

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123831.D
 Acq On : 5 May 2021 17:04
 Operator : JU/CG
 Sample : M2119-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12016

Quant Time: May 05 17:28:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

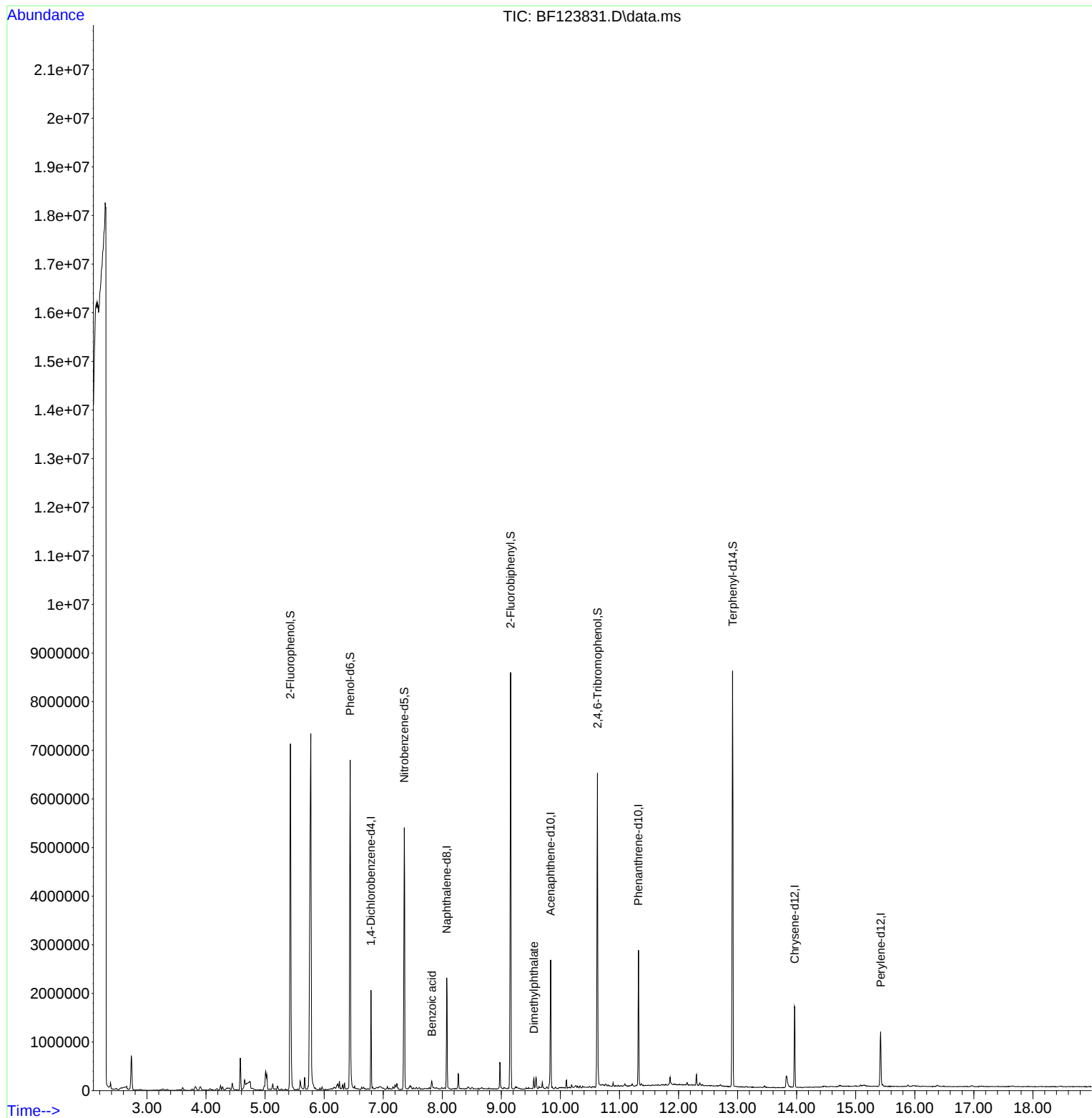
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	246798	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	948970	20.00	ng	0.00
39) Acenaphthene-d10	9.834	164	476967	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	922756	20.00	ng	0.00
76) Chrysene-d12	13.969	240	604983	20.00	ng	0.00
86) Perylene-d12	15.421	264	496633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1880573	120.72	ng	0.02
7) Phenol-d6	6.440	99	2160410	100.67	ng	0.00
23) Nitrobenzene-d5	7.357	82	1794583	85.37	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	767649	129.28	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2749733	83.96	ng	0.00
79) Terphenyl-d14	12.916	244	2879936	91.67	ng	0.00
Target Compounds						
32) Benzoic acid	7.822	122	31354	8.28	ng	94
50) Dimethylphthalate	9.551	163	76555	2.28	ng	99

