

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063021\  
 Data File : BF124496.D  
 Acq On : 30 Jun 2021 17:05  
 Operator : JU/CG  
 Sample : M2896-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FS-03

Quant Time: Jun 30 17:28:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 29 12:49:33 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	32501	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	118998	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	76230	20.000	ng	# 0.00
64) Phenanthrene-d10	11.210	188	147890	20.000	ng	# 0.00
76) Chrysene-d12	13.857	240	122339	20.000	ng	0.00
86) Perylene-d12	15.286	264	83536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	236341	114.363	ng	0.01
7) Phenol-d6	6.345	99	265833	98.517	ng	0.00
23) Nitrobenzene-d5	7.263	82	238021	82.934	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	129559	142.255	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	495179	79.573	ng	0.00
79) Terphenyl-d14	12.804	244	718062	87.912	ng	0.00

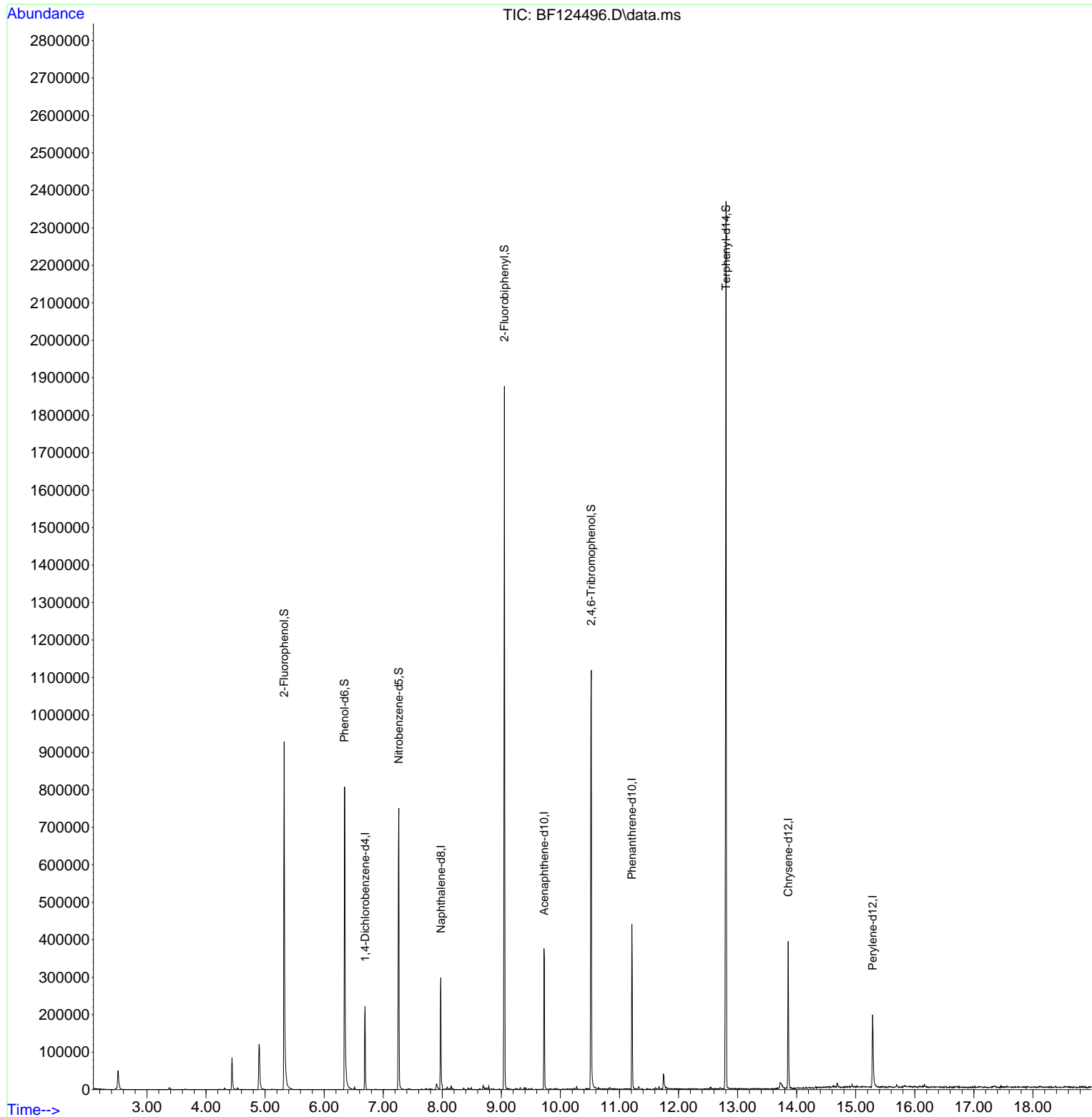
Target Compounds Qvalue

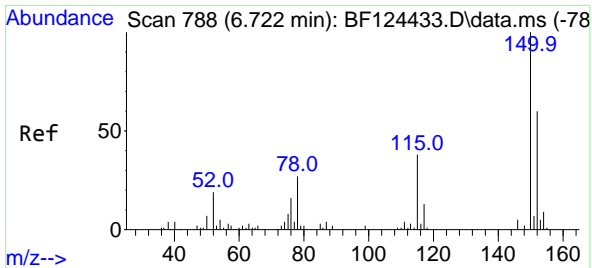
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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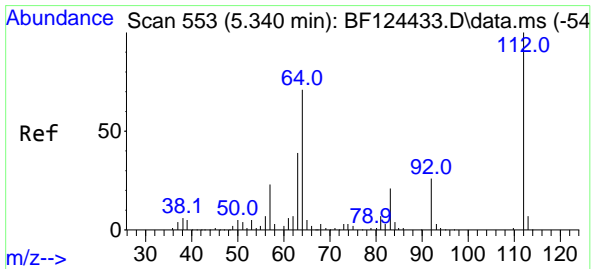
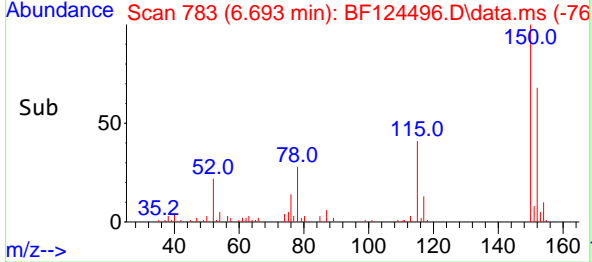
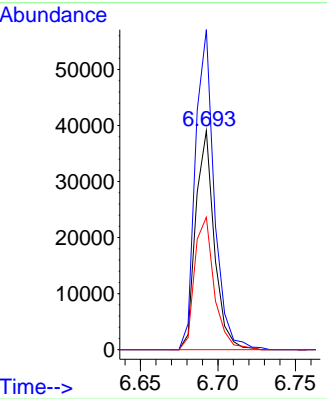
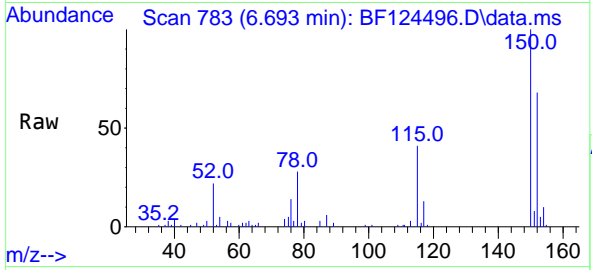


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.693 min Scan# 783  
 Delta R.T. 0.001 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

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**ClientSampled :**  
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Tgt Ion:152 Resp: 32501

