

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020124\  
 Data File : BN029484.D  
 Acq On : 01 Feb 2024 13:28  
 Operator : MA/JU  
 Sample : PB158582BL  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158582BL

Quant Time: Feb 01 14:14:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 01:51:59 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	5000	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	13204	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	5937	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	10590	0.400	ng	# 0.00
29) Chrysene-d12	21.483	240	5827	0.400	ng	0.00
35) Perylene-d12	23.864	264	5605	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	4598	0.383	ng	0.00
5) Phenol-d6	7.060	99	4983	0.360	ng	0.00
8) Nitrobenzene-d5	9.057	82	3445	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	5589	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	407	0.214	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	8213	0.322	ng	0.00
27) Fluoranthene-d10	19.322	212	7393	0.288	ng	0.00
31) Terphenyl-d14	19.926	244	5030	0.348	ng	0.00

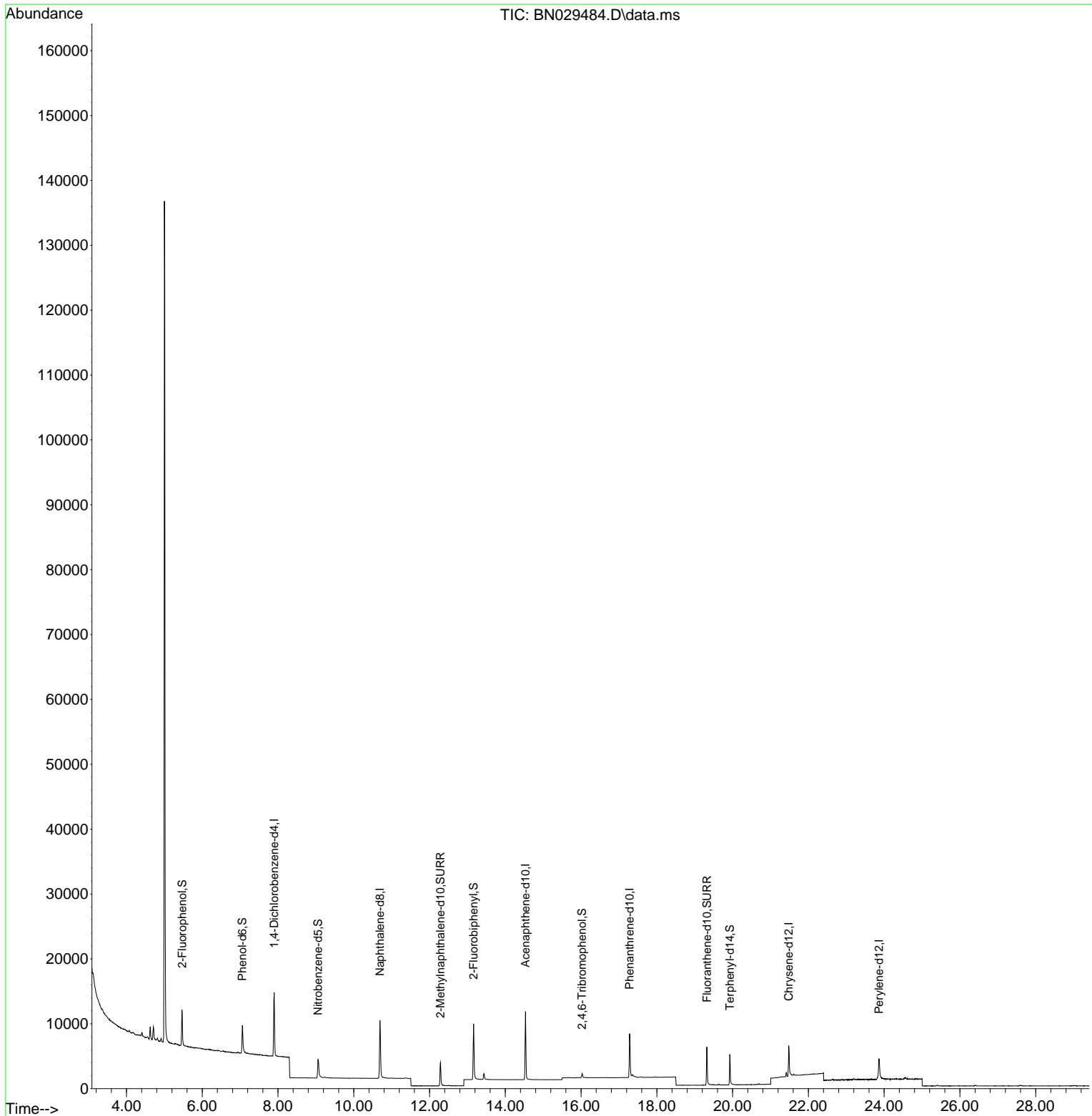
Target Compounds Qvalue

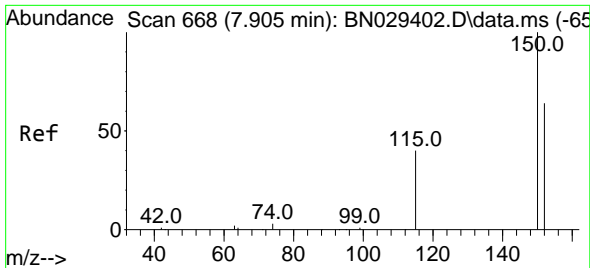
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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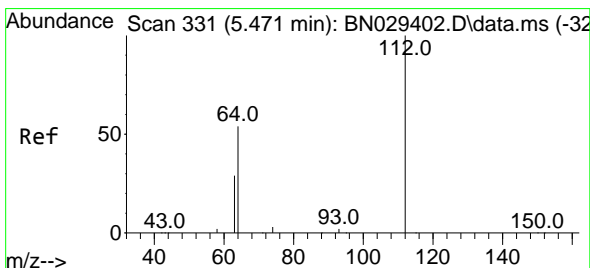
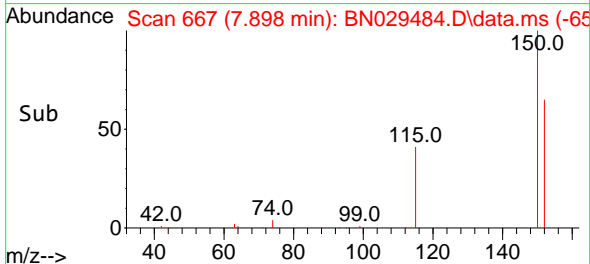
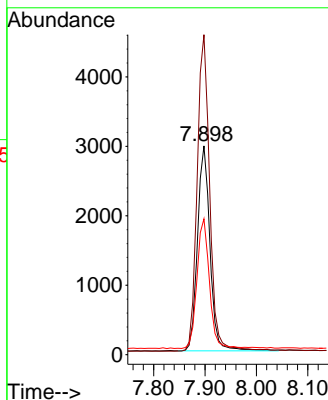
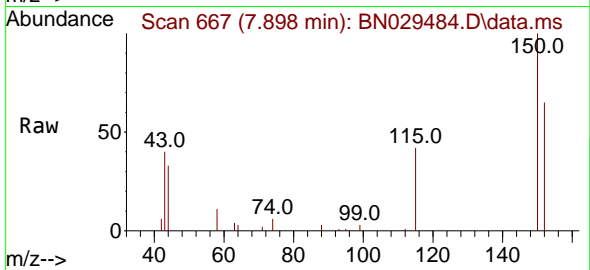




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.898 min Scan# 668  
 Delta R.T. -0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

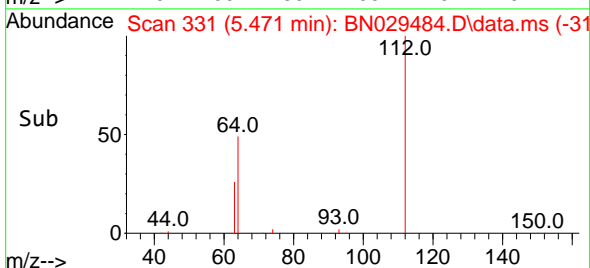
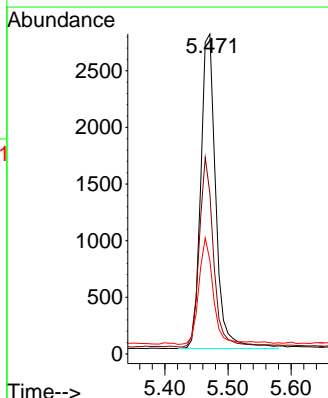
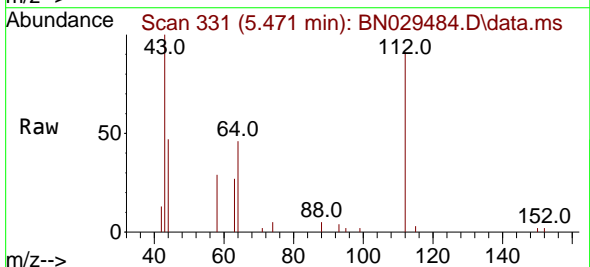
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158582BL