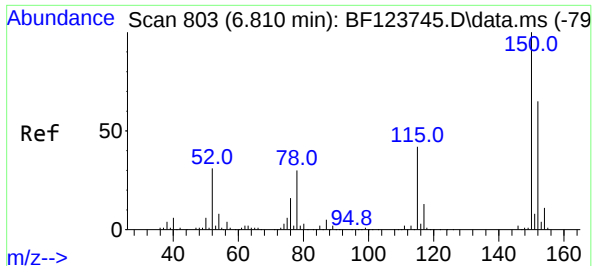
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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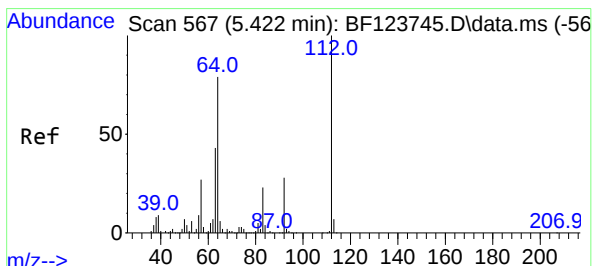
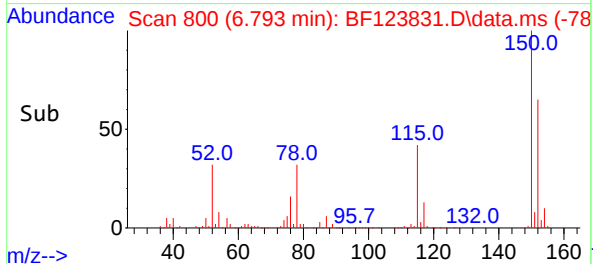
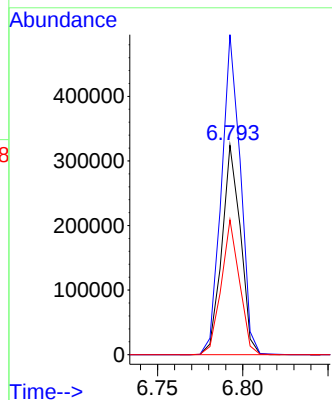
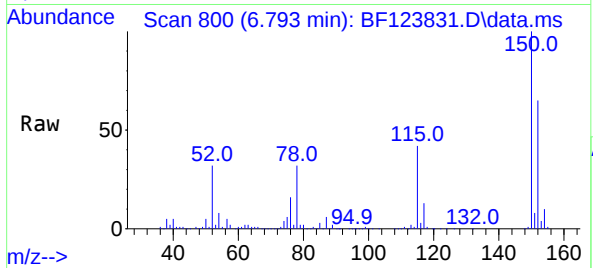




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

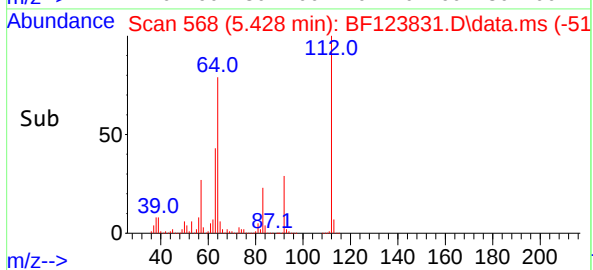
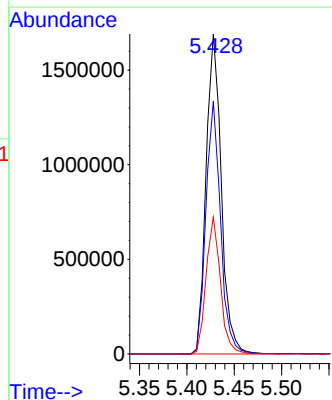
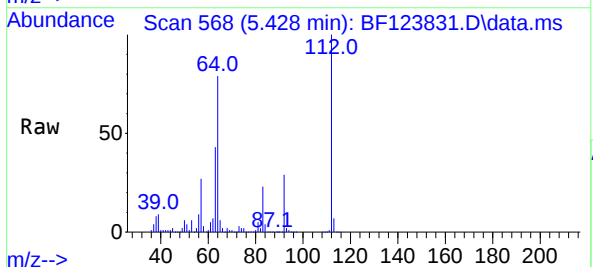
Instrument :
BNA_F
ClientSampleId :
12016