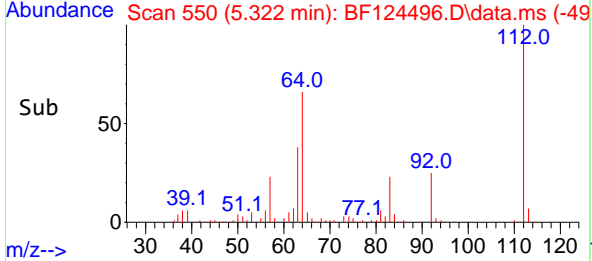
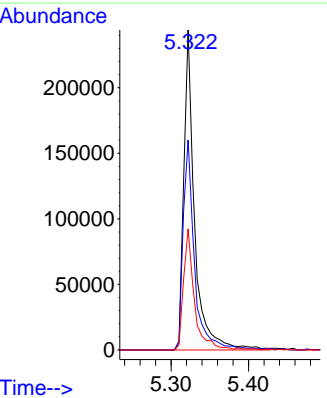
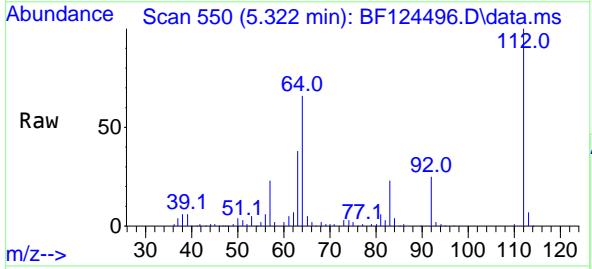
Ion	Ratio	Lower	Upper
152	100		
150	146.2	127.0	190.6
115	60.6	54.3	81.5

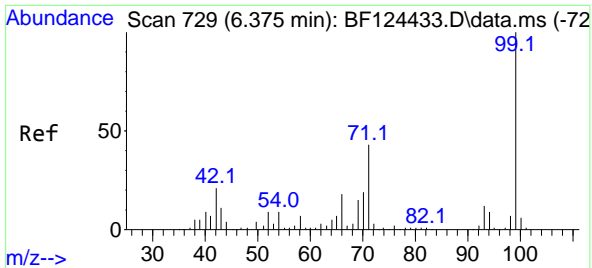


#5  
 2-Fluorophenol  
 Concen: 114.363 ng  
 RT: 5.322 min Scan# 550  
 Delta R.T. 0.012 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

Tgt Ion:112 Resp: 236341

Ion	Ratio	Lower	Upper
112	100		
64	65.6	61.4	92.0
63	37.8	33.0	49.4



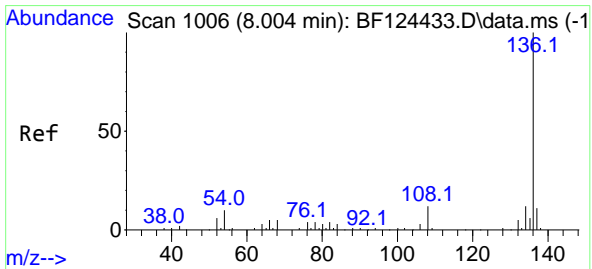
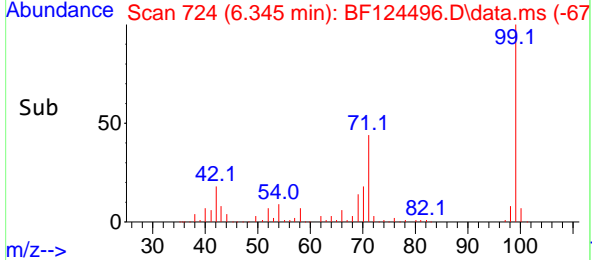
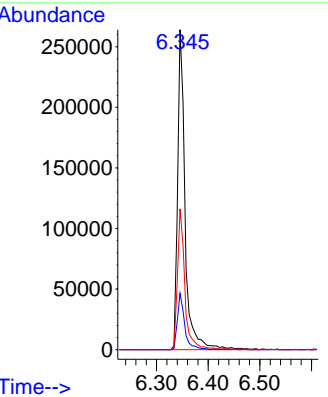
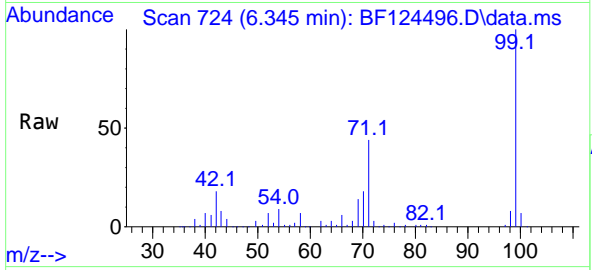


