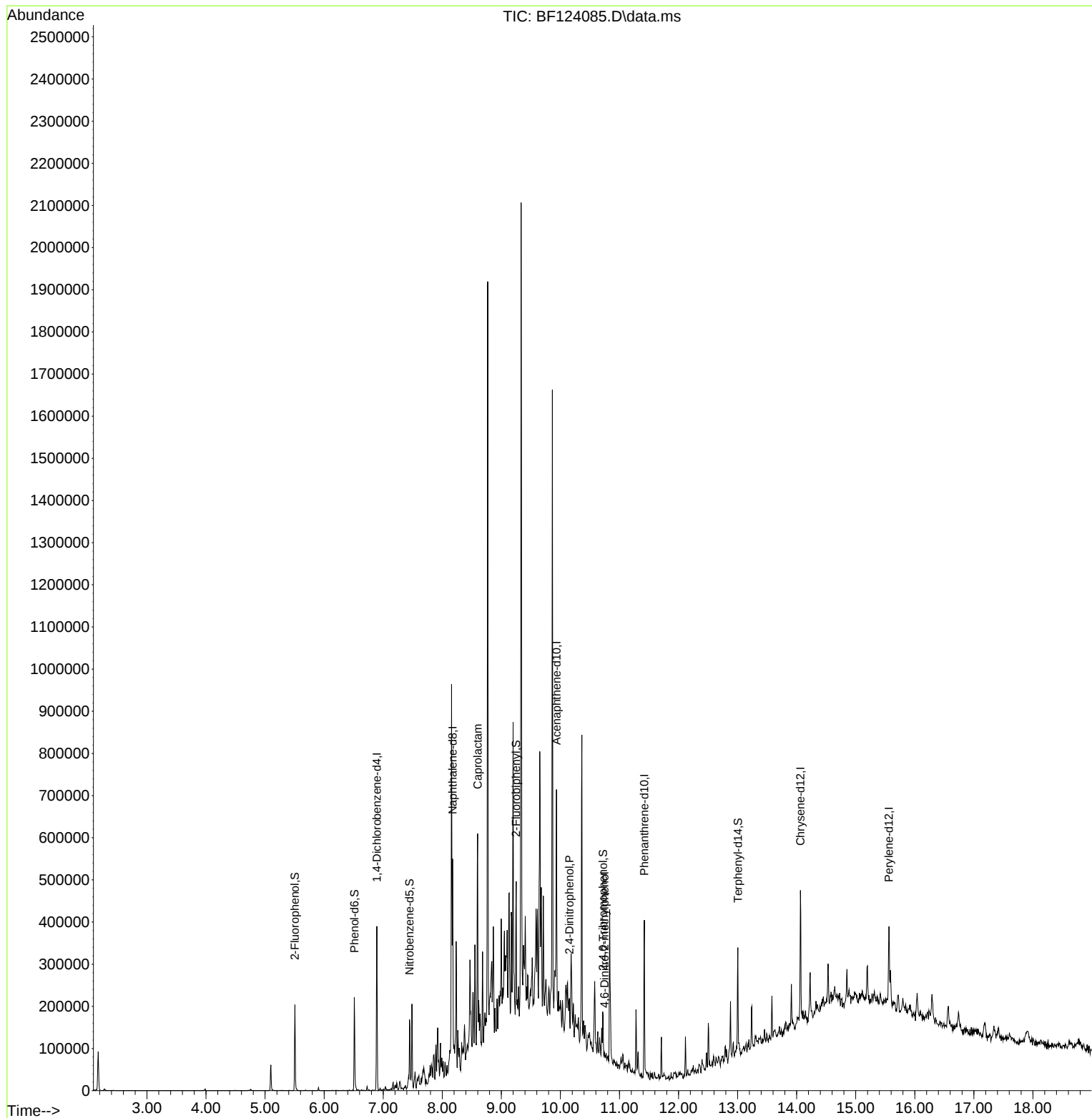
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	47846	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	169884	20.00	ng	#-0.01
39) Acenaphthene-d10	9.934	164	86101	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	122177	20.00	ng	# 0.00
76) Chrysene-d12	14.063	240	97292	20.00	ng	0.00
86) Perylene-d12	15.563	264	79105	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	42336	12.42	ng	0.00
7) Phenol-d6	6.510	99	56567	12.80	ng	-0.01
23) Nitrobenzene-d5	7.445	82	45987	11.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	11631	11.25	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	80834	11.55	ng	-0.01
79) Terphenyl-d14	13.004	244	64921	10.11	ng	-0.01
Target Compounds						
35) Caprolactam	8.598	113	8091	10.11	ng	# 9
54) 2,4-Dinitrophenol	10.151	184	219	7.55	ng	# 40
65) 4,6-Dinitro-2-methylph...	10.745	198	191	5.65	ng	# 10

