

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF083122\  
 Data File : BF130065.D  
 Acq On : 31 Aug 2022 22:46  
 Operator : CG\JU  
 Sample : PB147324BL  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147324BL

Quant Time: Sep 01 03:34:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 31 18:15:32 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	266541	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1094358	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	585408	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	991684	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	683131	20.000	ng	-0.01
86) Perylene-d12	15.245	264	517255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	2050777	130.618	ng	0.01
7) Phenol-d6	6.340	99	2528682	129.185	ng	0.00
23) Nitrobenzene-d5	7.269	82	1594677	93.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.528	330	757765	142.201	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2852861	80.797	ng	0.00
79) Terphenyl-d14	12.810	244	3088884	78.411	ng	0.00

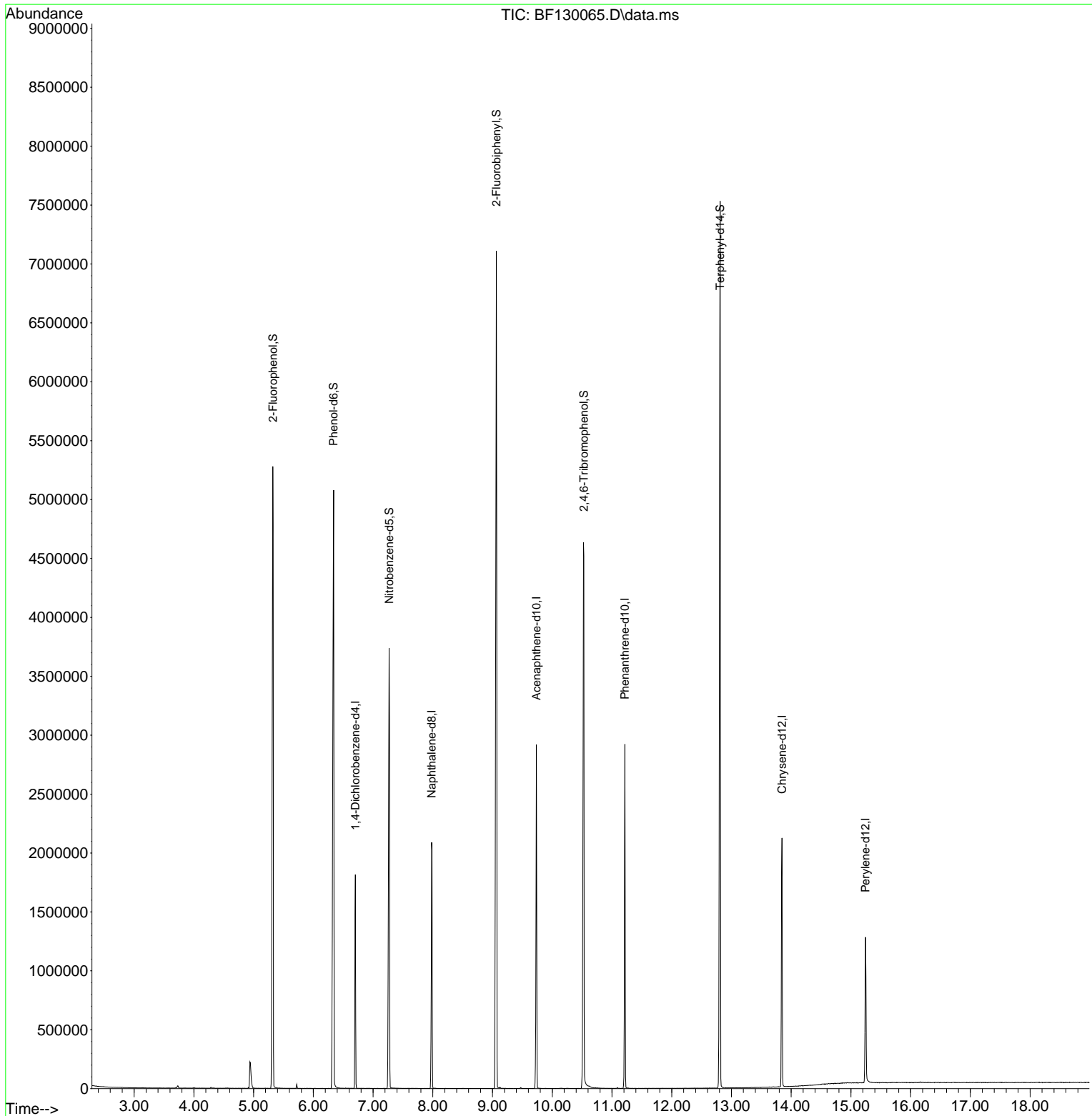
Target Compounds Qvalue

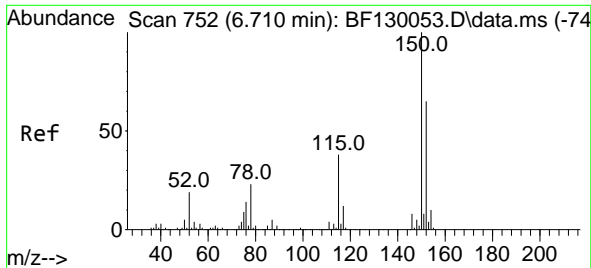
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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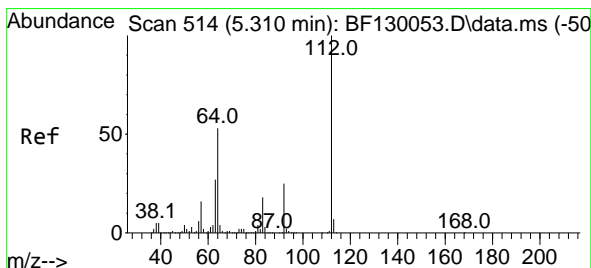
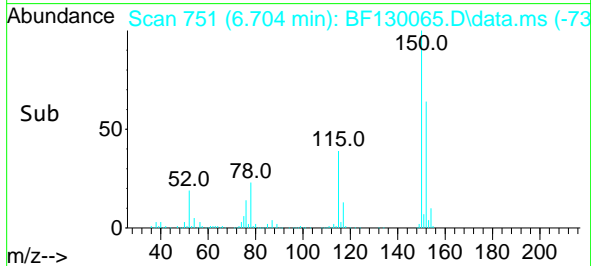
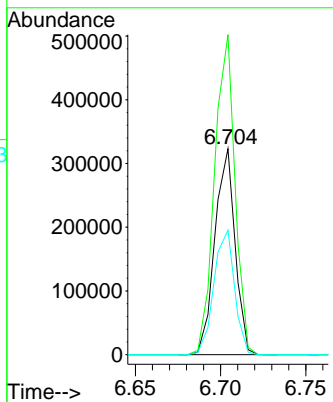
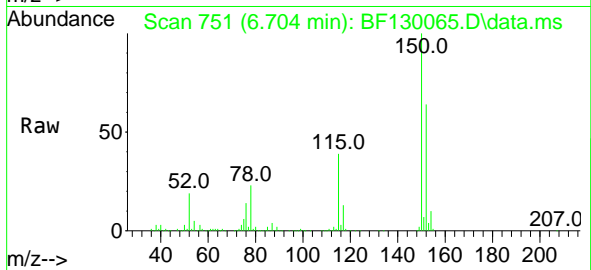




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.704 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

