

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072723\  
 Data File : BF134504.D  
 Acq On : 27 Jul 2023 14:13  
 Operator : CG\JU  
 Sample : 03738-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 80001

Quant Time: Jul 27 14:45:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 27 12:16:03 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	95966	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	222682	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	116737	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	234865	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	149698	20.000	ng	-0.01
86) Perylene-d12	15.504	264	162699	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	738304	127.109	ng	0.01
7) Phenol-d6	6.469	99	865001	121.550	ng	0.00
23) Nitrobenzene-d5	7.387	82	651908	148.117	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	236183	142.397	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	797791	89.717	ng	0.00
79) Terphenyl-d14	12.951	244	959132	111.847	ng	0.00

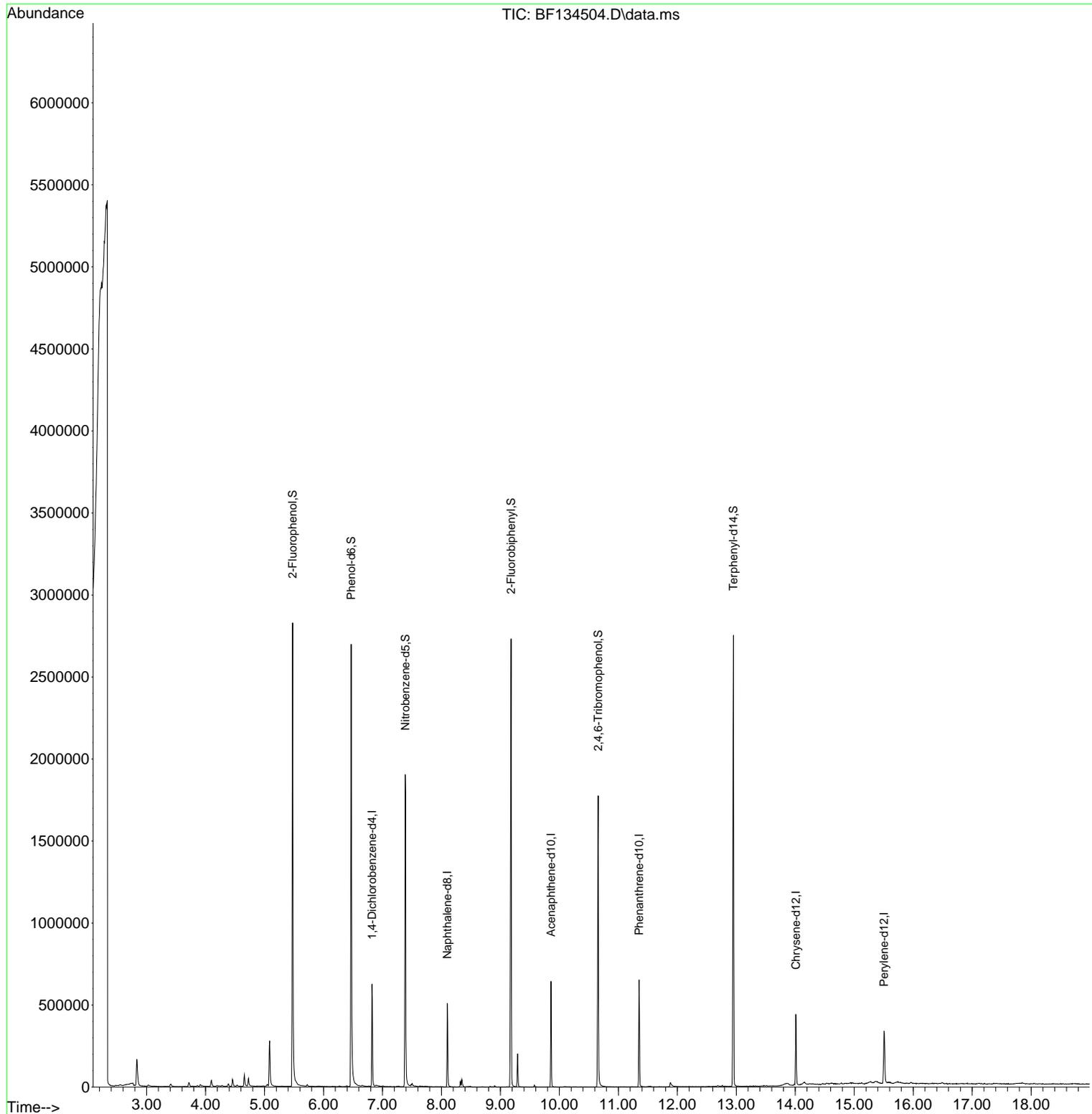
Target Compounds Qvalue

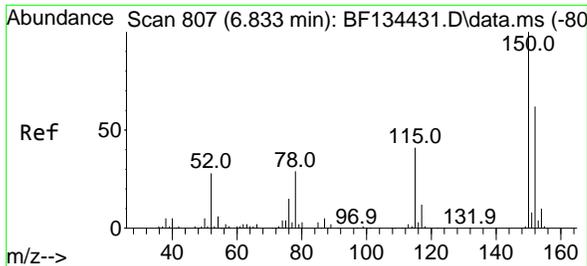
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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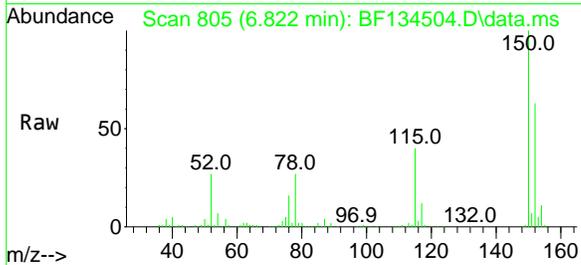
Quant Time: Jul 27 14:45:17 2023  
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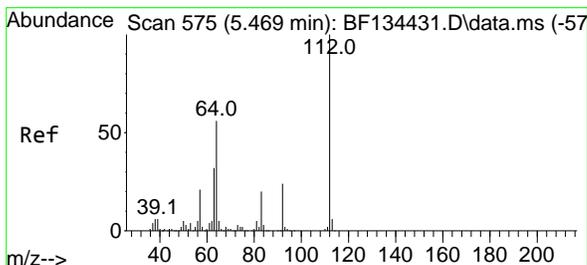
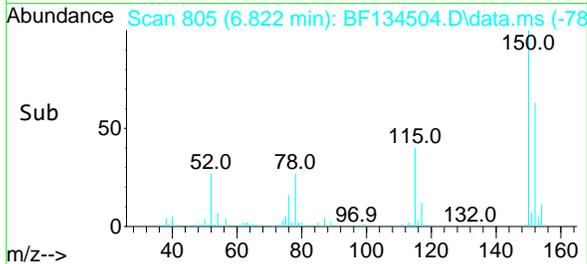
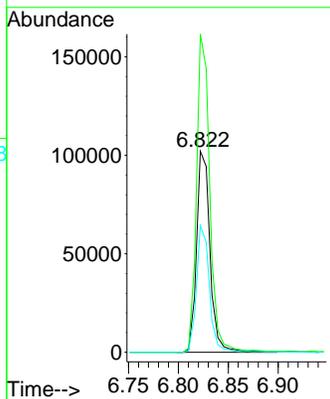


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.822 min Scan# 80  
 Delta R.T. -0.006 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 80001