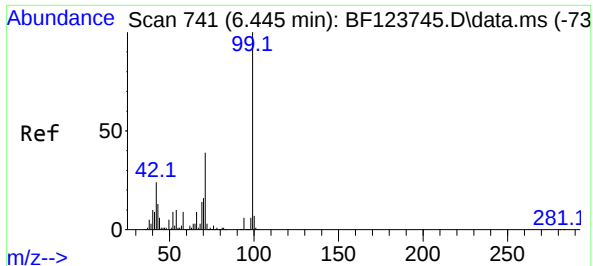
Tgt Ion:152 Resp: 246798
Ion Ratio Lower Upper
152 100
150 152.8 127.0 190.6
115 64.4 54.3 81.5



#5
2-Fluorophenol
Concen: 120.72 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.018 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Tgt Ion:112 Resp: 1880573
Ion Ratio Lower Upper
112 100
64 79.0 61.4 92.0
63 42.7 33.0 49.4



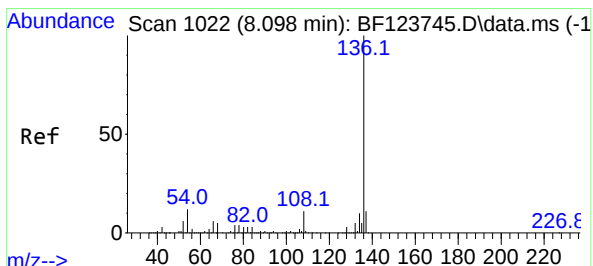
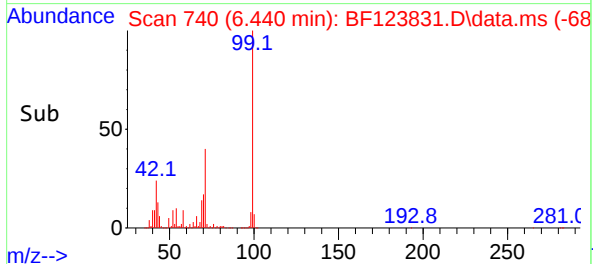
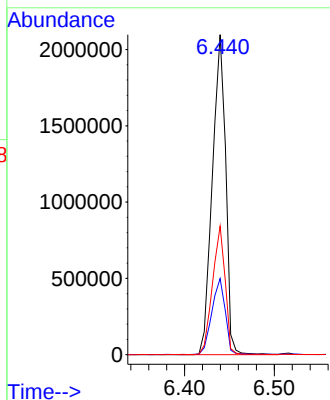
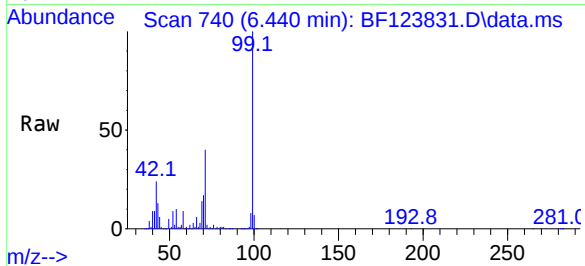


#7
Phenol-d6
Concen: 100.67 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Instrument :
BNA_F
ClientSampleId :
12016

Tgt Ion: 99 Resp: 2160410

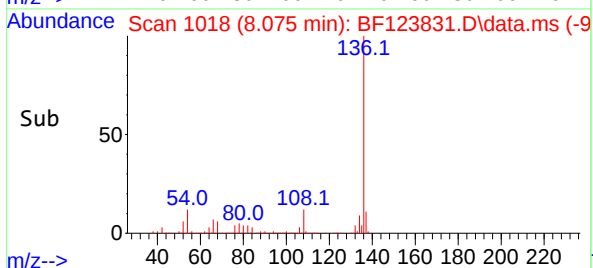
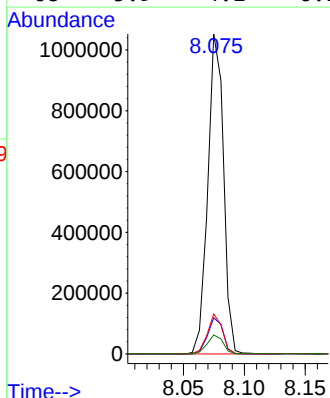
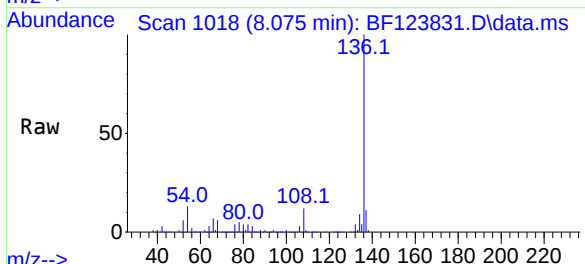
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.8	29.8
71	40.2	31.1	46.7