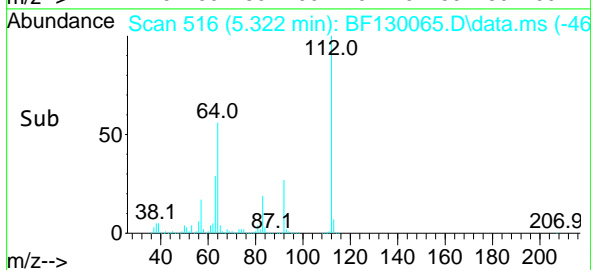
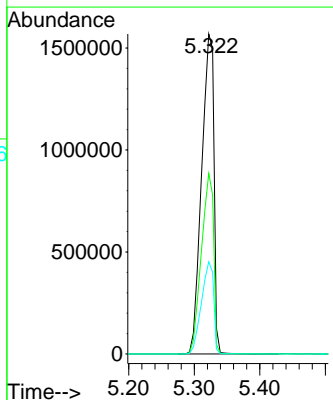
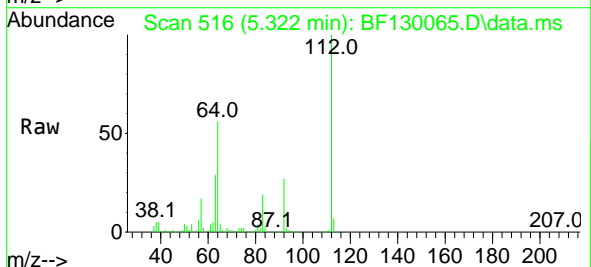
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147324BL

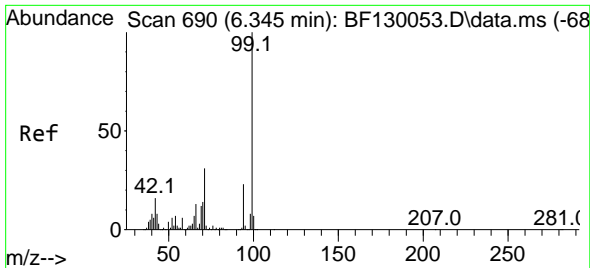
Tgt Ion:152 Resp: 266541  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 126.9 190.3  
 115 60.5 53.4 80.0



#5  
 2-Fluorophenol  
 Concen: 130.618 ng  
 RT: 5.322 min Scan# 516  
 Delta R.T. 0.012 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Tgt Ion:112 Resp: 2050777  
 Ion Ratio Lower Upper  
 112 100  
 64 56.4 47.6 71.4  
 63 28.8 24.6 37.0



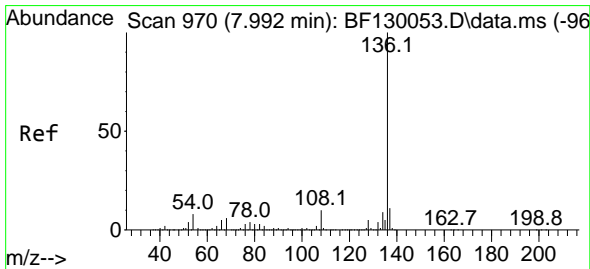
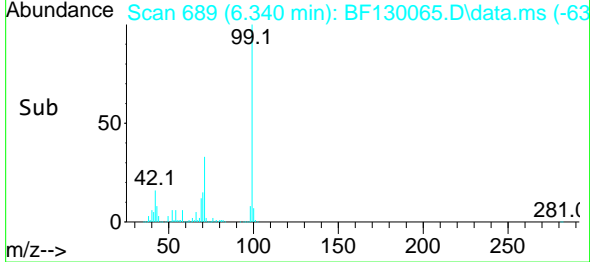
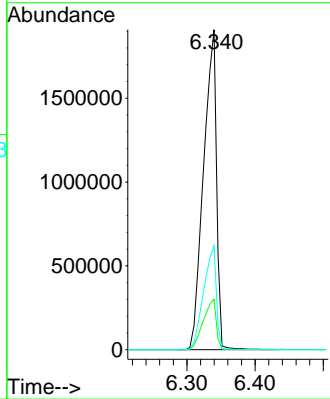
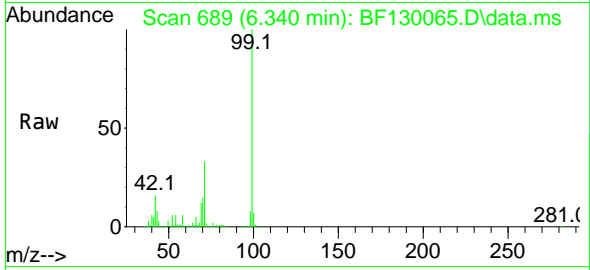