#7  
 Phenol-d6  
 Concen: 98.517 ng  
 RT: 6.345 min Scan# 724  
 Delta R.T. -0.006 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

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Tgt Ion: 99 Resp: 265833

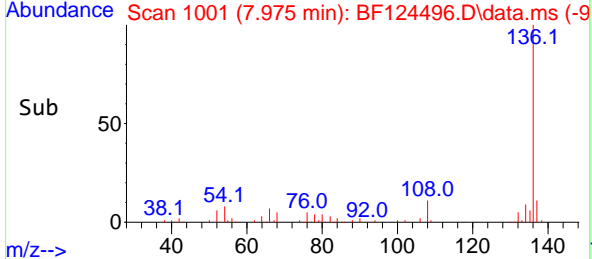
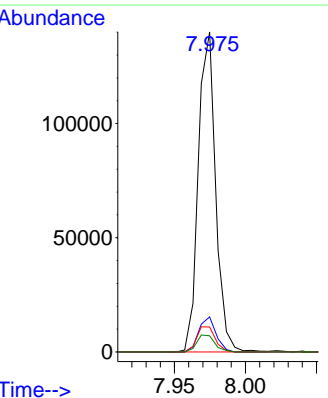
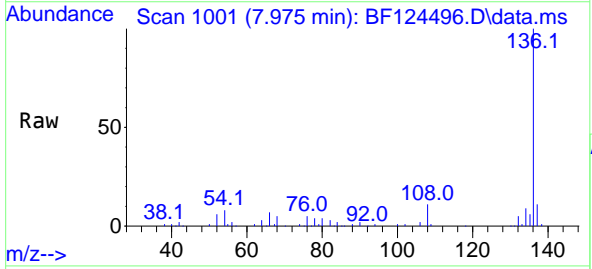
Ion	Ratio	Lower	Upper
99	100		
42	17.6	19.8	29.8#
71	44.0	31.1	46.7

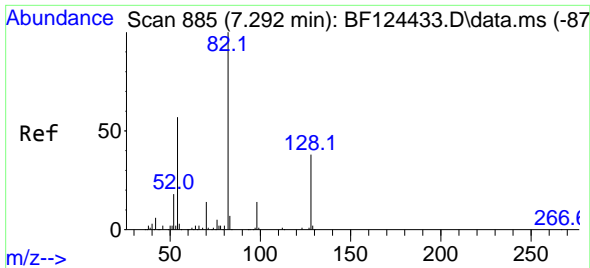


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 7.975 min Scan# 1001  
 Delta R.T. 0.000 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

Tgt Ion:136 Resp: 118998

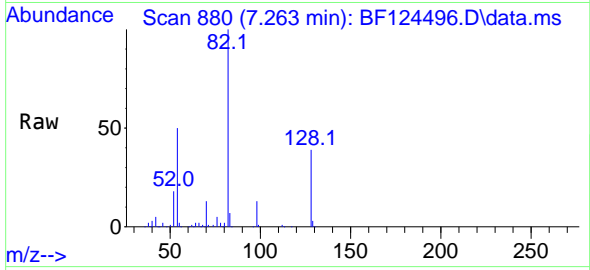
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.8	9.8	14.6#
68	5.0	4.1	6.1



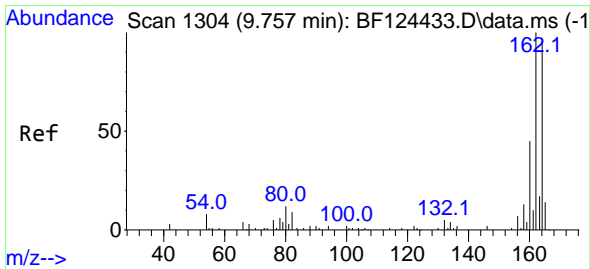
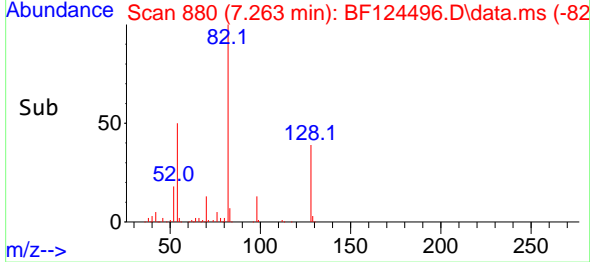
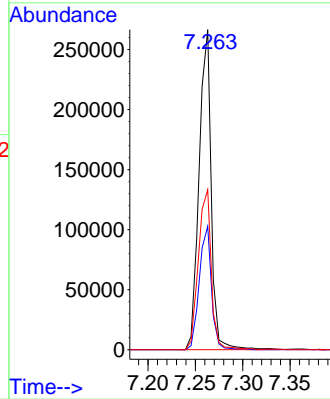