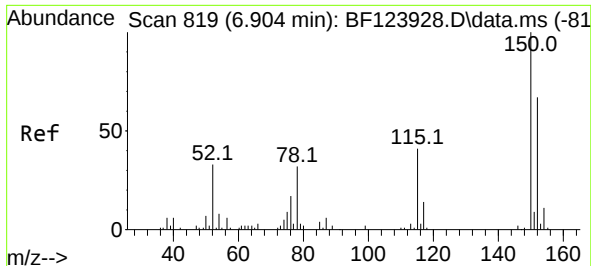
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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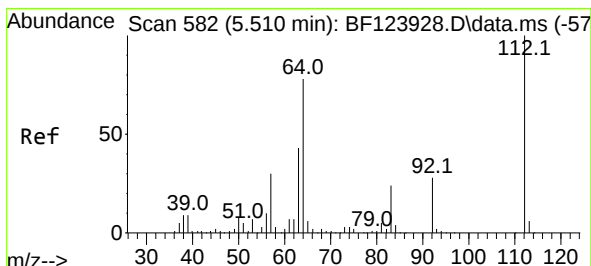
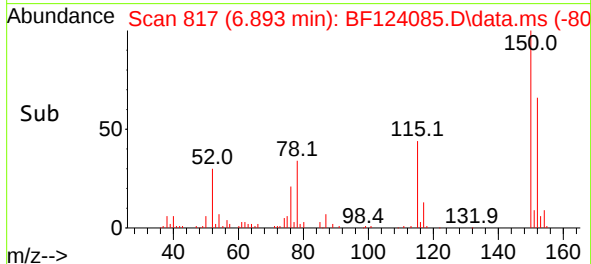
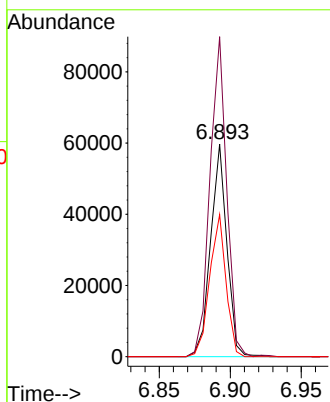
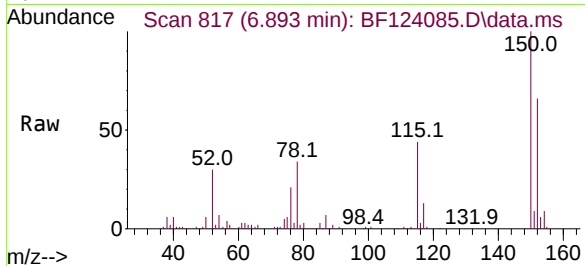




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

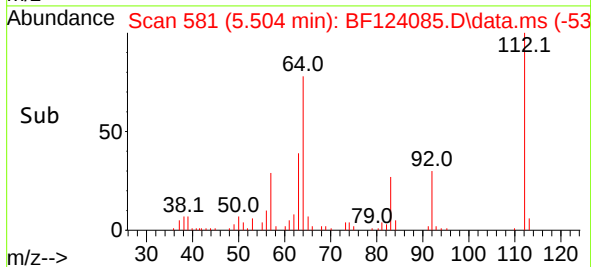
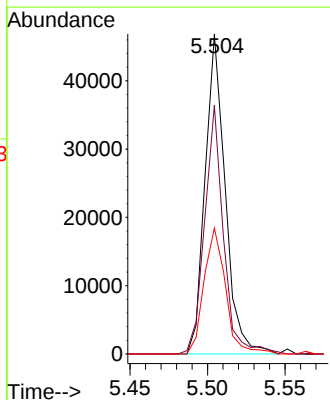
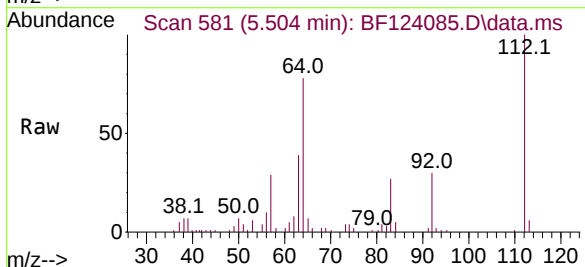
Instrument :
BNA_F
ClientSampleId :
HR-03-052521

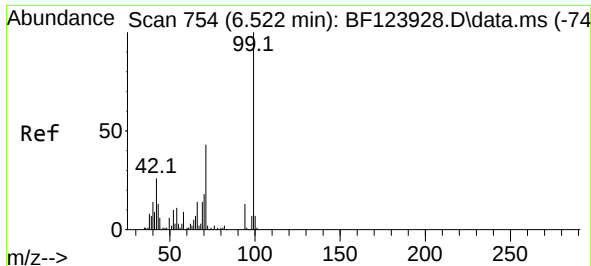
Tgt Ion:152 Resp: 47846
Ion Ratio Lower Upper
152 100
150 150.5 127.0 190.6
115 66.9 54.3 81.5