#7  
 Phenol-d6  
 Concen: 129.185 ng  
 RT: 6.340 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Instrument : BNA\_F  
 ClientSampleId : PB147324BL

Tgt Ion: 99 Resp: 2528682

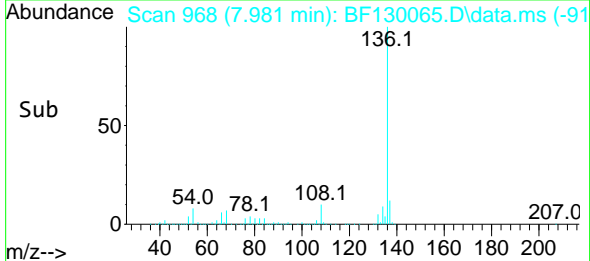
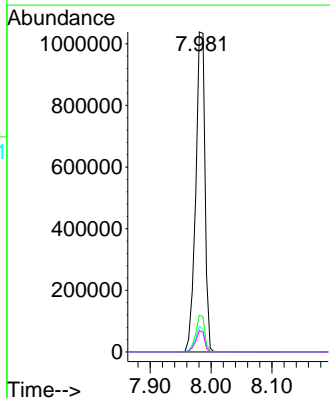
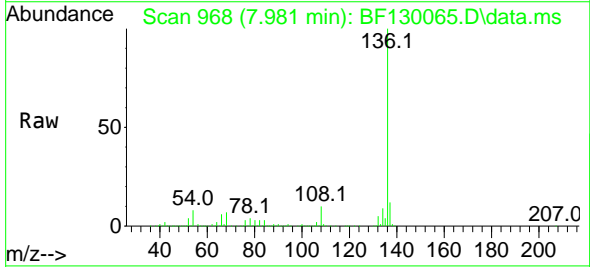
Ion	Ratio	Lower	Upper
99	100		
42	15.8	15.0	22.4
71	32.6	28.8	43.2

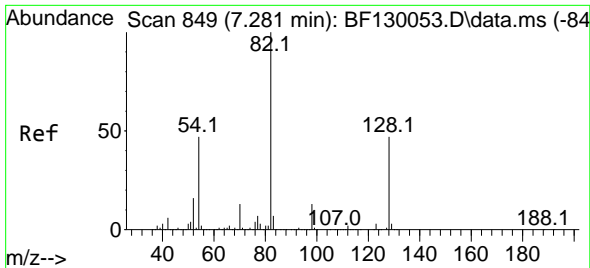


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 7.981 min Scan# 968  
 Delta R.T. -0.011 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Tgt Ion: 136 Resp: 1094358

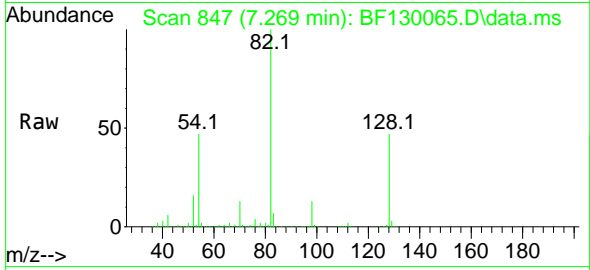
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.1	6.2	9.2
68	6.7	4.2	6.4