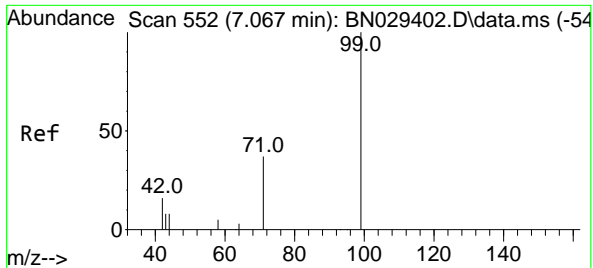
Tgt Ion:152 Resp: 5000  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 123.0 184.4  
 115 65.0 51.4 77.0



#4  
 2-Fluorophenol  
 Concen: 0.383 ng  
 RT: 5.471 min Scan# 331  
 Delta R.T. 0.007 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Tgt Ion:112 Resp: 4598  
 Ion Ratio Lower Upper  
 112 100  
 64 57.7 47.2 70.8  
 63 32.1 25.8 38.6

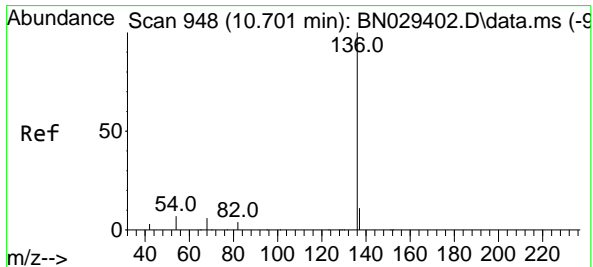
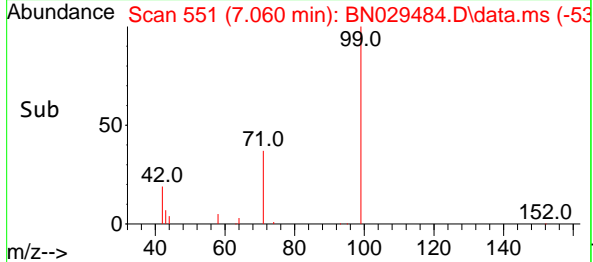
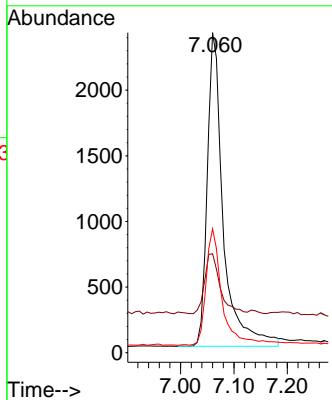
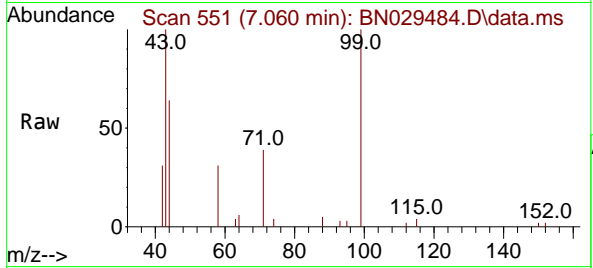




#5  
 Phenol-d6  
 Concen: 0.360 ng  
 RT: 7.060 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

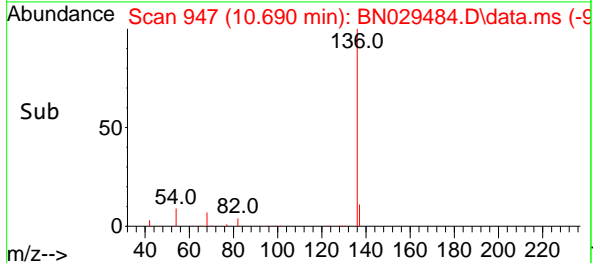
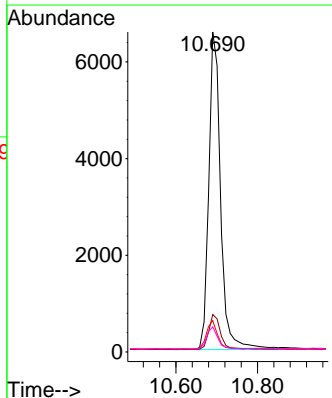
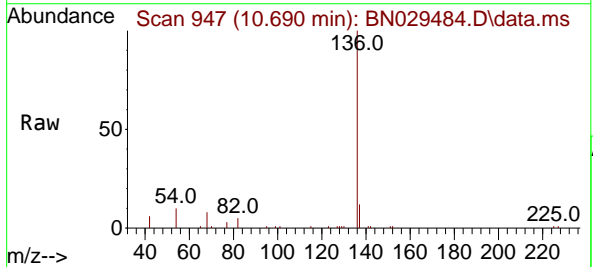
Instrument : BNA\_N  
 ClientSampleId : PB158582BL