#5
2-Fluorophenol
Concen: 12.42 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

Tgt Ion:112 Resp: 42336
Ion Ratio Lower Upper
112 100
64 77.7 61.4 92.0
63 39.4 33.0 49.4

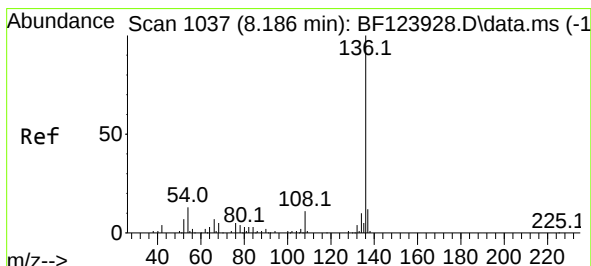
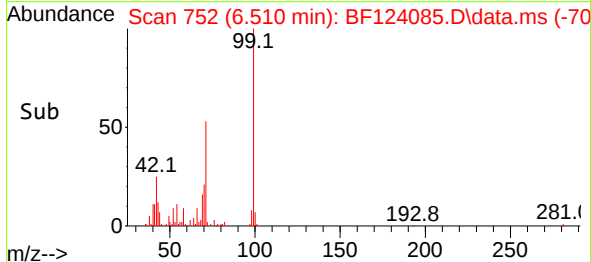
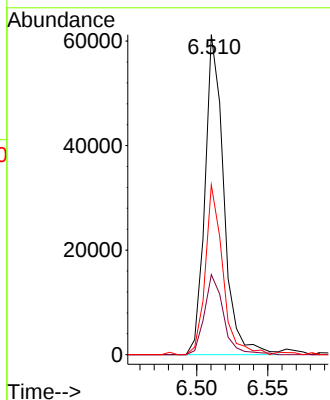
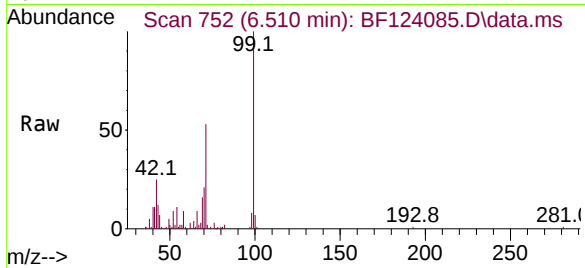




#7
Phenol-d6
Concen: 12.80 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

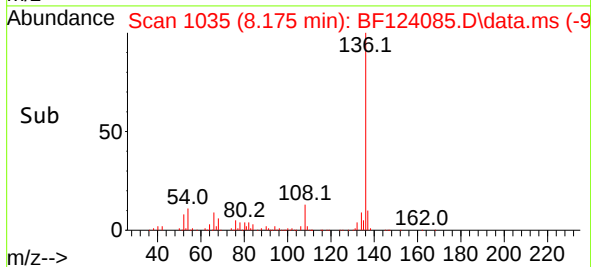
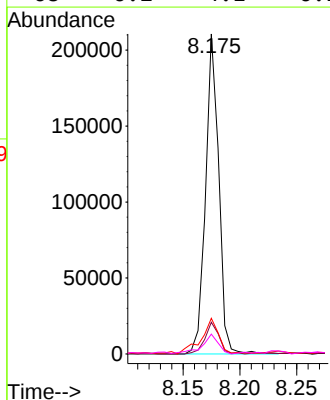
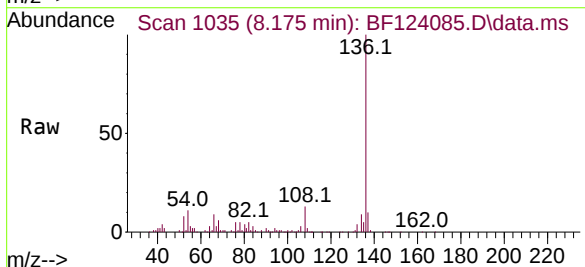
Instrument :
BNA_F
ClientSampleId :
HR-03-052521

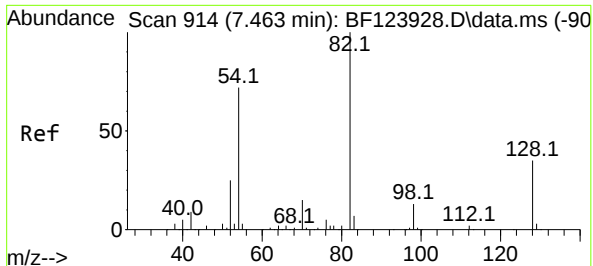
Tgt Ion: 99 Resp: 56567
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.8
71 53.1 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

Tgt Ion: 136 Resp: 169884
Ion Ratio Lower Upper
136 100
137 9.9 8.7 13.1
54 11.2 9.8 14.6
68 6.2 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 11.66 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.017 min