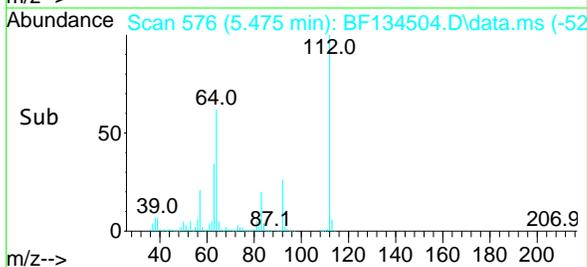
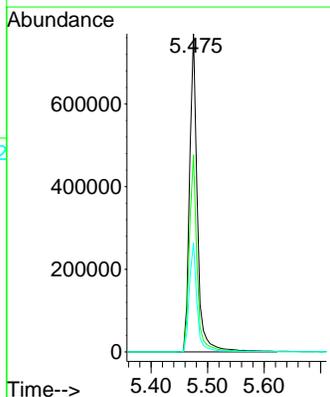
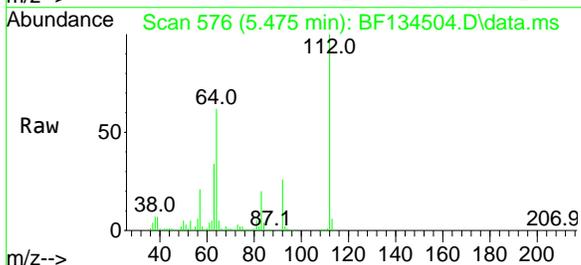


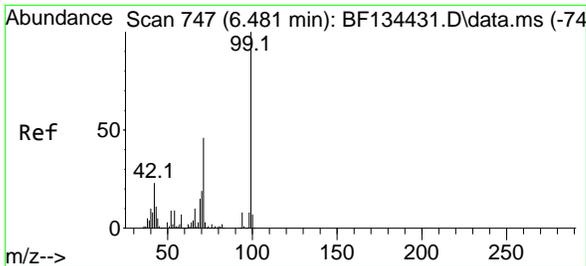
Tgt Ion:152 Resp: 95966  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 128.3 192.5  
 115 63.0 52.4 78.6



#5  
 2-Fluorophenol  
 Concen: 127.109 ng  
 RT: 5.475 min Scan# 576  
 Delta R.T. 0.012 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Tgt Ion:112 Resp: 738304  
 Ion Ratio Lower Upper  
 112 100  
 64 62.0 44.9 67.3  
 63 34.3 25.4 38.0

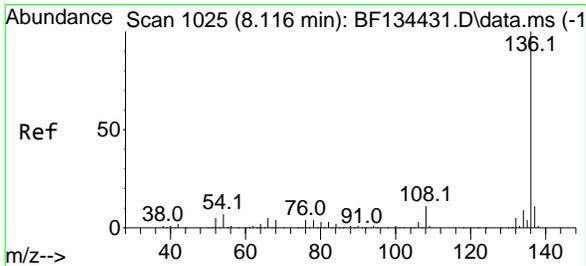
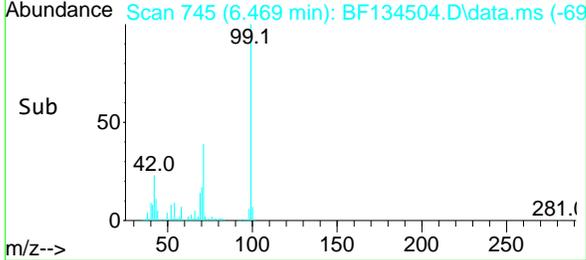
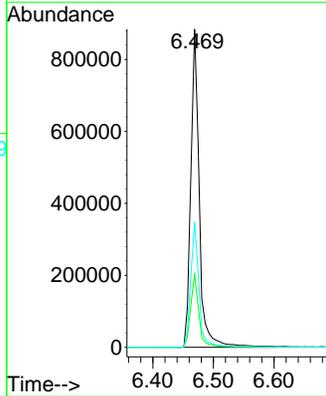
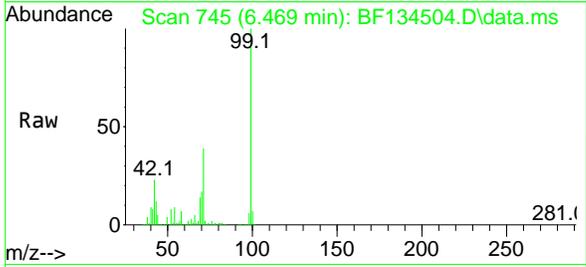