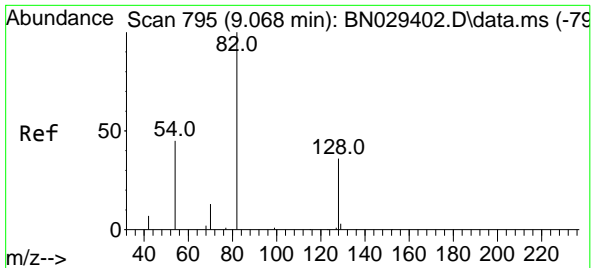
Tgt Ion	Resp	Lower	Upper
99	4983		
99	100		
42	18.6	16.9	25.3
71	37.8	30.0	45.0



#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.690 min Scan# 947  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Tgt Ion	Resp	Lower	Upper
136	13204		
136	100		
137	11.7	9.7	14.5
54	9.8	6.6	10.0
68	7.9	5.7	8.5

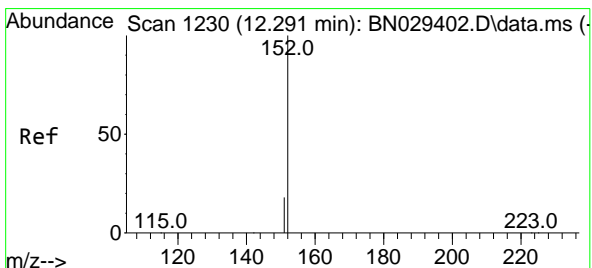
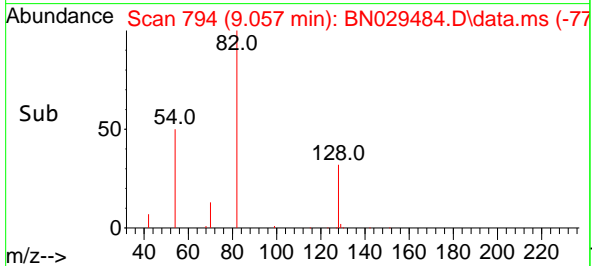
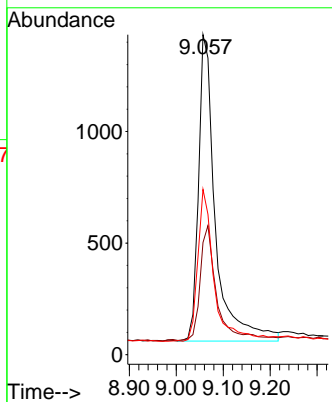
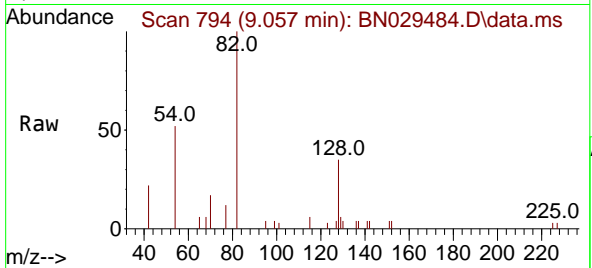




#8  
 Nitrobenzene-d5  
 Concen: 0.313 ng  
 RT: 9.057 min Scan# 794  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

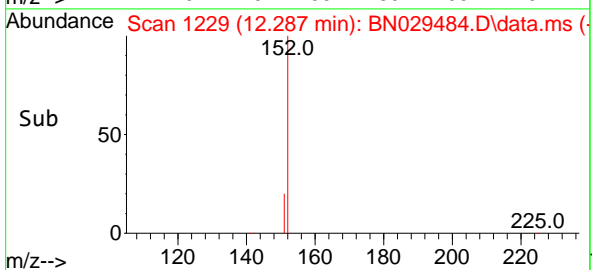
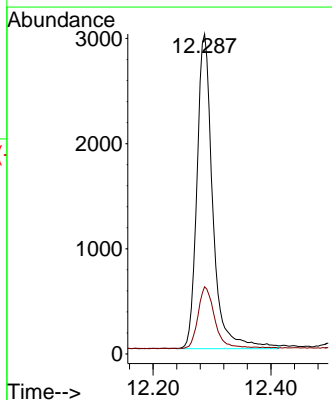
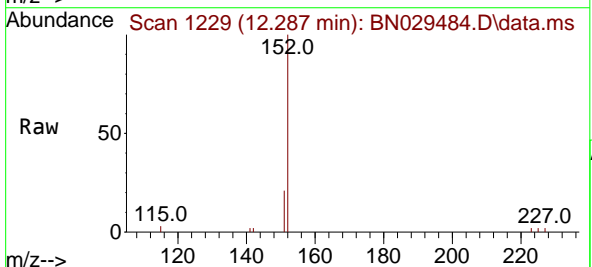
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158582BL