Lab File: BF124085.D

Acq: 27 May 2021 2:38

Tgt Ion: 82 Resp: 45987

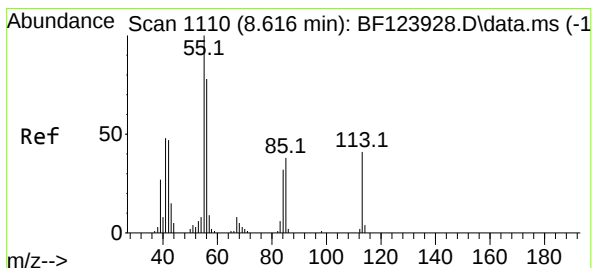
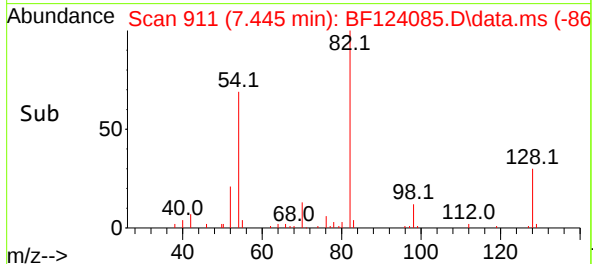
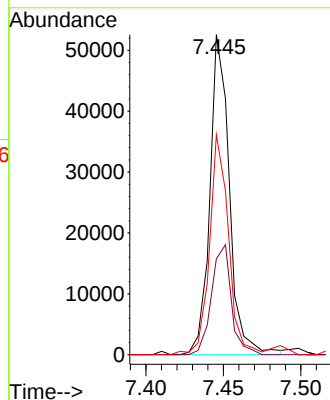
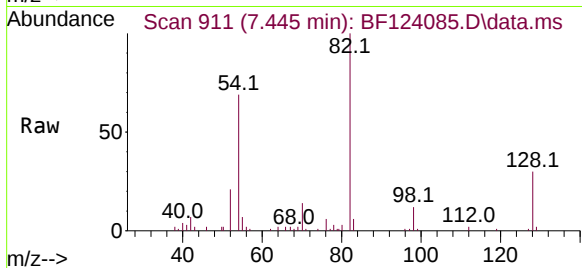
Ion	Ratio	Lower	Upper
82	100		
128	29.9	29.4	44.2
54	68.7	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

HR-03-052521



#35

Caprolactam

Concen: 10.11 ng

RT: 8.598 min Scan# 1107

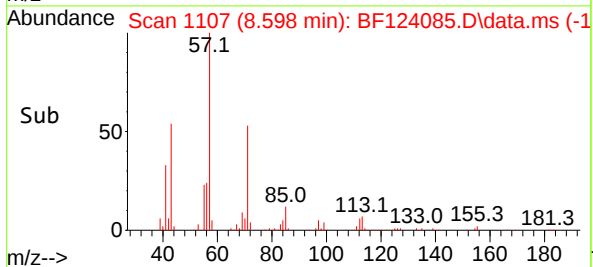
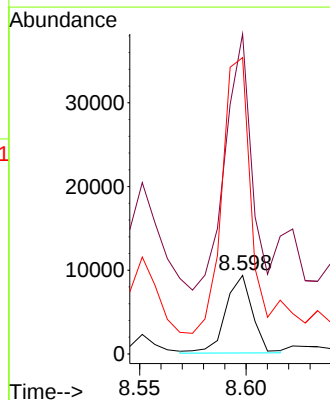
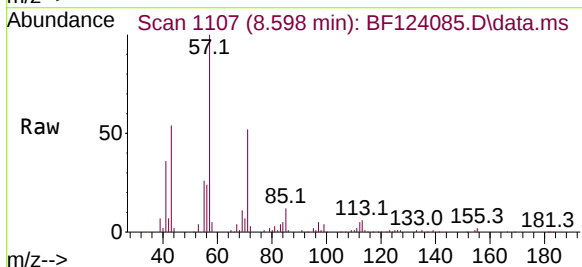
Delta R.T. -0.017 min