#7  
 Phenol-d6  
 Concen: 121.550 ng  
 RT: 6.469 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

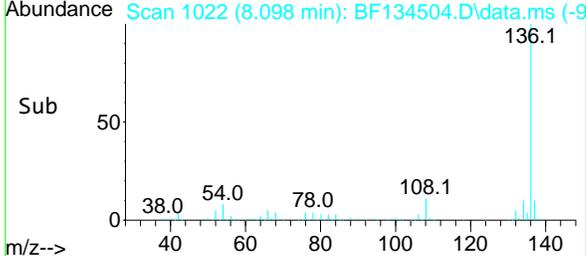
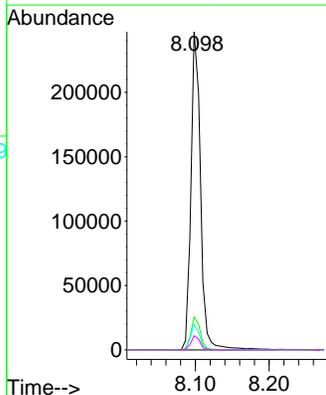
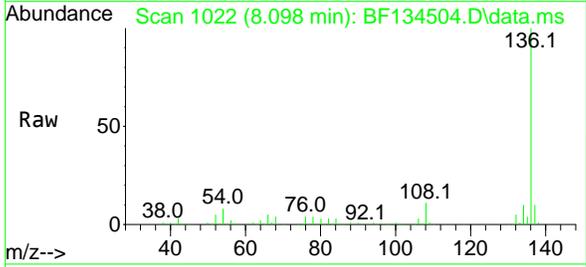
Instrument :  
 BNA\_F  
 ClientSampleId :  
 80001

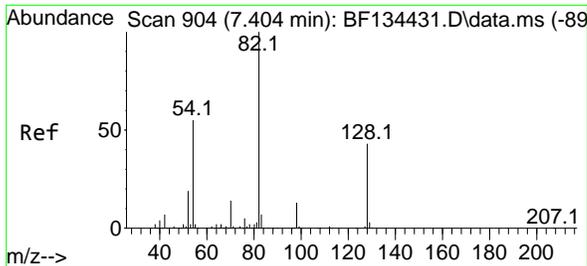
Tgt Ion	Resp	Lower	Upper
99	865001		
42	22.8	18.7	28.1
71	39.3	36.4	54.6



#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.098 min Scan# 1022  
 Delta R.T. -0.006 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

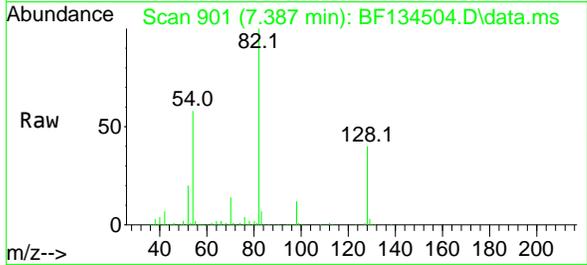
Tgt Ion	Resp	Lower	Upper
136	222682		
137	10.4	8.4	12.6
54	8.0	5.2	7.8#
68	4.5	2.9	4.3#