#23  
 Nitrobenzene-d5  
 Concen: 82.934 ng  
 RT: 7.263 min Scan# 880  
 Delta R.T. 0.000 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

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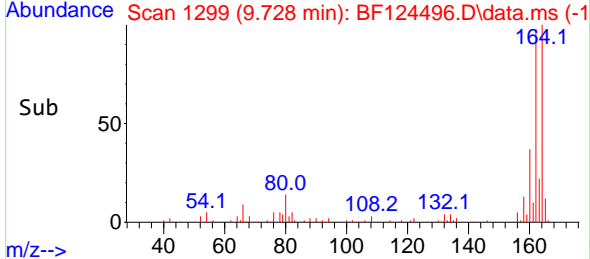
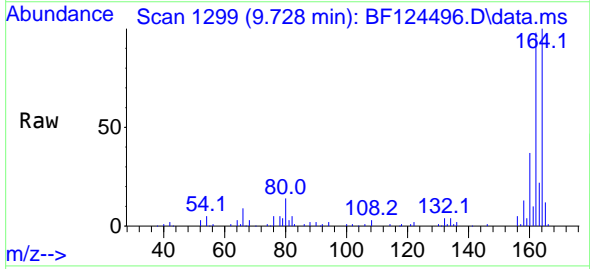
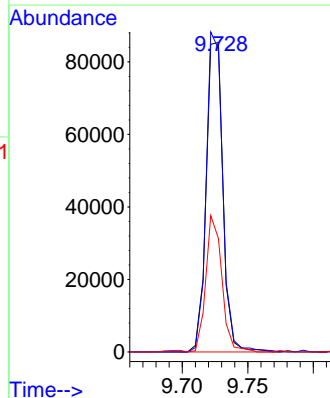


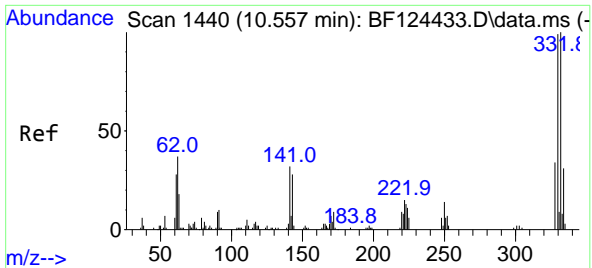
Tgt Ion: 82 Resp: 238021  
 Ion Ratio Lower Upper  
 82 100  
 128 38.6 29.4 44.2  
 54 50.0 54.1 81.1#



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.728 min Scan# 1299  
 Delta R.T. 0.000 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

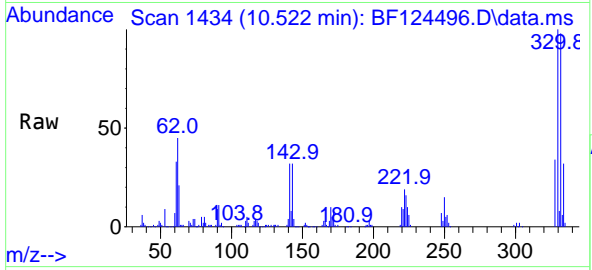
Tgt Ion: 164 Resp: 76230  
 Ion Ratio Lower Upper  
 164 100  
 162 97.9 80.7 121.1  
 160 36.7 37.3 55.9#