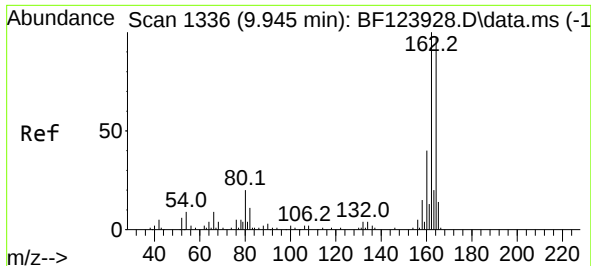
Lab File: BF124085.D

Acq: 27 May 2021 2:38

Tgt Ion: 113 Resp: 8091

Ion	Ratio	Lower	Upper
113	100		
55	407.1	254.9	294.9#
56	376.9	179.4	219.4#

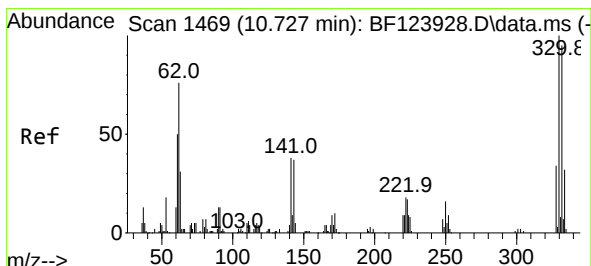
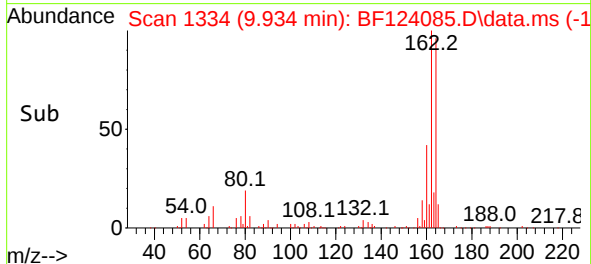
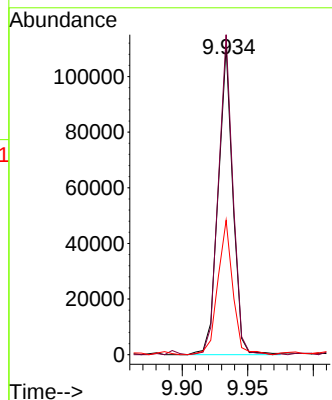
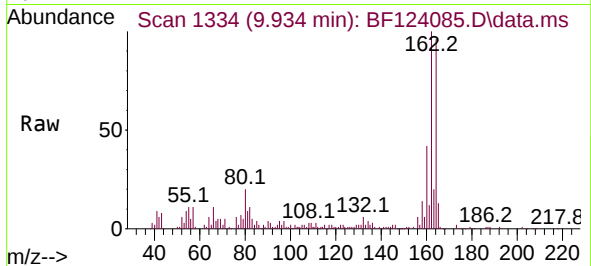




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.934 min Scan# 1334
Delta R.T. -0.011 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

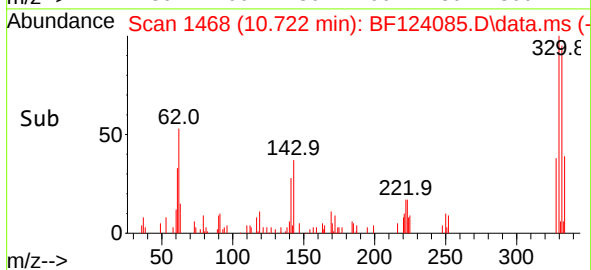
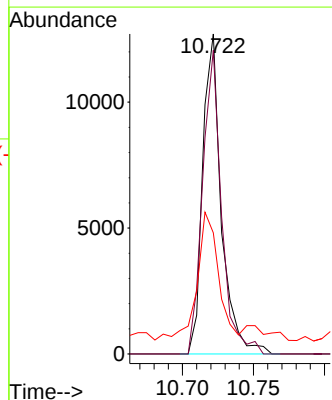
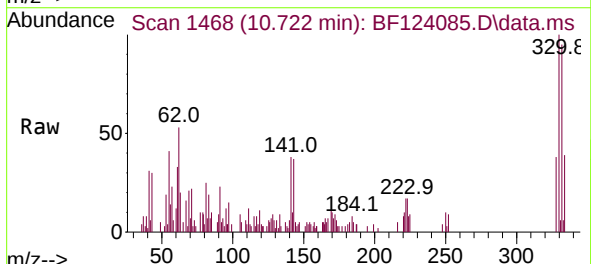
Instrument :
BNA_F
ClientSampleId :
HR-03-052521

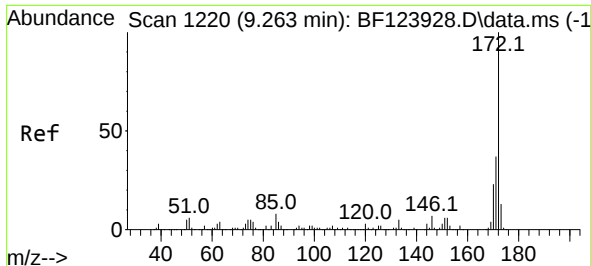
Tgt Ion:164 Resp: 86101
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 43.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 11.25 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

Tgt Ion:330 Resp: 11631
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 41.0 27.9 41.9