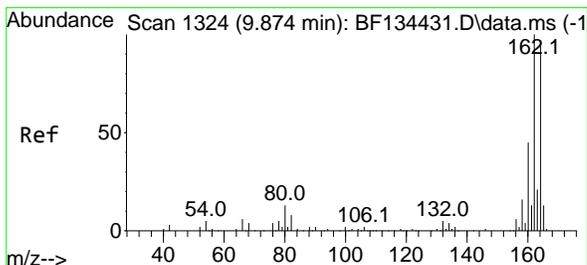
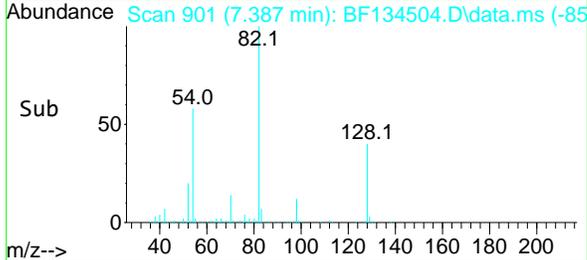
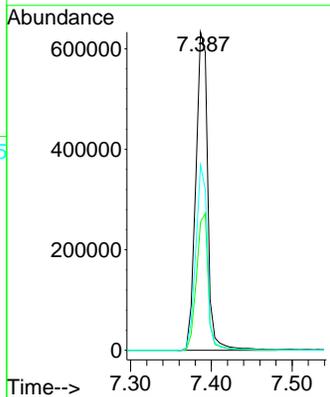
#23  
 Nitrobenzene-d5  
 Concen: 148.117 ng  
 RT: 7.387 min Scan# 901  
 Delta R.T. -0.006 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 80001



Tgt Ion: 82 Resp: 651908

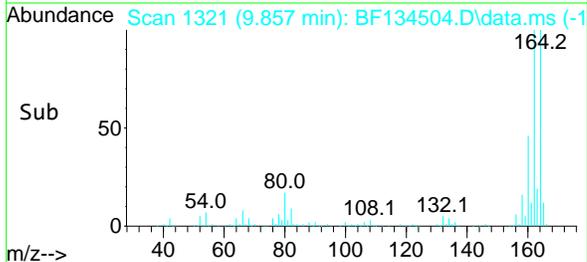
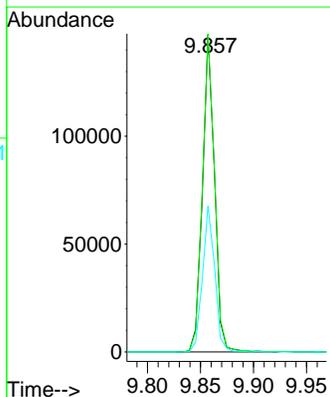
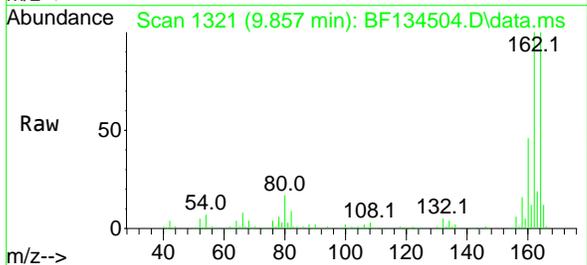
Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.3	51.5
54	58.3	43.8	65.6

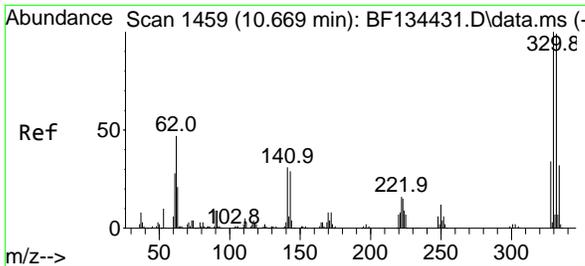


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.857 min Scan# 1321  
 Delta R.T. -0.006 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Tgt Ion: 164 Resp: 116737

