

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133187.D
 Acq On : 02 May 2023 14:15
 Operator : CG\JU
 Sample : 02270-26
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413

Quant Time: May 02 14:39:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 10:52:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	221015	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	881522	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	463629	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	816934	20.000	ng	0.00
76) Chrysene-d12	13.880	240	508359	20.000	ng	-0.01
86) Perylene-d12	15.304	264	396809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1664391	113.759	ng	0.01
7) Phenol-d6	6.375	99	2062949	113.599	ng	0.00
23) Nitrobenzene-d5	7.298	82	1251076	76.605	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	545364	116.964	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2141736	77.284	ng	0.00
79) Terphenyl-d14	12.839	244	2450855	83.148	ng	0.00

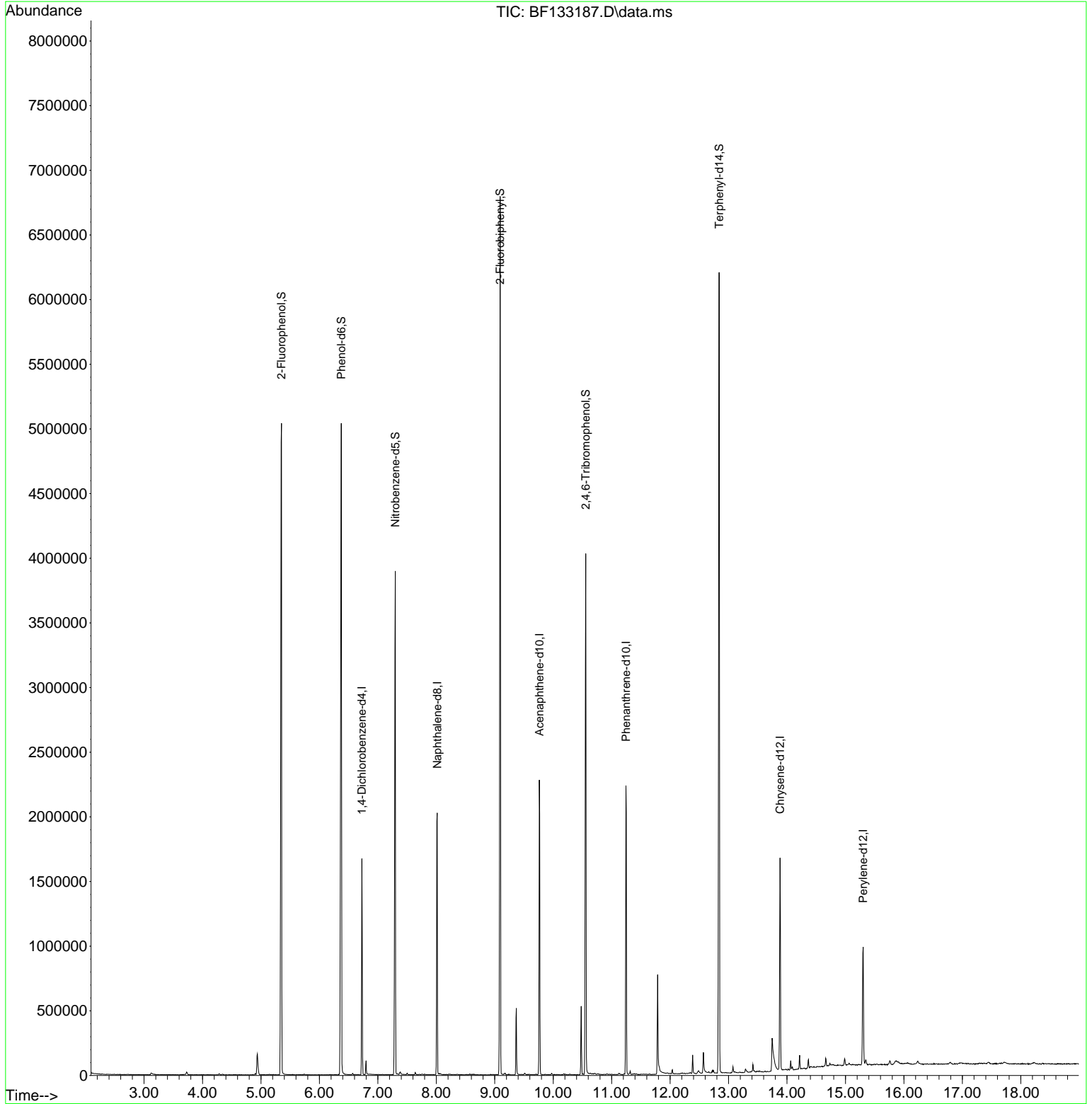
Target Compounds Qvalue

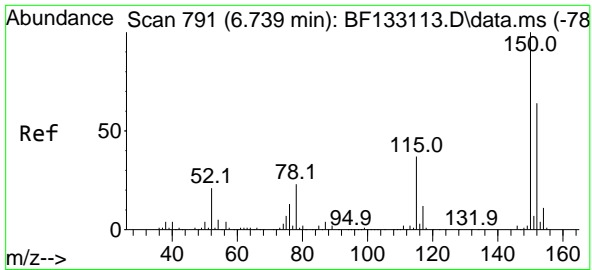
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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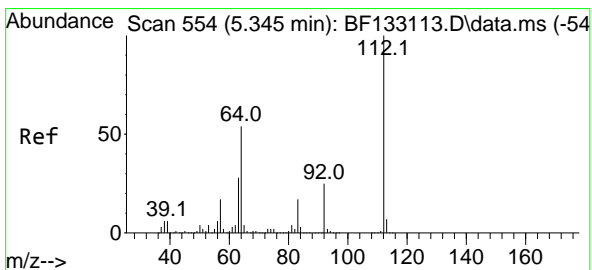
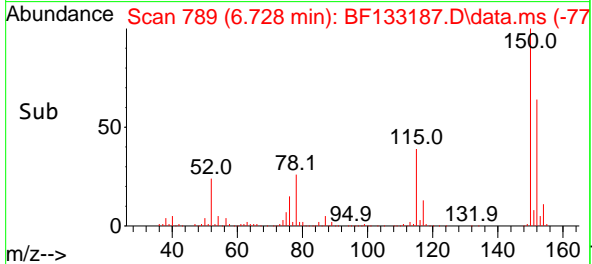
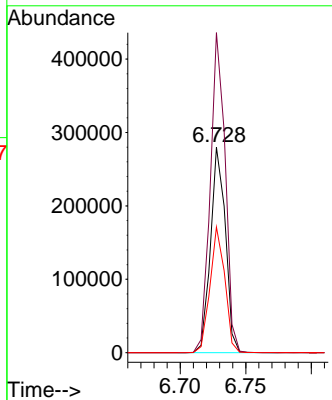
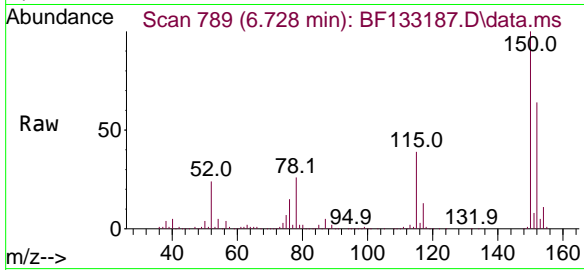




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

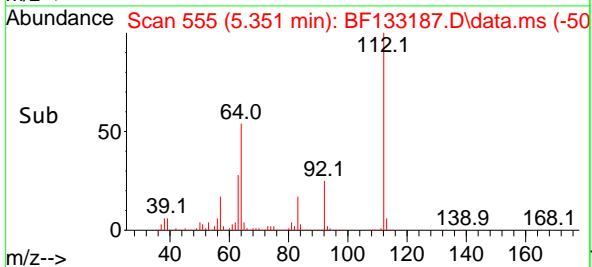
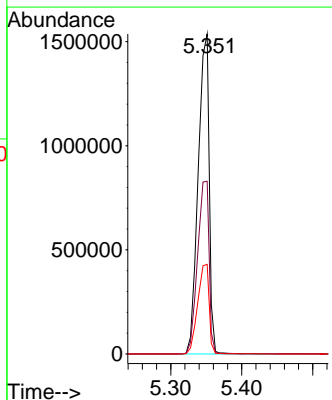
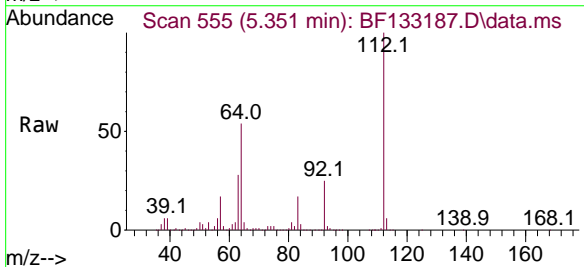
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413