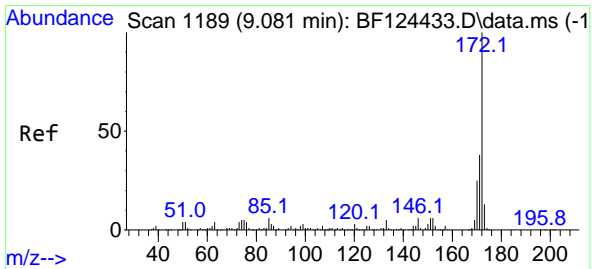
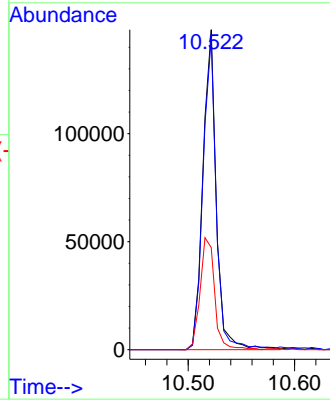
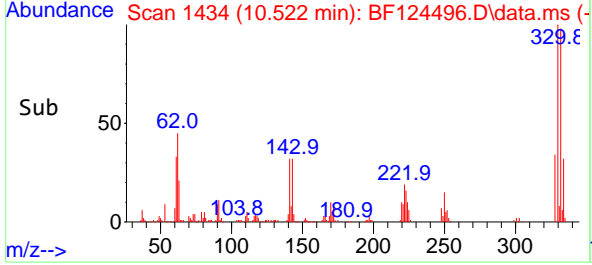


#42  
 2,4,6-Tribromophenol  
 Concen: 142.255 ng  
 RT: 10.522 min Scan# 1434  
 Delta R.T. 0.000 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

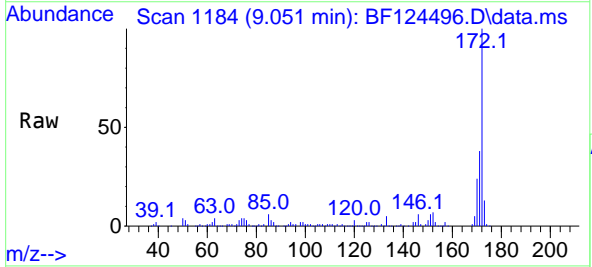
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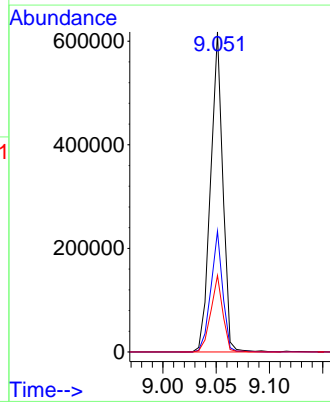
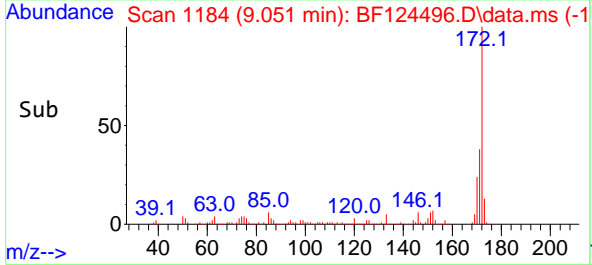
Tgt Ion:330 Resp: 129559  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.1 115.7  
 141 38.1 27.9 41.9

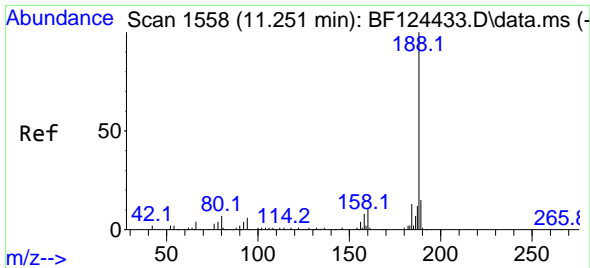


#45  
 2-Fluorobiphenyl  
 Concen: 79.573 ng  
 RT: 9.051 min Scan# 1184  
 Delta R.T. 0.000 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05