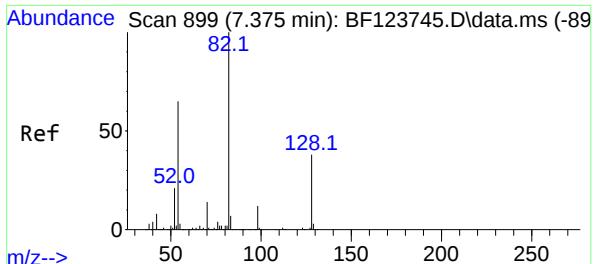


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Tgt Ion: 136 Resp: 948970

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	12.5	9.8	14.6
68	5.9	4.1	6.1





#23

Nitrobenzene-d5

Concen: 85.37 ng

RT: 7.357 min Scan# 896

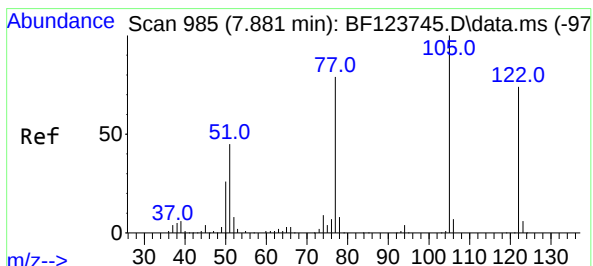
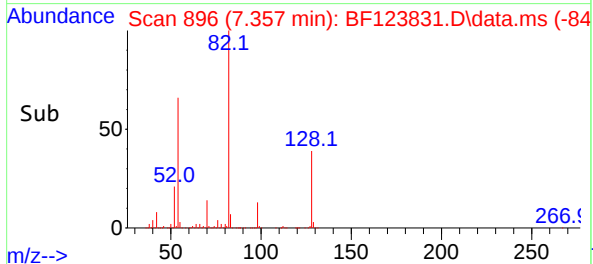
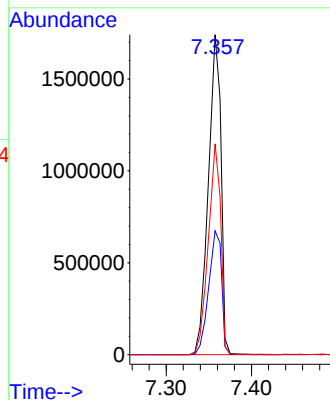
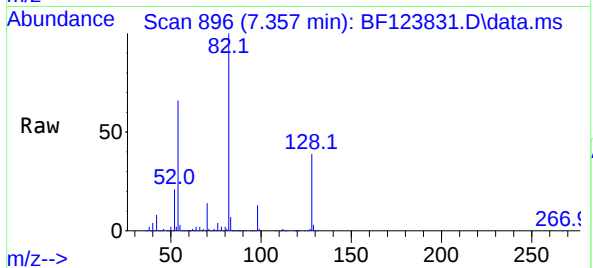
Delta R.T. -0.006 min