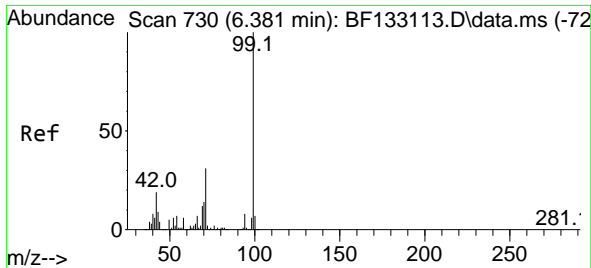
Tgt Ion:152 Resp: 221015
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.8 187.2
 115 61.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 113.759 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.012 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Tgt Ion:112 Resp: 1664391
 Ion Ratio Lower Upper
 112 100
 64 53.9 46.8 70.2
 63 28.0 23.8 35.8



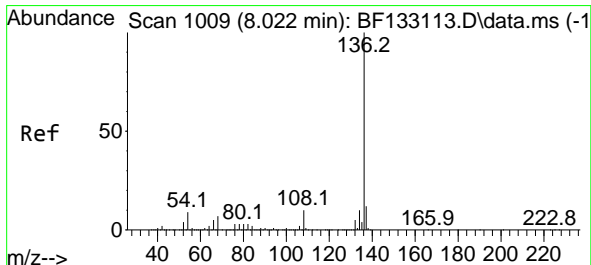
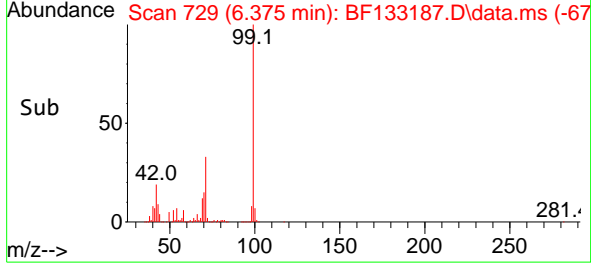
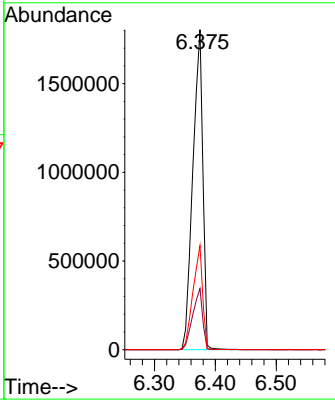
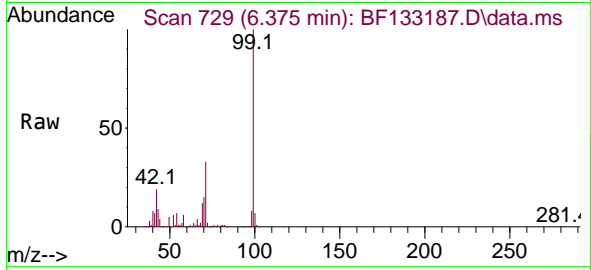


#7
 Phenol-d6
 Concen: 113.599 ng
 RT: 6.375 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Instrument : BNA_F
 ClientSampleId : SB-16-14-16-20230413

Tgt Ion: 99 Resp: 2062949

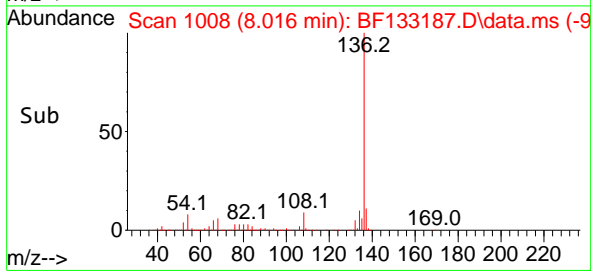
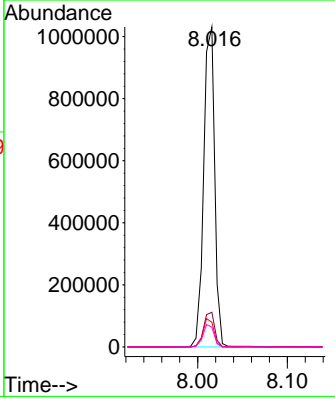
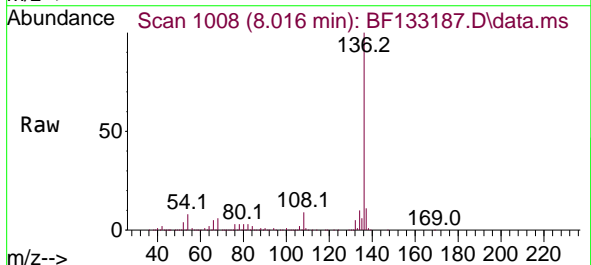
Ion	Ratio	Lower	Upper
99	100		
42	19.1	16.3	24.5
71	32.6	25.6	38.4