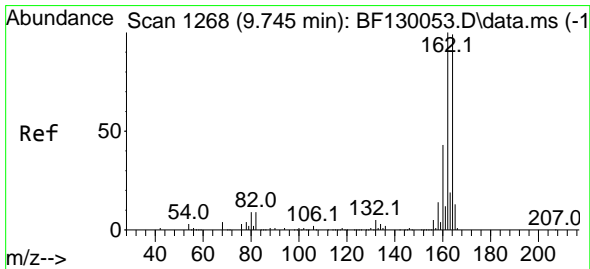
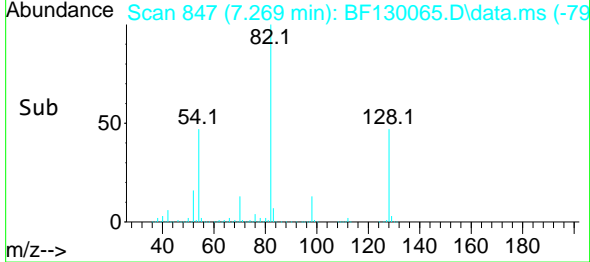
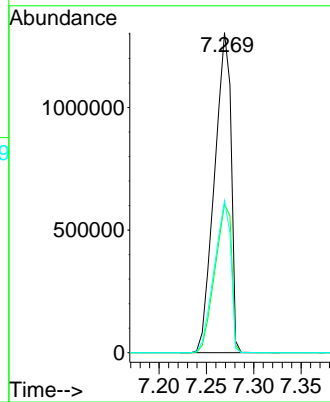
#23  
 Nitrobenzene-d5  
 Concen: 93.647 ng  
 RT: 7.269 min Scan# 84  
 Delta R.T. -0.012 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147324BL

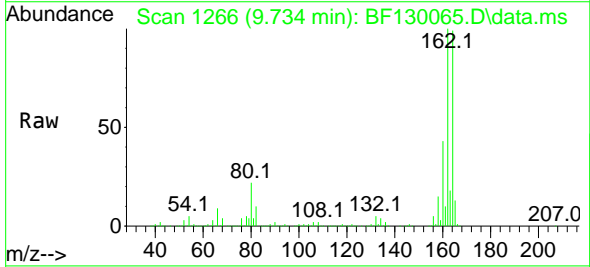


Tgt Ion: 82 Resp: 1594677

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	47.5	40.0	60.0

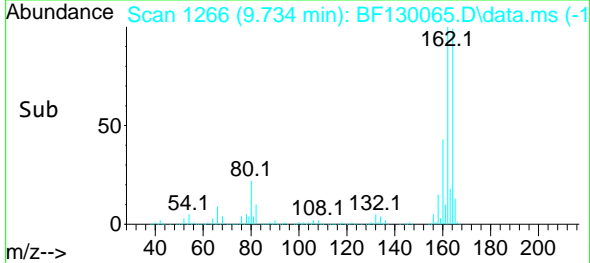
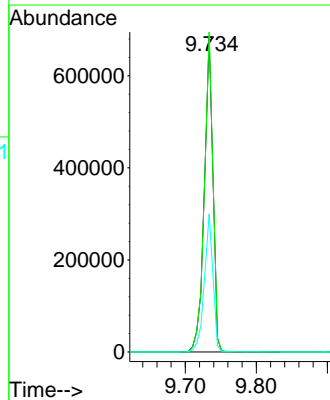


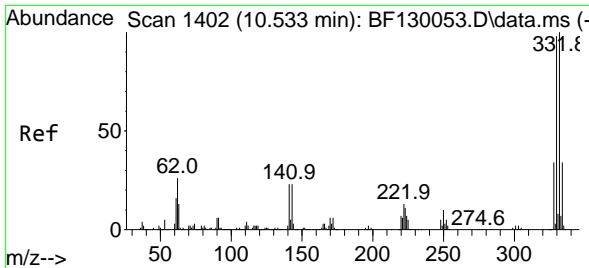
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.734 min Scan# 1266  
 Delta R.T. -0.011 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46