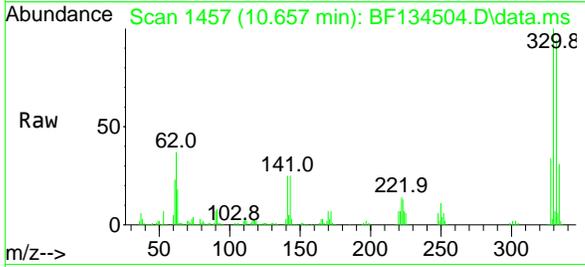
Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	46.1	37.2	55.8



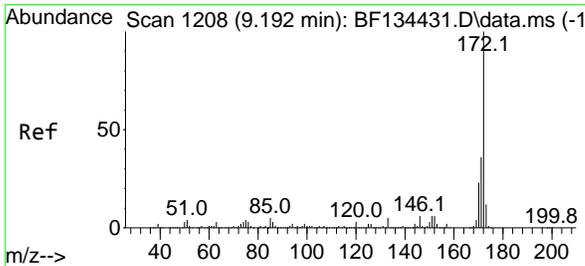
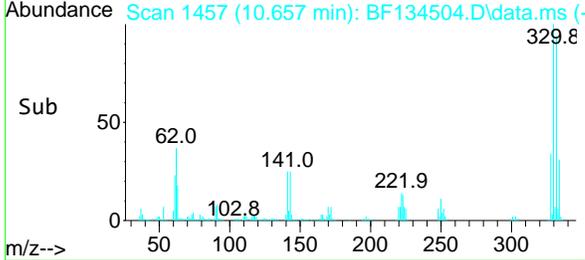
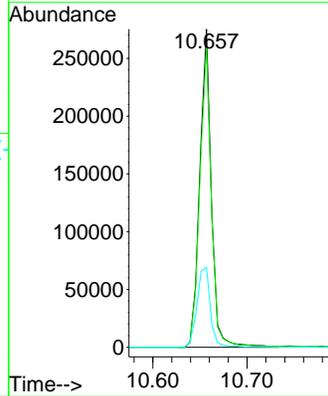


#42  
 2,4,6-Tribromophenol  
 Concen: 142.397 ng  
 RT: 10.657 min Scan# 14  
 Delta R.T. -0.006 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

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 ClientSampleId :  
 80001

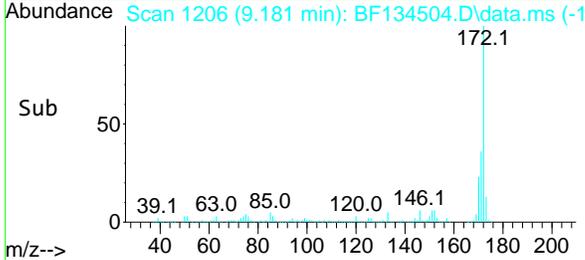
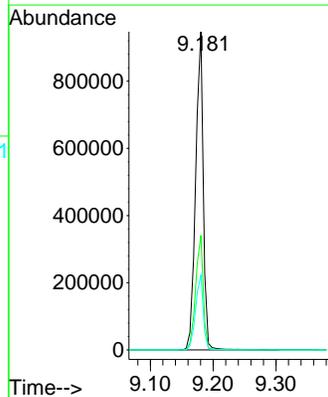
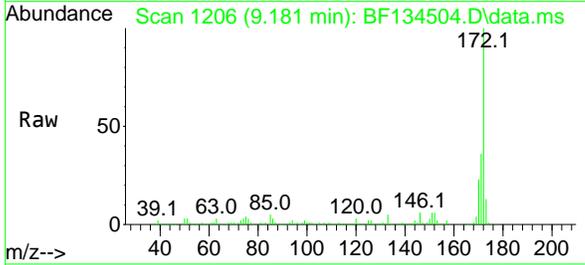