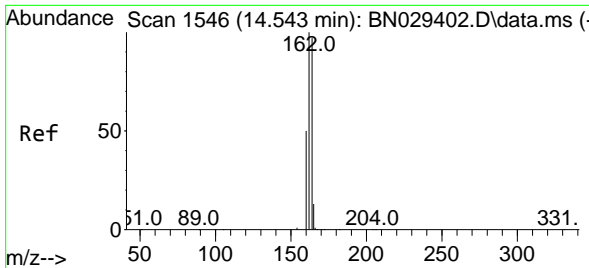
Tgt Ion	Resp	Lower	Upper
82	3445		
128	35.1	31.6	47.4
54	51.7	38.2	57.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.311 ng  
 RT: 12.287 min Scan# 1229  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Tgt Ion	Resp	Lower	Upper
152	5589		
151	20.5	17.1	25.7



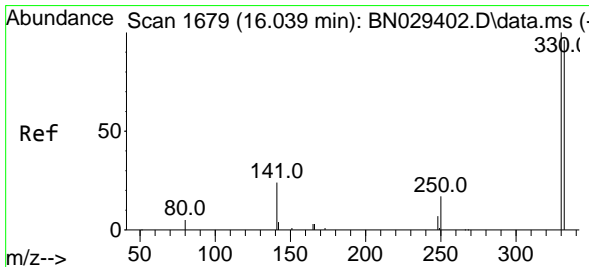
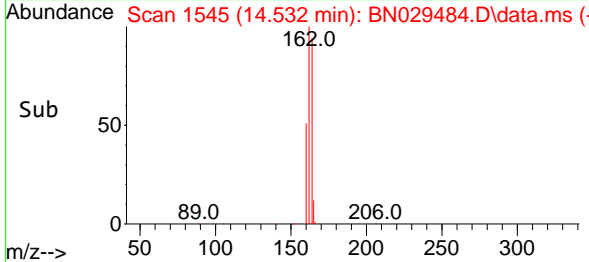
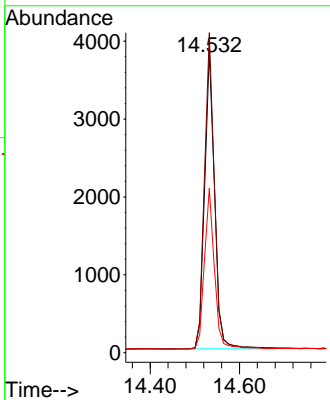
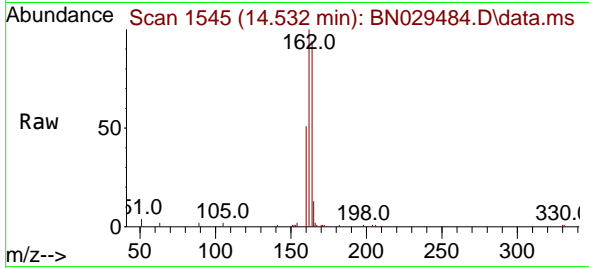


#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.532 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Instrument : BNA\_N  
 ClientSampleId : PB158582BL