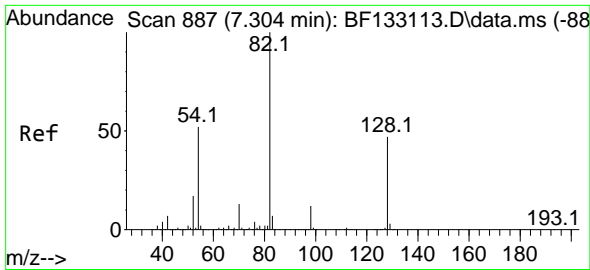


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.016 min Scan# 1008
 Delta R.T. 0.000 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Tgt Ion: 136 Resp: 881522

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.8	7.0	10.4
68	6.2	5.4	8.2



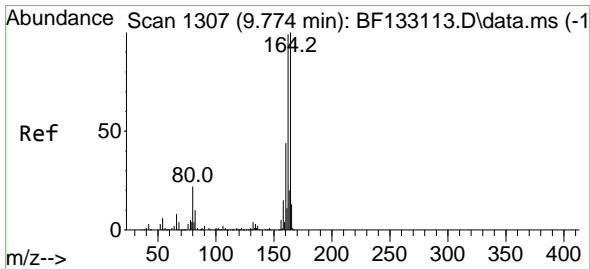
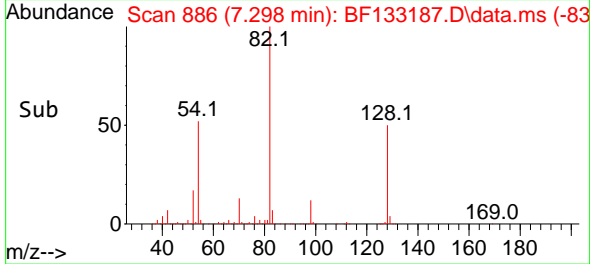
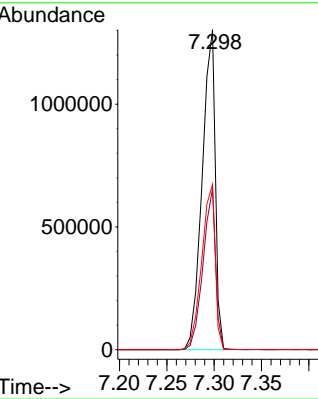
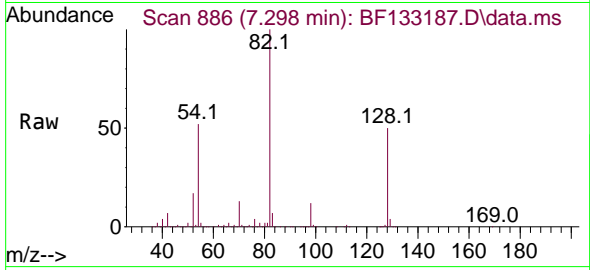


#23
 Nitrobenzene-d5
 Concen: 76.605 ng
 RT: 7.298 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413