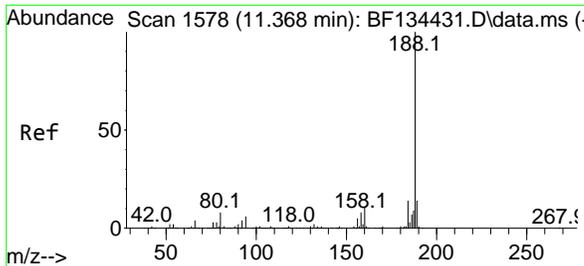
Tgt Ion:330 Resp: 236183  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 78.8 118.2  
 141 29.4 25.4 38.2



#45  
 2-Fluorobiphenyl  
 Concen: 89.717 ng  
 RT: 9.181 min Scan# 1206  
 Delta R.T. 0.000 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Tgt Ion:172 Resp: 797791  
 Ion Ratio Lower Upper  
 172 100  
 171 36.0 28.8 43.2  
 170 23.5 18.7 28.1



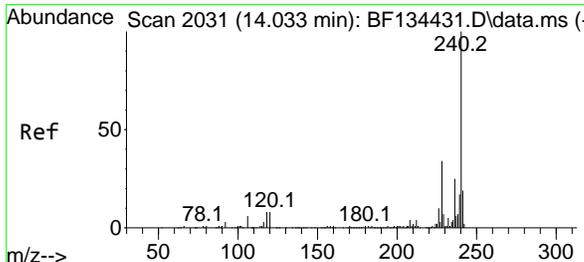
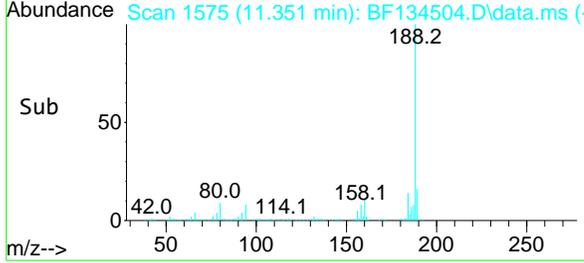
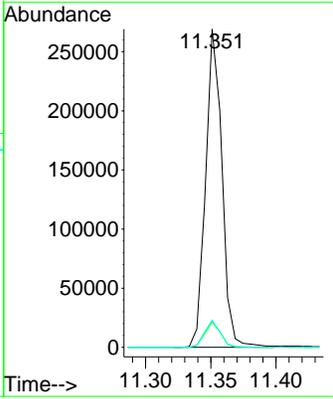
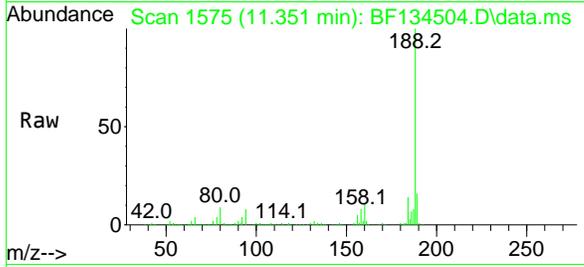


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.351 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Instrument : BNA\_F  
 ClientSampleId : 80001

Tgt Ion:188 Resp: 234865

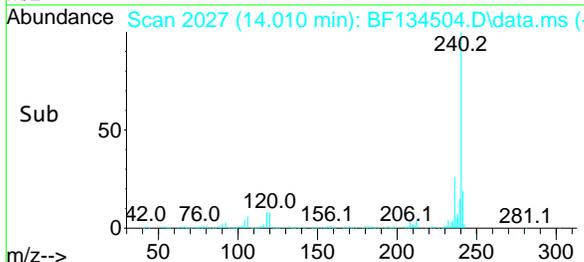
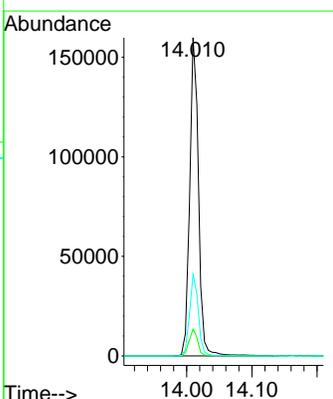
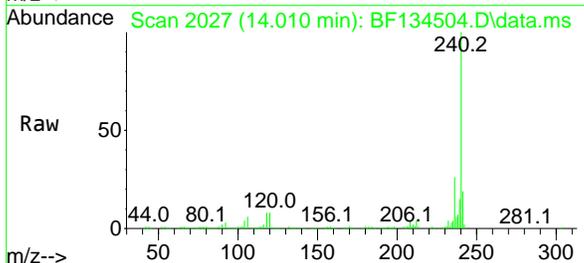
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.1	7.7#
80	8.5	6.6	9.8