Tgt Ion:164 Resp: 5937

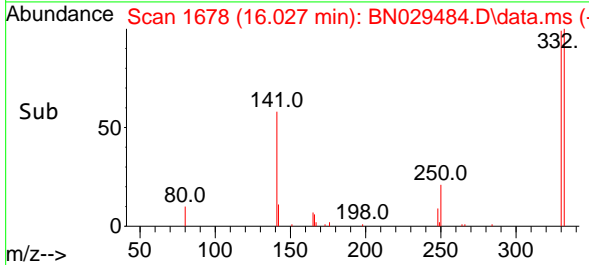
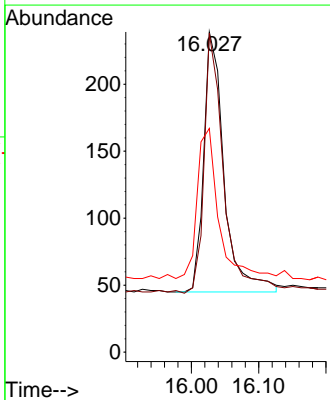
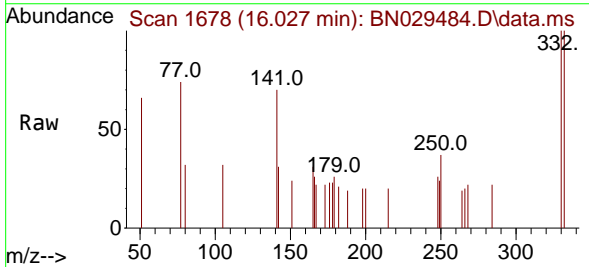
Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.6	123.8
160	54.6	41.5	62.3

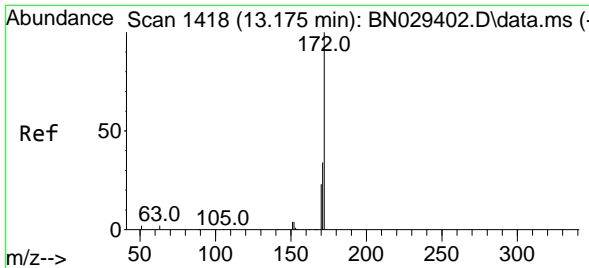


#14  
 2,4,6-Tribromophenol  
 Concen: 0.214 ng  
 RT: 16.027 min Scan# 1678  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Tgt Ion:330 Resp: 407

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	61.2	43.4	65.2



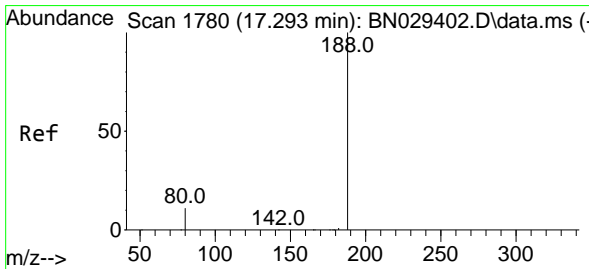
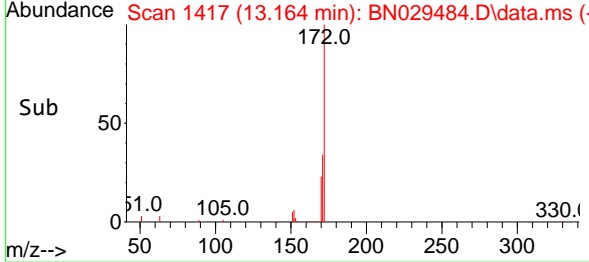
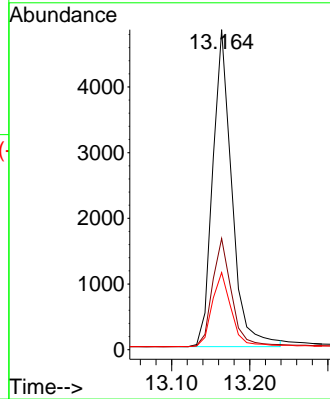
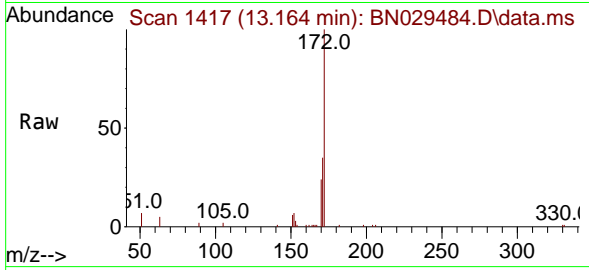


#15  
 2-Fluorobiphenyl  
 Concen: 0.322 ng  
 RT: 13.164 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB158582BL