Tgt Ion: 82 Resp: 1251076

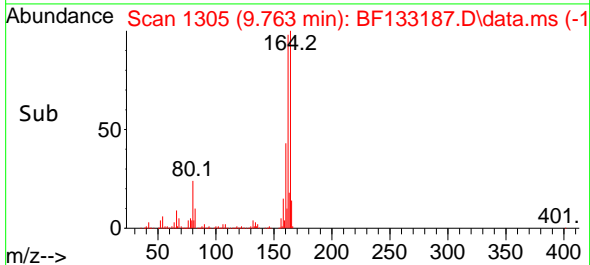
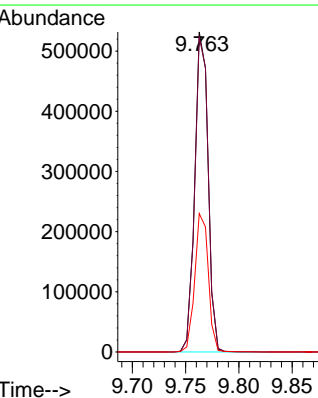
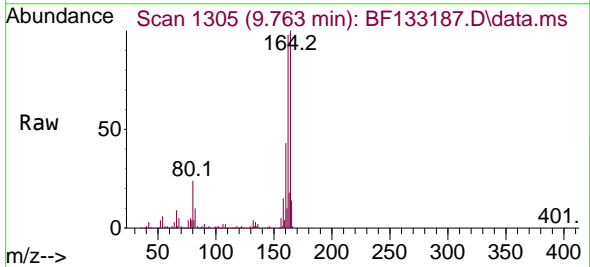
Ion	Ratio	Lower	Upper
82	100		
128	50.3	37.7	56.5
54	51.6	43.0	64.4

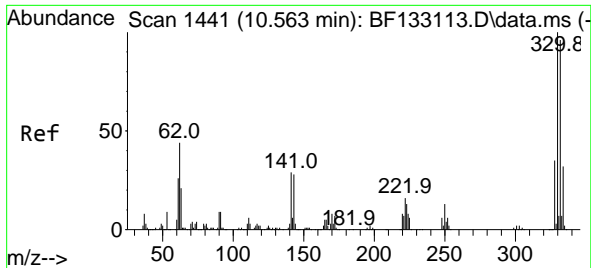


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.763 min Scan# 1305
 Delta R.T. -0.006 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Tgt Ion: 164 Resp: 463629

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.7	118.1
160	43.2	35.8	53.6

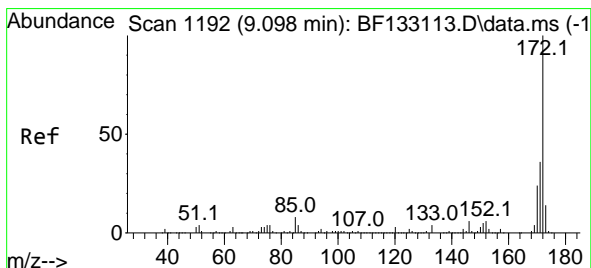
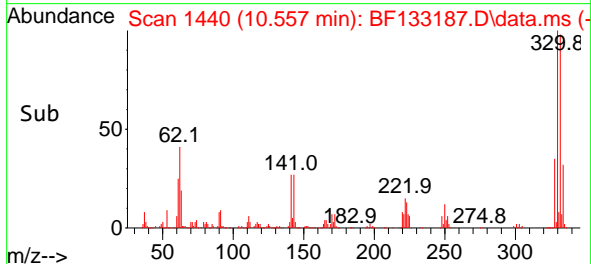
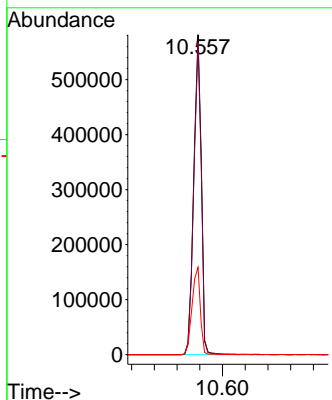
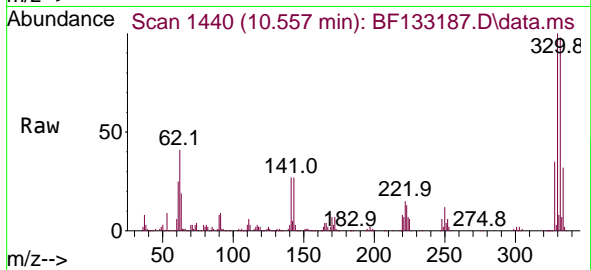




#42
 2,4,6-Tribromophenol
 Concen: 116.964 ng
 RT: 10.557 min Scan# 1440
 Delta R.T. -0.006 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