Lab File: BF123831.D

Acq: 5 May 2021 17:04

Tgt Ion: 82 Resp: 1794583

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.4	44.2
54	65.9	54.1	81.1



#32

Benzoic acid

Concen: 8.28 ng

RT: 7.822 min Scan# 975

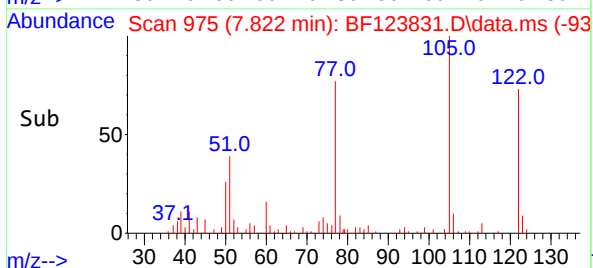
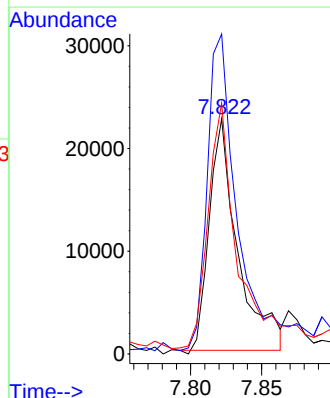
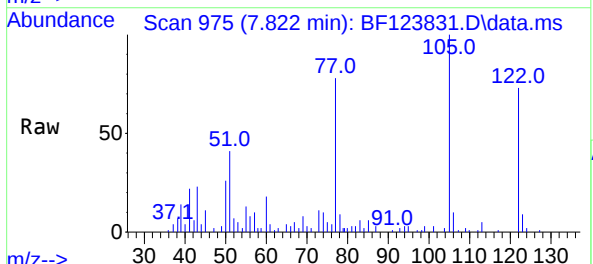
Delta R.T. -0.053 min

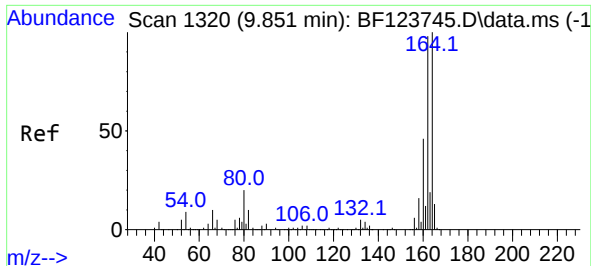
Lab File: BF123831.D

Acq: 5 May 2021 17:04

Tgt Ion: 122 Resp: 31354

Ion	Ratio	Lower	Upper
122	100		
105	136.1	107.8	147.8
77	106.6	81.6	121.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF123831.D

Acq: 5 May 2021 17:04

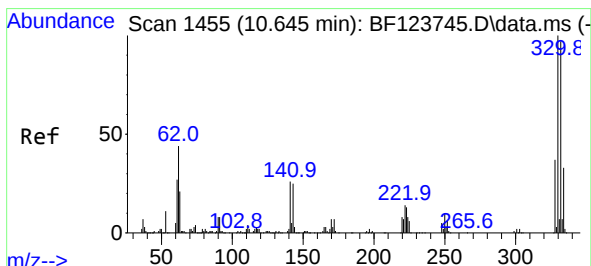
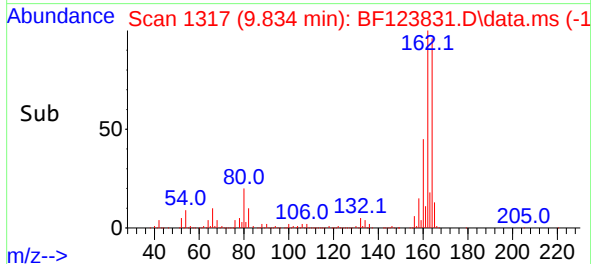
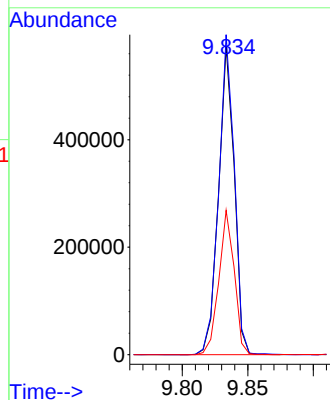
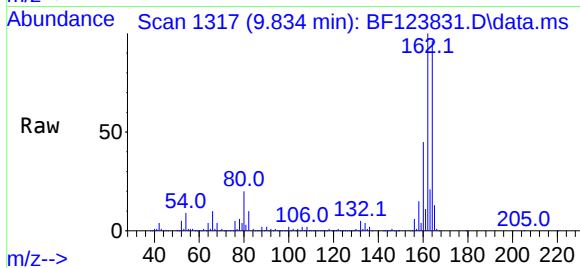
Tgt Ion:164 Resp: 476967

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

160 46.8 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 129.28 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF123831.D