Tgt Ion:172 Resp: 8213

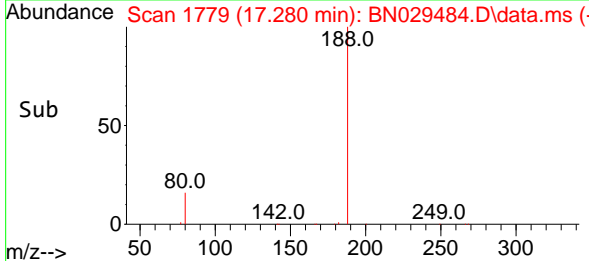
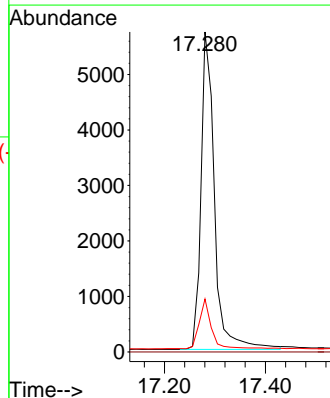
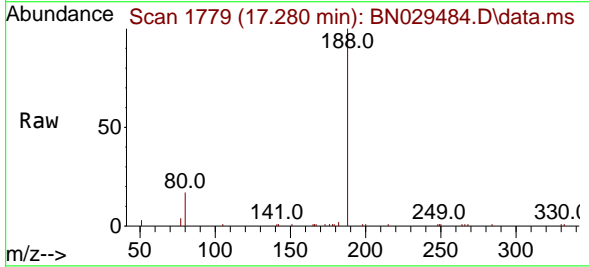
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	24.1	18.7	28.1

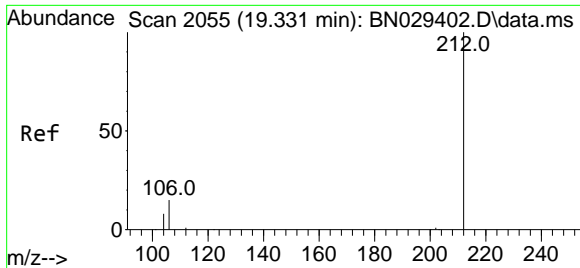


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.280 min Scan# 1779  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Tgt Ion:188 Resp: 10590

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.5	10.0	15.0



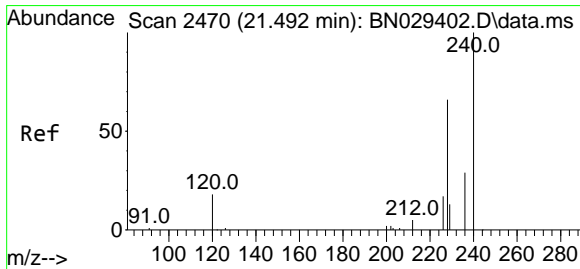
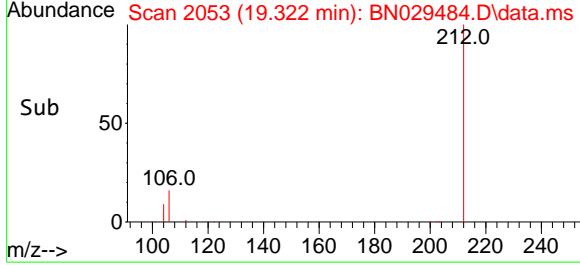
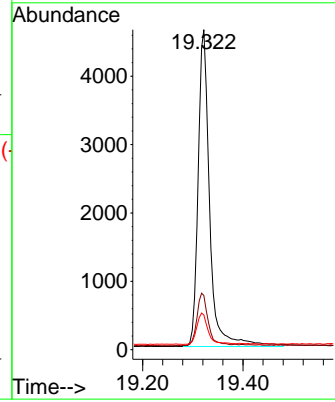
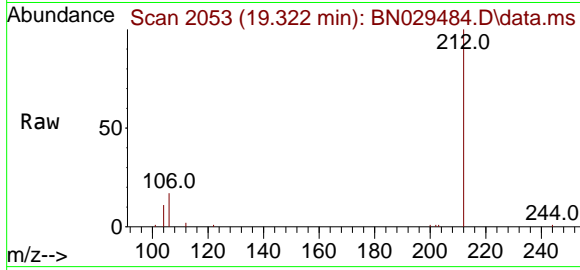


#27  
 Fluoranthene-d10  
 Concen: 0.288 ng  
 RT: 19.322 min Scan# 2053  
 Delta R.T. 0.000 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Instrument : BNA\_N  
 Client Sample Id : PB158582BL