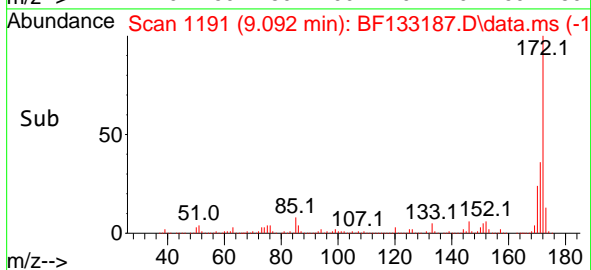
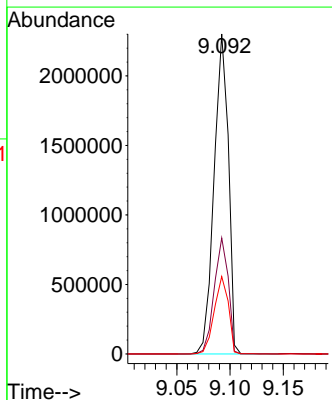
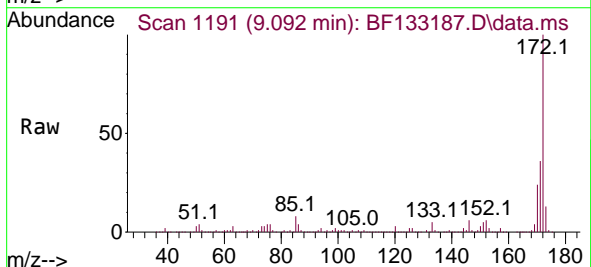
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413

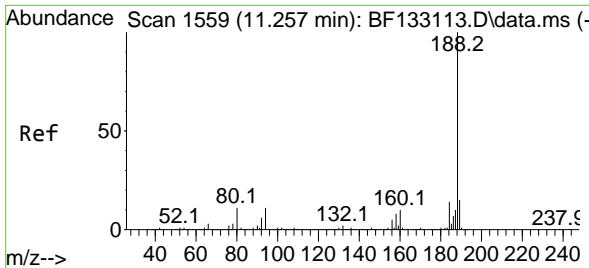
Tgt Ion:330 Resp: 545364
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 29.6 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 77.284 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Tgt Ion:172 Resp: 2141736
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.8 43.2
 170 24.2 19.4 29.2



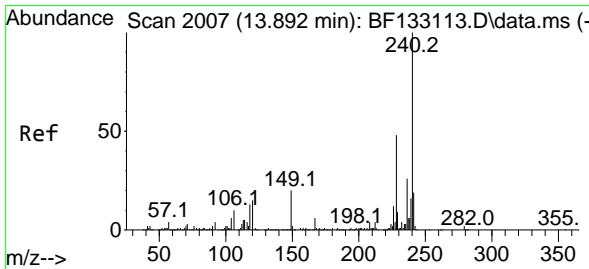
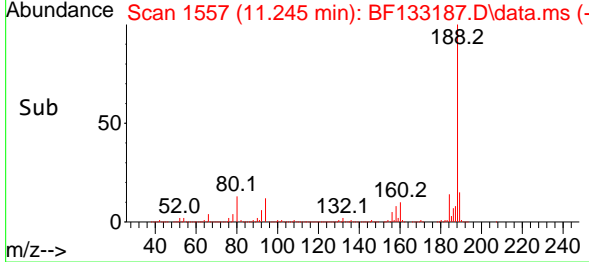
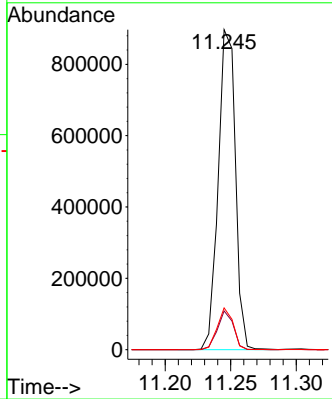
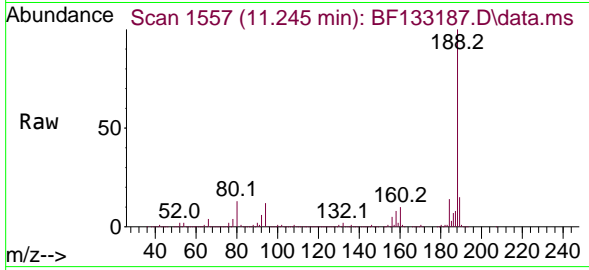