Tgt Ion:172 Resp: 495179  
 Ion Ratio Lower Upper  
 172 100  
 171 37.7 28.1 42.1  
 170 23.9 19.2 28.8

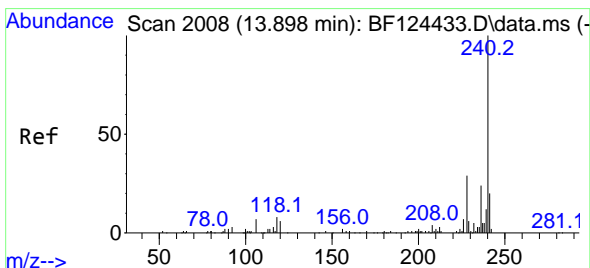
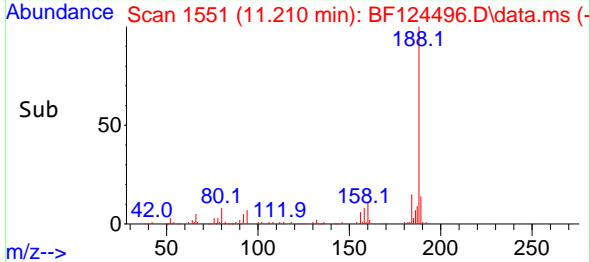
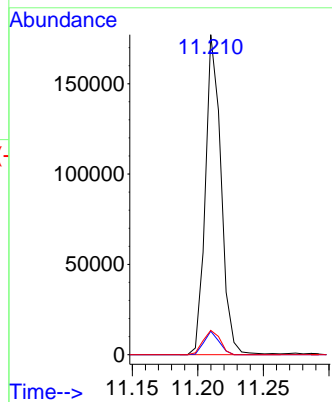
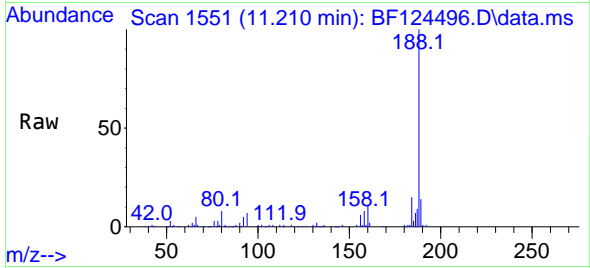




#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.210 min Scan# 1551  
 Delta R.T. -0.006 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

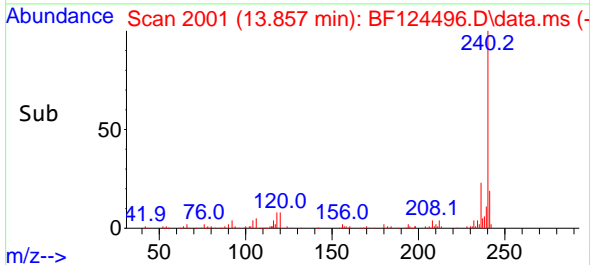
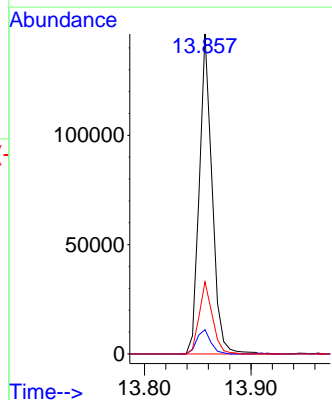
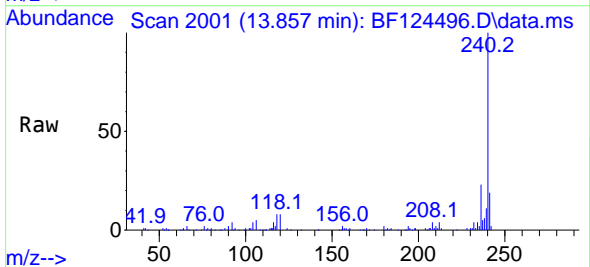
Instrument :  
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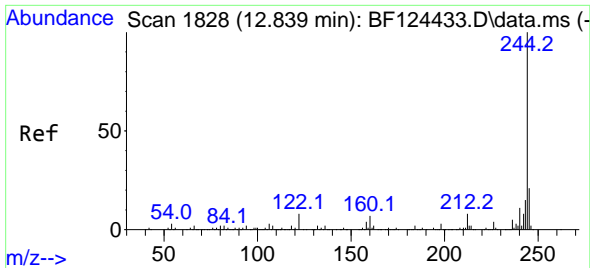
Tgt Ion:188 Resp: 147890  
 Ion Ratio Lower Upper  
 188 100  
 94 7.4 6.9 10.3  
 80 7.6 8.2 12.2#