Tgt Ion: 212 Resp: 7393

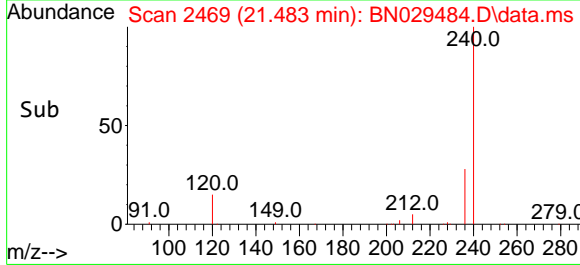
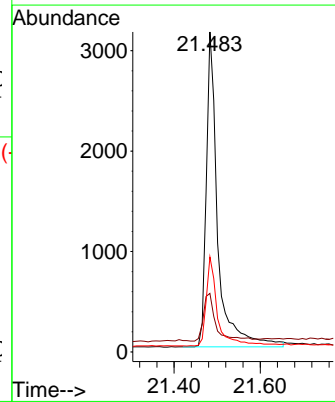
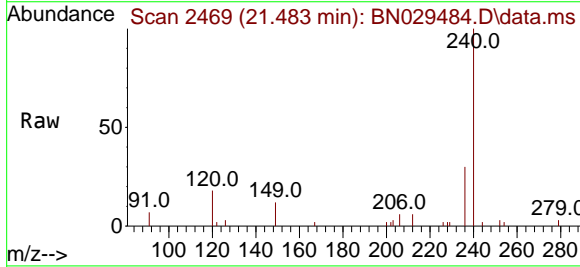
Ion	Ratio	Lower	Upper
212	100		
106	16.1	13.2	19.8
104	9.7	7.7	11.5



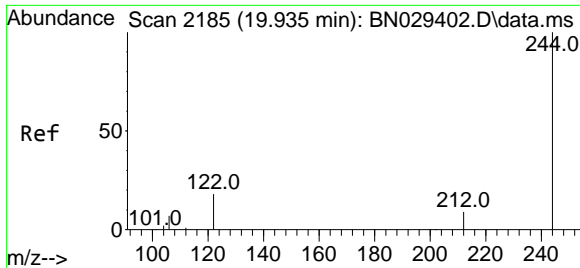
#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.483 min Scan# 2469  
 Delta R.T. -0.009 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Tgt Ion: 240 Resp: 5827

Ion	Ratio	Lower	Upper
240	100		
120	18.3	16.7	25.1
236	29.7	23.9	35.9





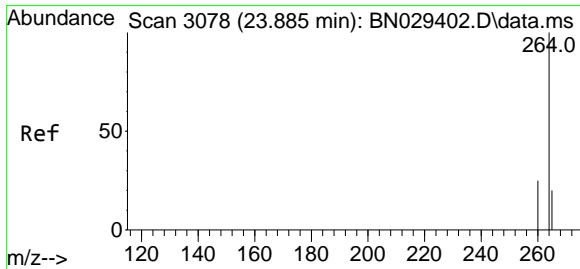
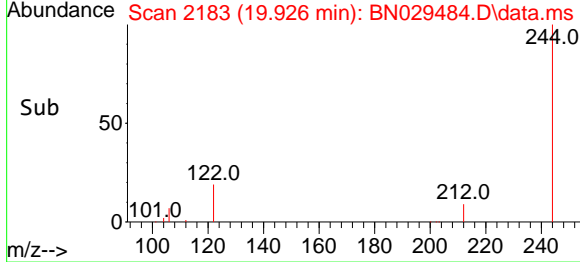
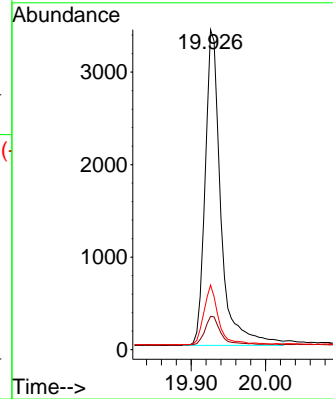
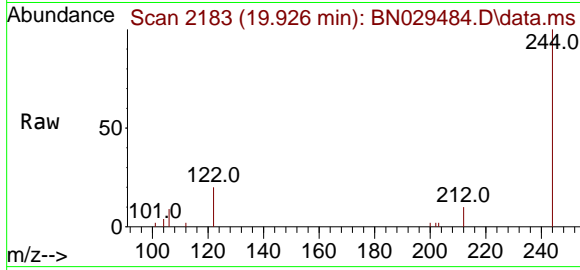


#31  
 Terphenyl-d14  
 Concen: 0.348 ng  
 RT: 19.926 min Scan# 2183  
 Delta R.T. -0.005 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Instrument : BNA\_N  
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Tgt Ion:244 Resp: 5030

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.2	12.4
122	20.2	15.6	23.4



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.864 min Scan# 3071  
 Delta R.T. -0.006 min  
 Lab File: BN029484.D  
 Acq: 01 Feb 2024 13:28

Tgt Ion:264 Resp: 5605

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.2	31.8
265	50.0	41.5	62.3