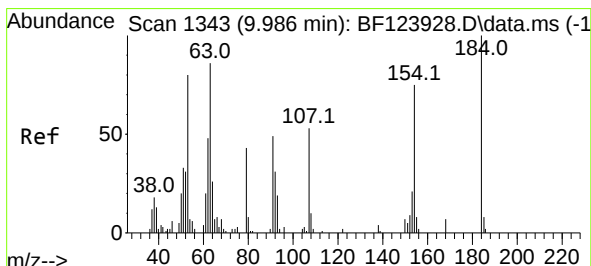
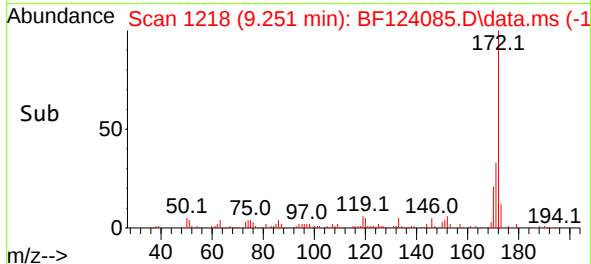
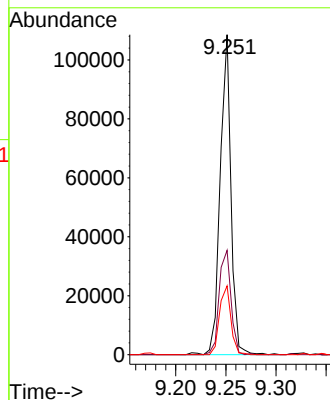
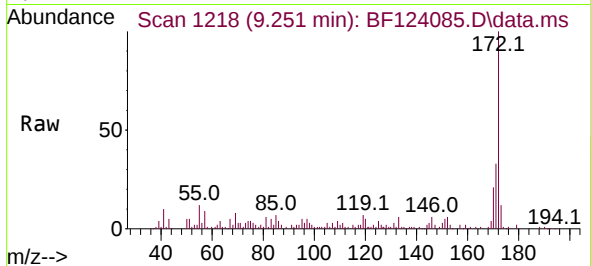




#45
2-Fluorobiphenyl
Concen: 11.55 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

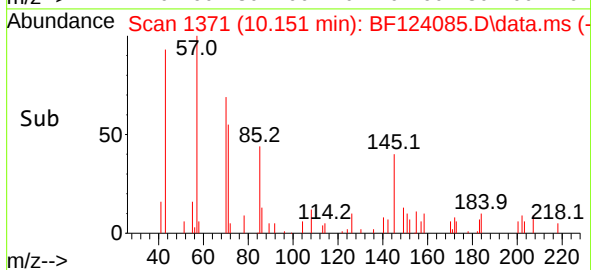
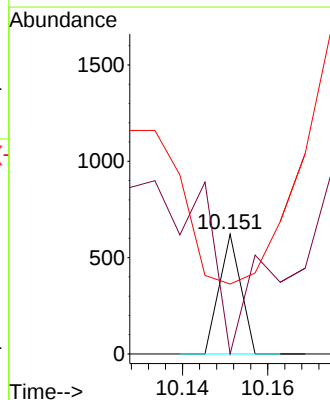
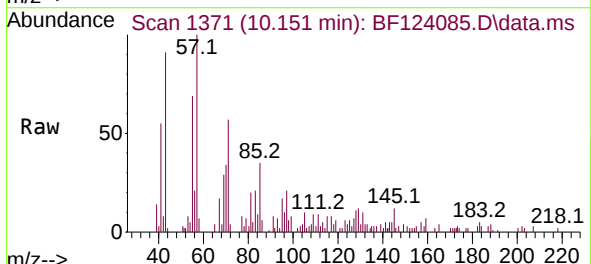
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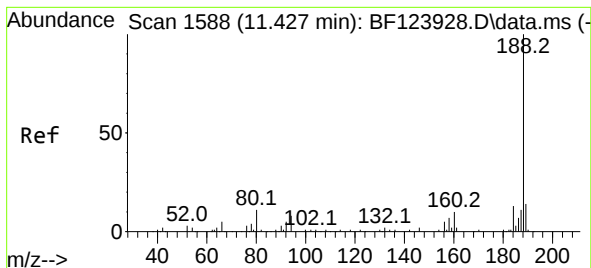
Tgt Ion:172 Resp: 80834
Ion Ratio Lower Upper
172 100
171 32.6 28.1 42.1
170 21.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.165 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

Tgt Ion:184 Resp: 219
Ion Ratio Lower Upper
184 100
63 0.0 73.5 110.3#
154 58.5 52.5 78.7