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.857 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

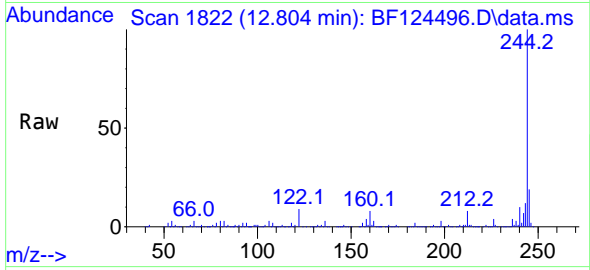
Tgt Ion:240 Resp: 122339  
 Ion Ratio Lower Upper  
 240 100  
 120 7.6 7.2 10.8  
 236 22.6 19.0 28.4





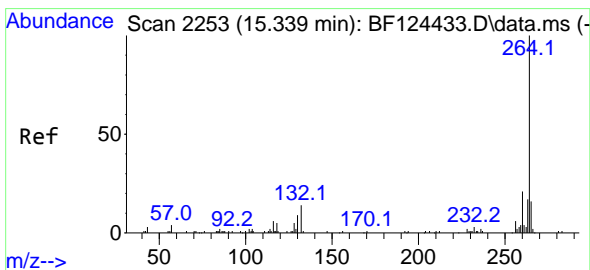
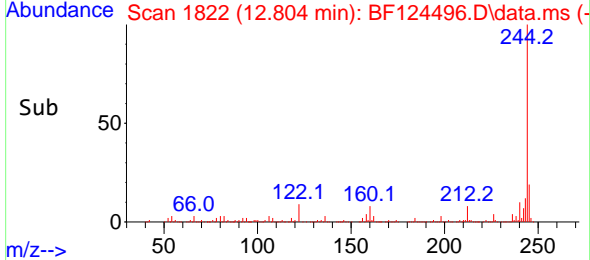
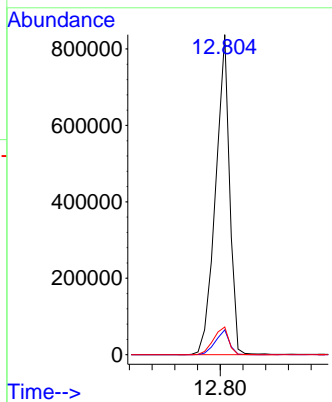
#79  
 Terphenyl-d14  
 Concen: 87.912 ng  
 RT: 12.804 min Scan# 1822  
 Delta R.T. 0.006 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05

Instrument :  
 BNA\_F  
 ClientSampled :  
 FS-03

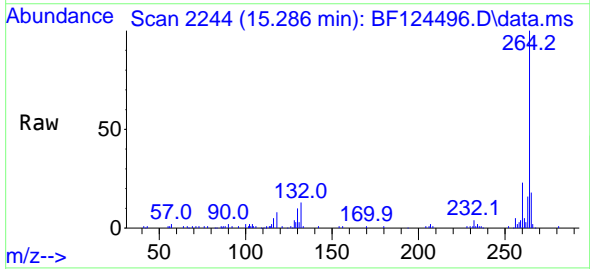


Tgt Ion:244 Resp: 718062

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	8.7	9.7	14.5#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.286 min Scan# 2244  
 Delta R.T. 0.000 min  
 Lab File: BF124496.D  
 Acq: 30 Jun 2021 17:05



Tgt Ion:264 Resp: 83536

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	17.9	17.8	26.8