Tgt Ion: 164 Resp: 585408

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.0	123.0
160	43.7	35.4	53.0



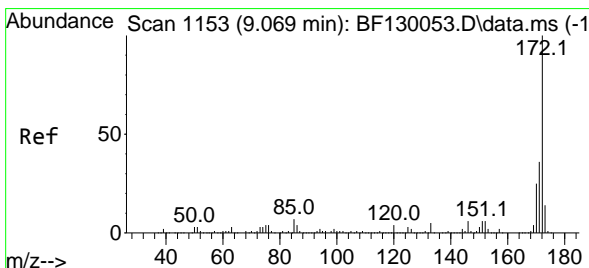
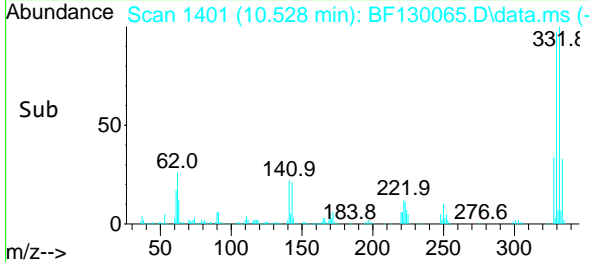
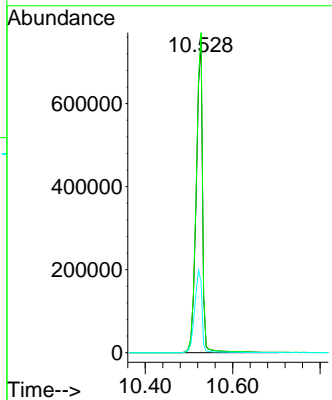
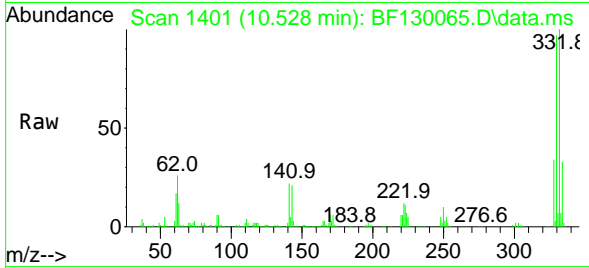


#42  
 2,4,6-Tribromophenol  
 Concen: 142.201 ng  
 RT: 10.528 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB147324BL

Tgt Ion:330 Resp: 757765

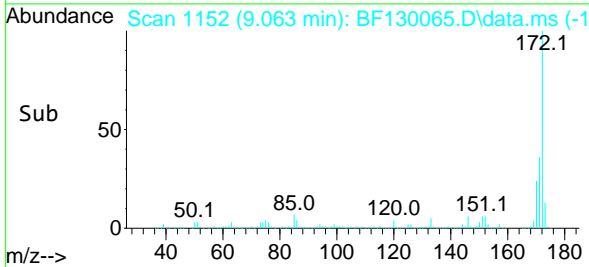
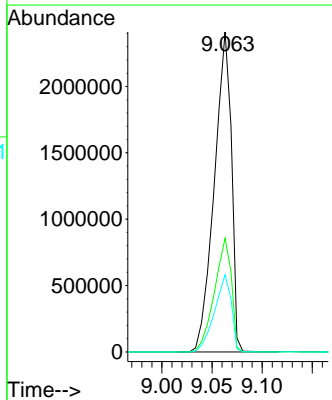
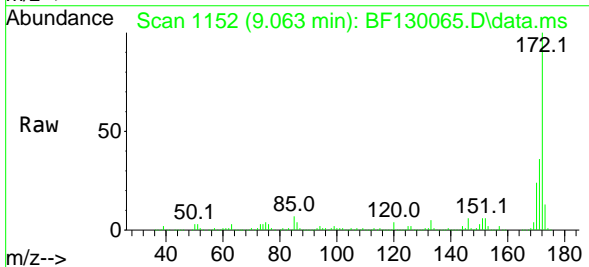
Ion	Ratio	Lower	Upper
330	100		
332	102.1	82.6	124.0
141	30.6	27.6	41.4