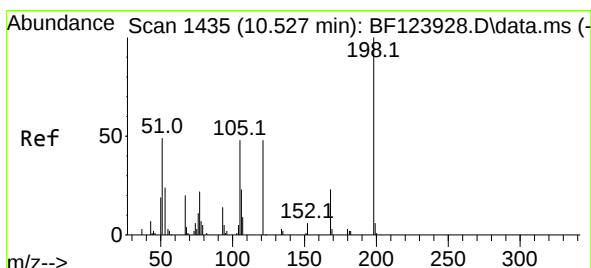
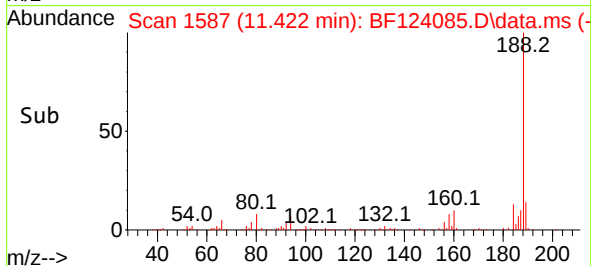
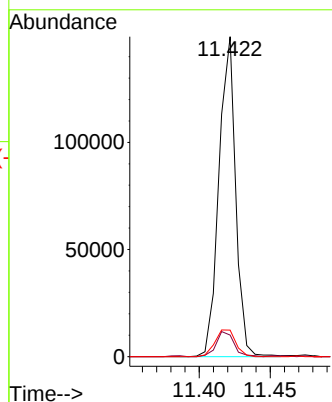
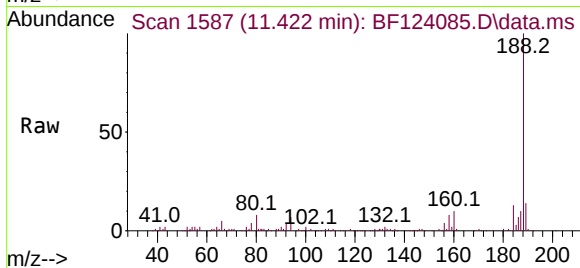




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

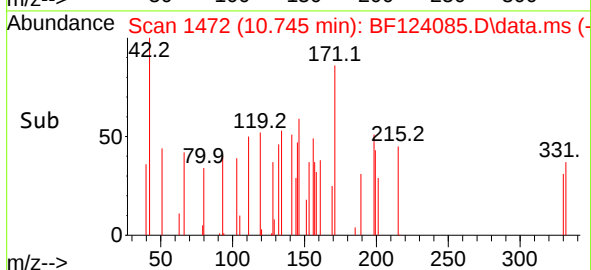
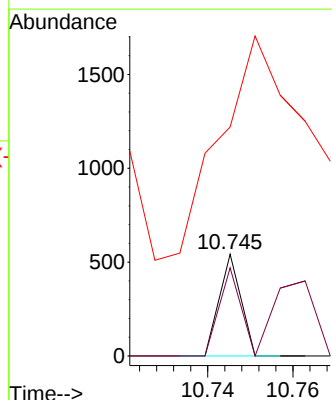
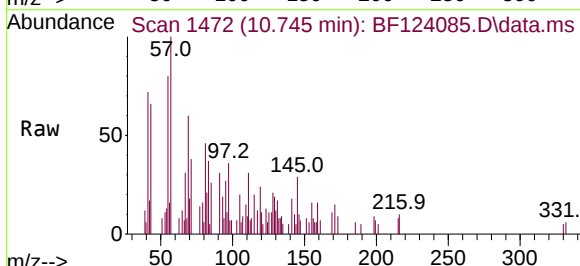
Instrument :
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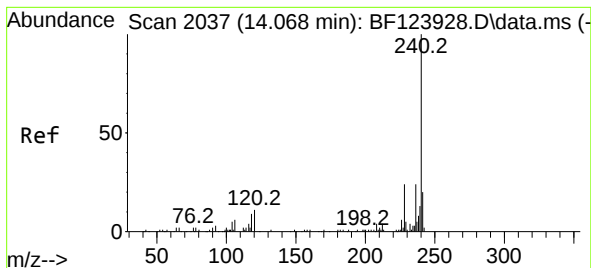
Tgt Ion:188 Resp: 122177
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 8.3 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.65 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.218 min
Lab File: BF124085.D
Acq: 27 May 2021 2:38

Tgt Ion:198 Resp: 191
Ion Ratio Lower Upper
198 100
51 86.7 64.8 104.8
105 225.1 42.6 82.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF124085.D