Acq: 5 May 2021 17:04

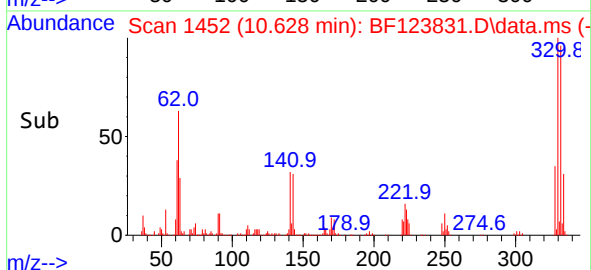
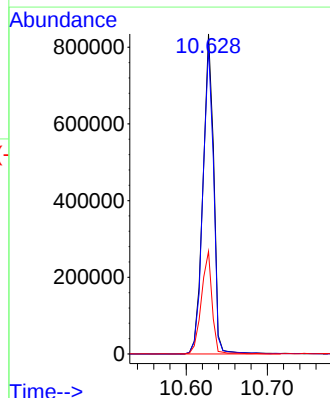
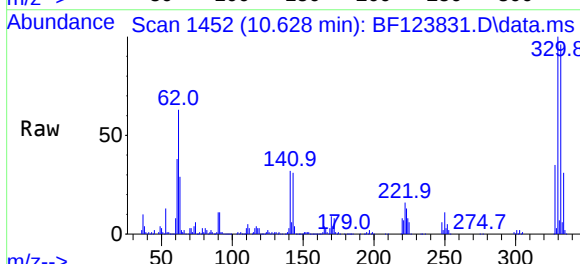
Tgt Ion:330 Resp: 767649

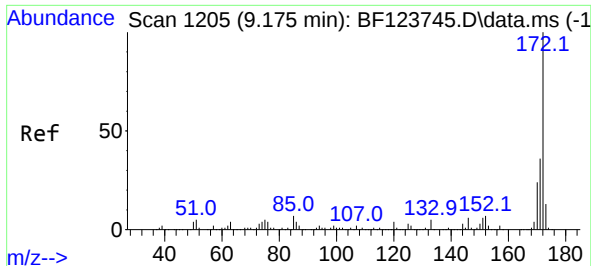
Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 32.0 27.9 41.9

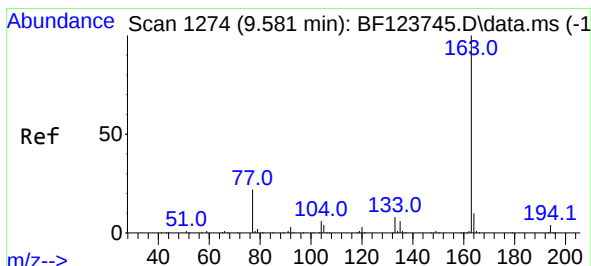
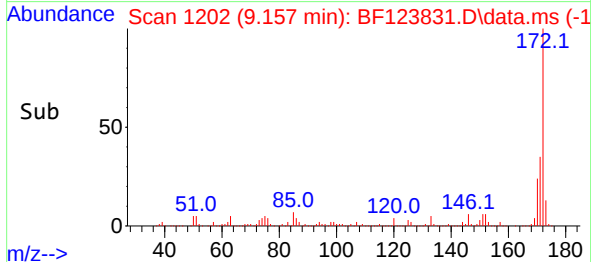
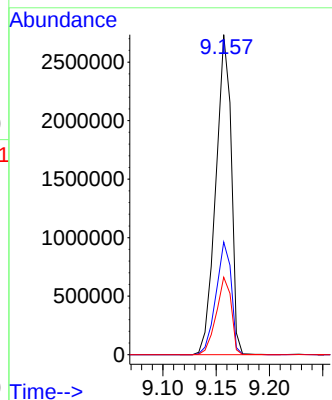
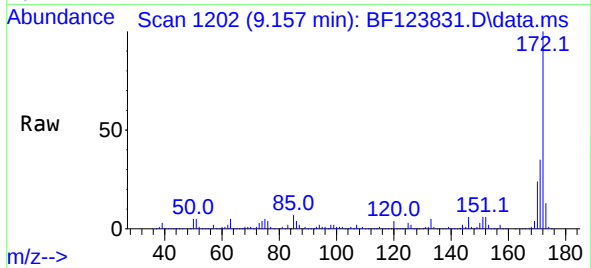




#45
2-Fluorobiphenyl
Concen: 83.96 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