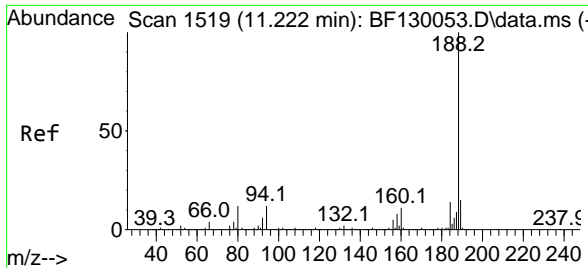


#45  
 2-Fluorobiphenyl  
 Concen: 80.797 ng  
 RT: 9.063 min Scan# 1152  
 Delta R.T. -0.006 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Tgt Ion:172 Resp: 2852861

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.4	42.6
170	24.1	19.1	28.7



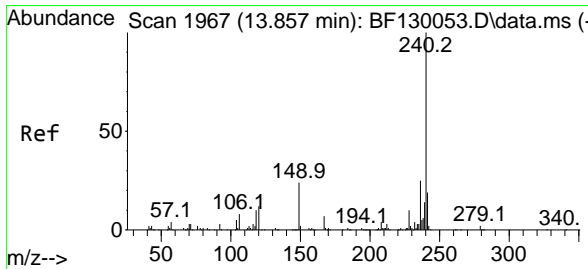
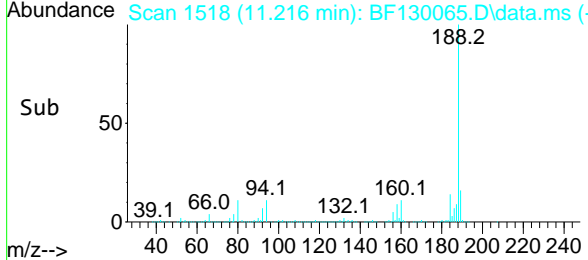
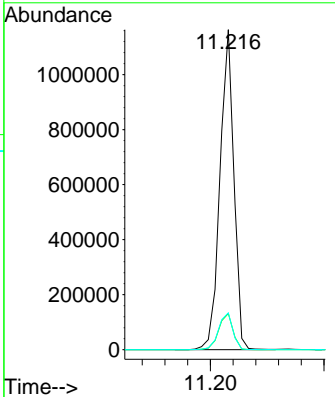
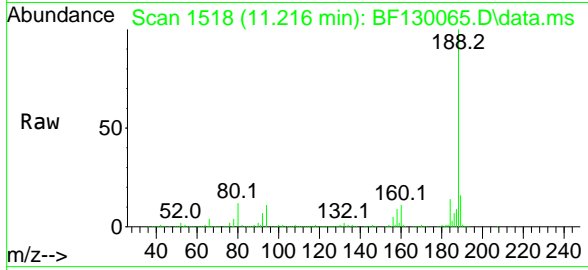


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.216 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Instrument : BNA\_F  
 ClientSampleId : PB147324BL

Tgt Ion:188 Resp: 991684

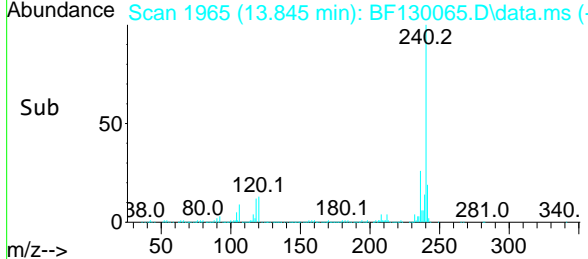
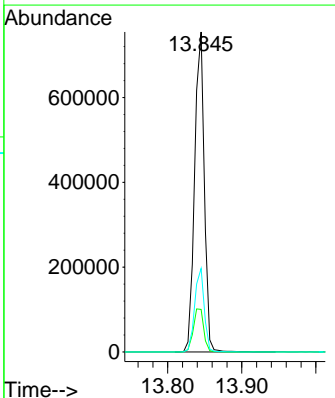
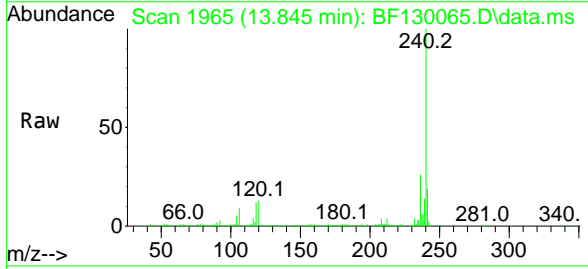
Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.4	11.2
80	11.5	7.9	11.9