Acq: 27 May 2021 2:38

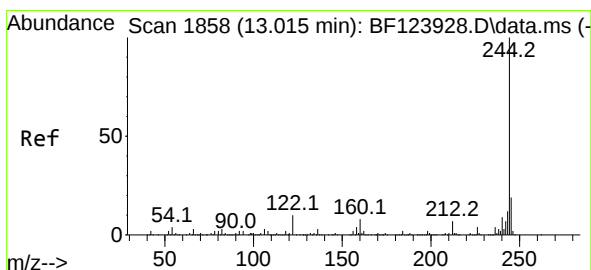
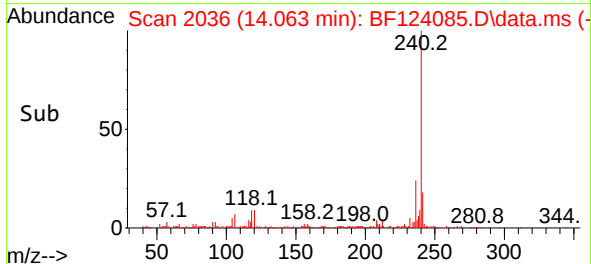
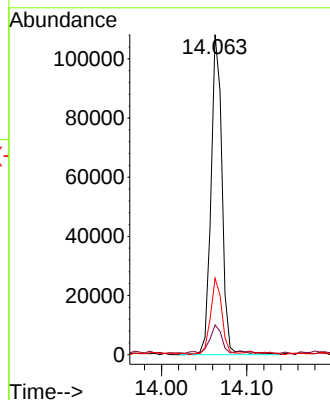
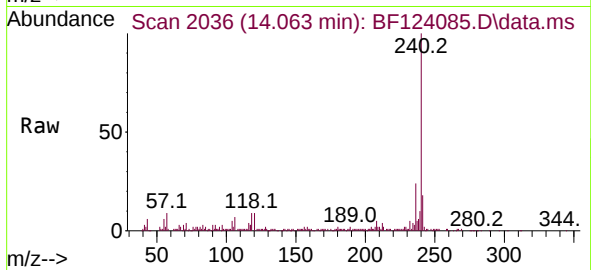
Tgt Ion:240	Resp:	97292
Ion Ratio	Lower	Upper
240	100	
120	9.3	7.2 10.8
236	23.8	19.0 28.4

Instrument :

BNA_F

ClientSampleId :

HR-03-052521



#79

Terphenyl-d14

Concen: 10.11 ng

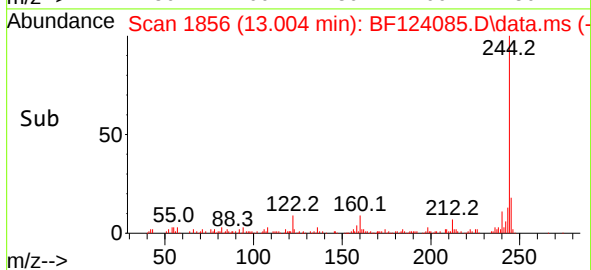
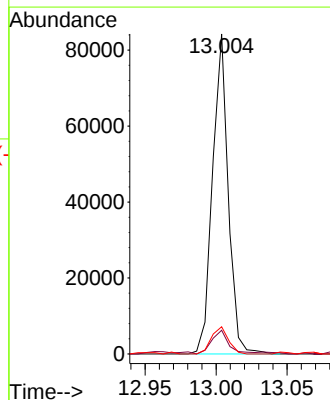
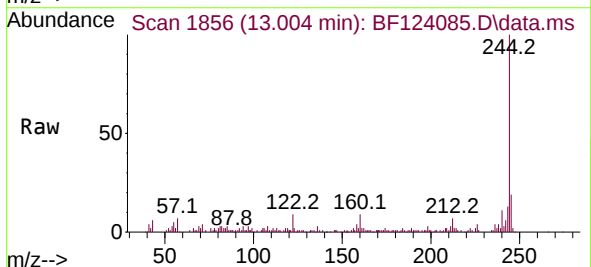
RT: 13.004 min Scan# 1856

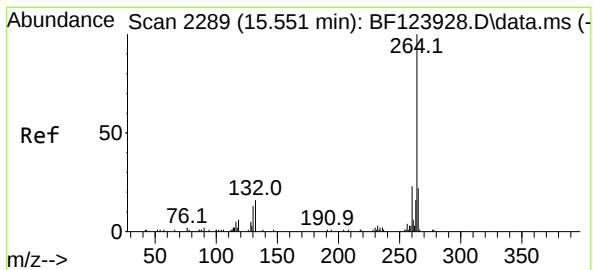
Delta R.T. -0.012 min

Lab File: BF124085.D

Acq: 27 May 2021 2:38

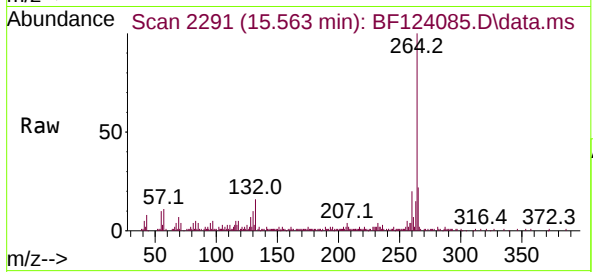
Tgt Ion:244	Resp:	64921
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.7 8.5
122	8.5	9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF124085.D
 Acq: 27 May 2021 2:38

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-052521



Tgt Ion:	264	Resp:	79105
Ion Ratio	Lower	Upper	
264	100		
260	20.3	18.7	28.1
265	21.8	17.8	26.8