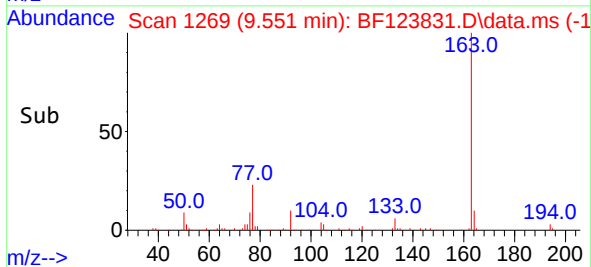
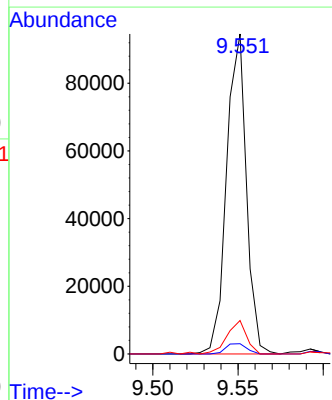
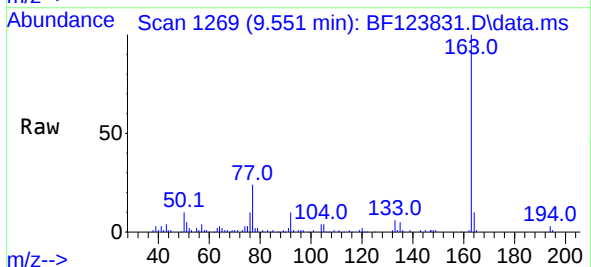
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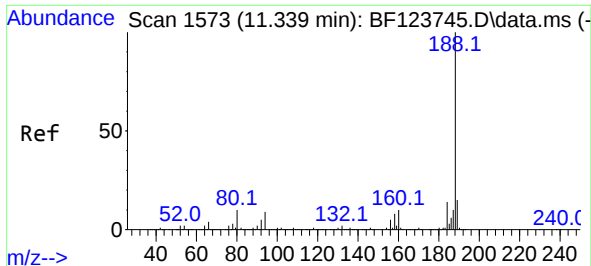
Tgt Ion:172 Resp: 2749733
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.2 19.2 28.8



#50
Dimethylphthalate
Concen: 2.28 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

Tgt Ion:163 Resp: 76555
Ion Ratio Lower Upper
163 100
194 3.2 3.1 4.7
164 10.5 8.2 12.2

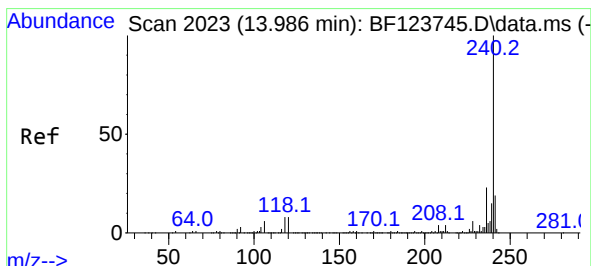
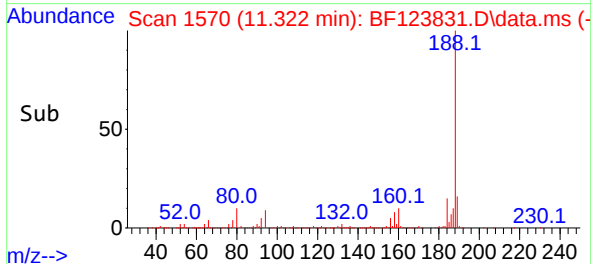
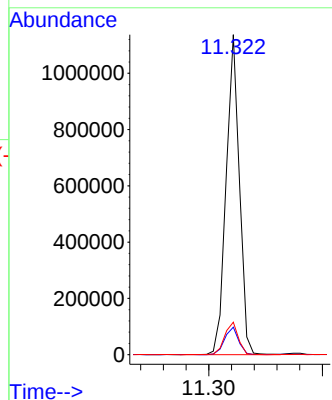
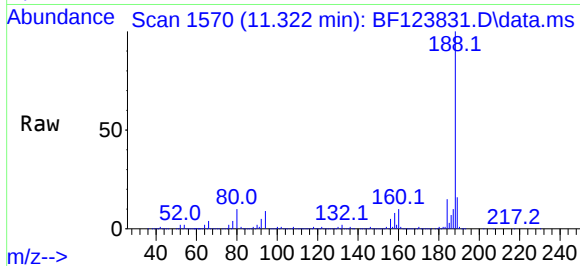