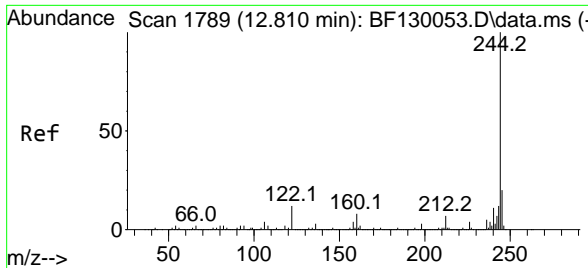


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.845 min Scan# 1965  
 Delta R.T. -0.012 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Tgt Ion:240 Resp: 683131

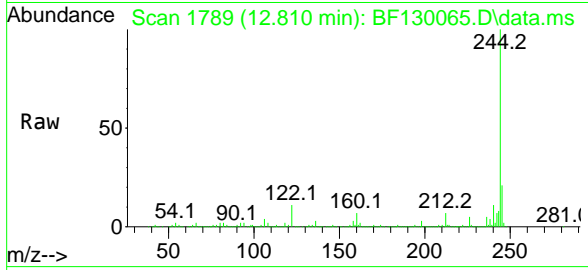
Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.2	13.8
236	26.1	20.7	31.1





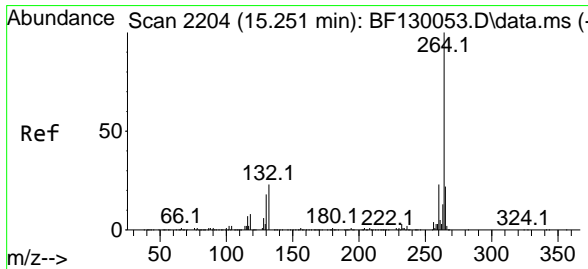
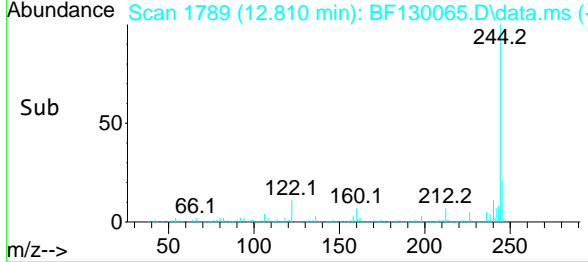
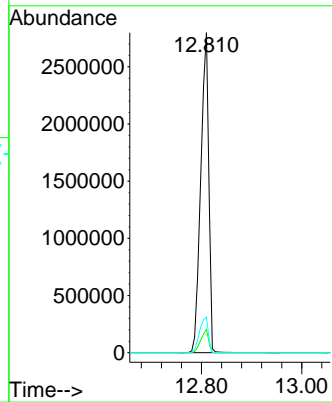
#79  
 Terphenyl-d14  
 Concen: 78.411 ng  
 RT: 12.810 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Instrument : BNA\_F  
 Client Sample Id : PB147324BL



Tgt Ion: 244 Resp: 3088884

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.1	9.9	14.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.245 min Scan# 2203  
 Delta R.T. -0.006 min  
 Lab File: BF130065.D  
 Acq: 31 Aug 2022 22:46

Tgt Ion: 264 Resp: 517255

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	21.8	16.7	25.1