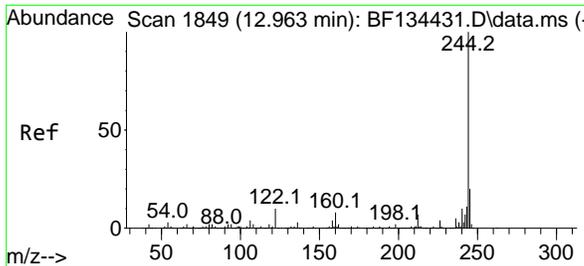


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.010 min Scan# 2027  
 Delta R.T. -0.012 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Tgt Ion:240 Resp: 149698

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.6	10.0
236	25.7	20.2	30.2



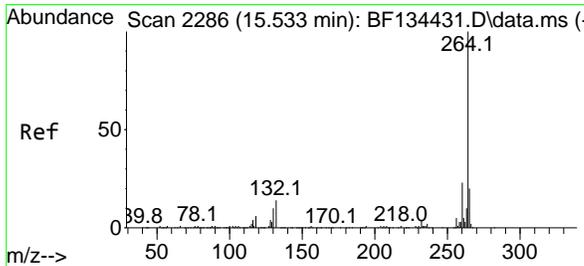
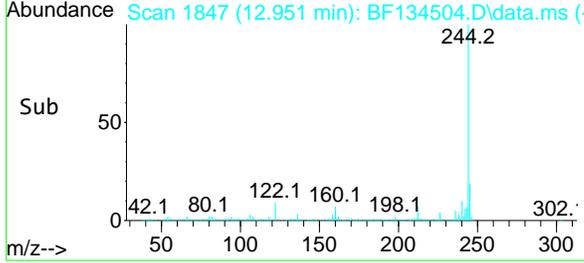
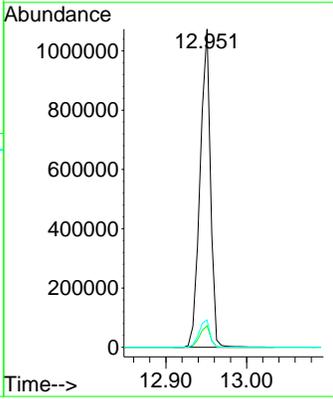
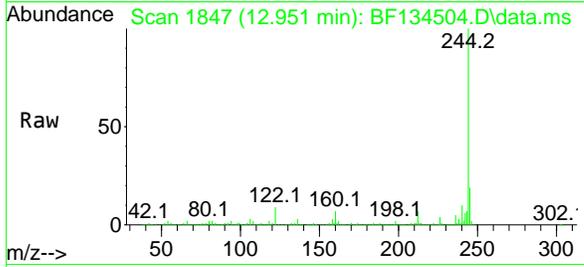


#79  
 Terphenyl-d14  
 Concen: 111.847 ng  
 RT: 12.951 min Scan# 1847  
 Delta R.T. 0.000 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Instrument : BNA\_F  
 Client Sample Id : 80001

Tgt Ion:244 Resp: 959132

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	8.6	8.0	12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 2281  
 Delta R.T. -0.012 min  
 Lab File: BF134504.D  
 Acq: 27 Jul 2023 14:13

Tgt Ion:264 Resp: 162699

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.2	15.8	23.8