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

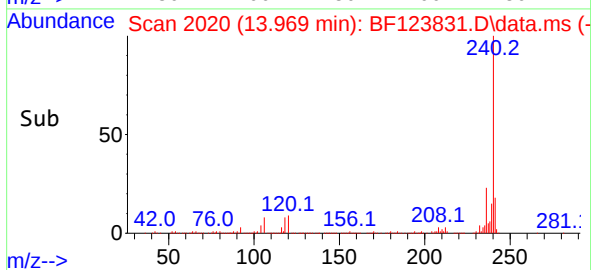
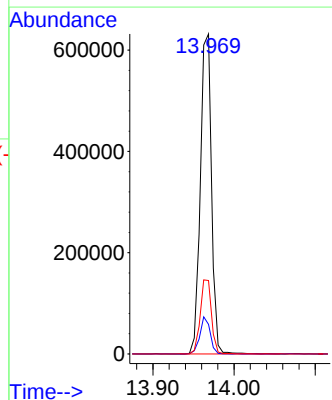
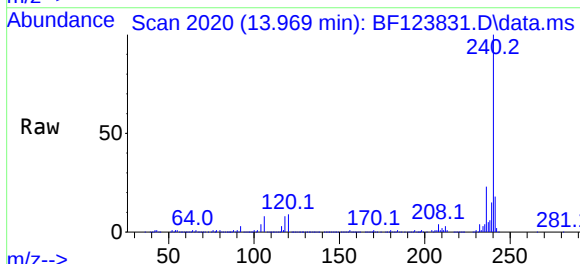
Instrument :
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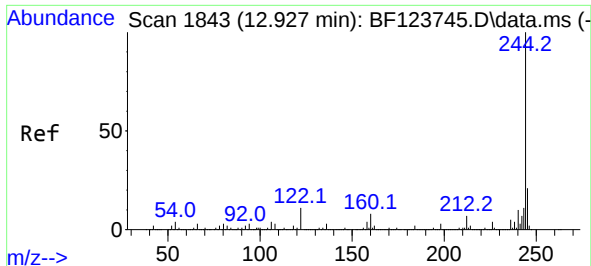
Tgt Ion:188 Resp: 922756
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 10.1 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

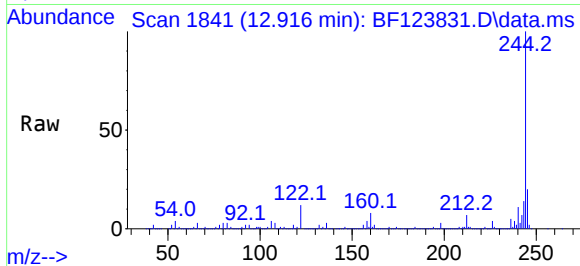
Tgt Ion:240 Resp: 604983
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 22.9 19.0 28.4





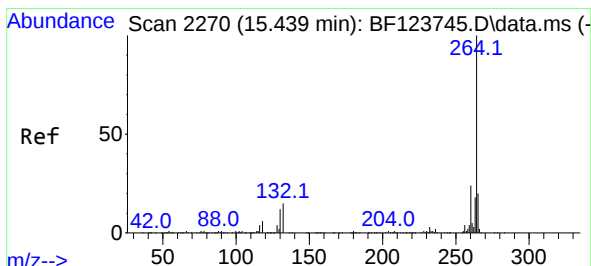
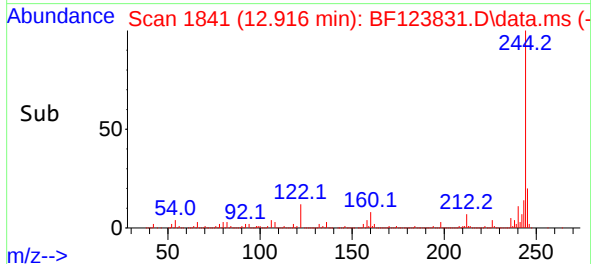
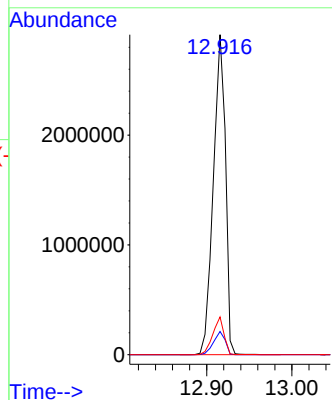
#79
Terphenyl-d14
Concen: 91.67 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04

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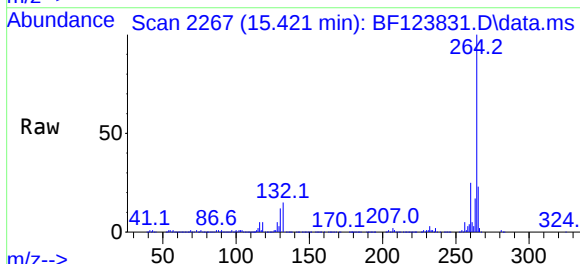


Tgt Ion:244 Resp: 2879936

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.8	9.7	14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123831.D
Acq: 5 May 2021 17:04



Tgt Ion:264 Resp: 496633

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.5	17.8	26.8