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.245 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Instrument : BNA_F
 ClientSampleId : SB-16-14-16-20230413

Tgt Ion:188 Resp: 816934

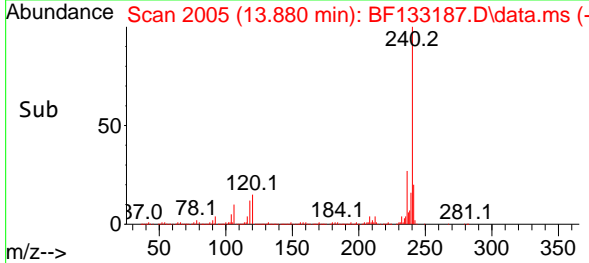
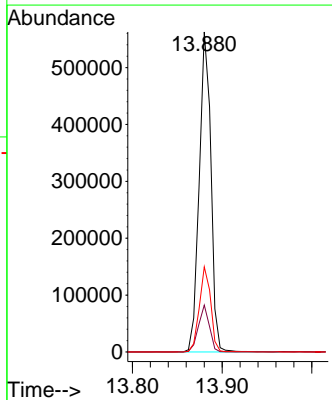
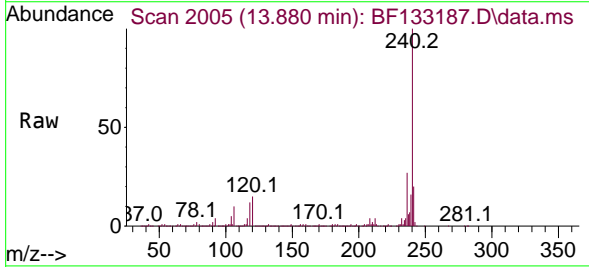
Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.7	14.5
80	13.1	10.4	15.6

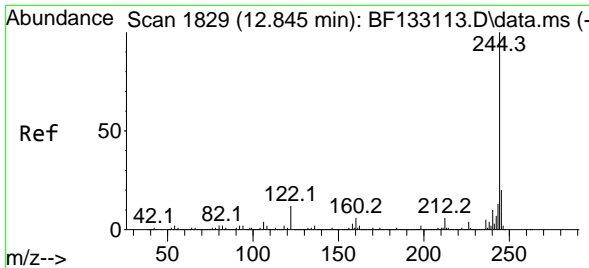


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.880 min Scan# 2005
 Delta R.T. -0.012 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

Tgt Ion:240 Resp: 508359

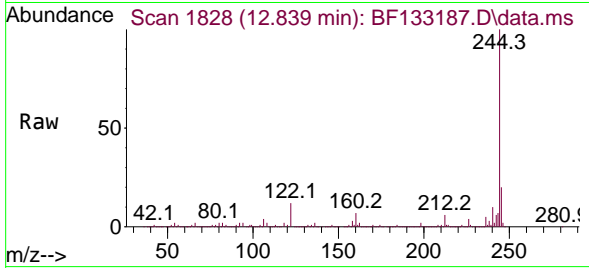
Ion	Ratio	Lower	Upper
240	100		
120	14.7	10.5	15.7
236	26.6	21.5	32.3



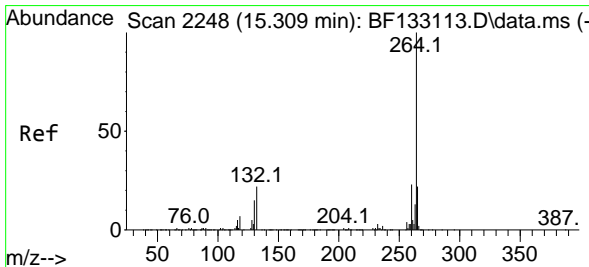
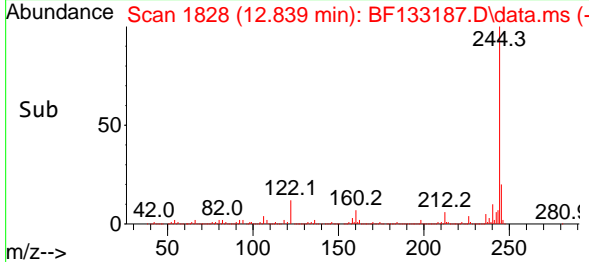
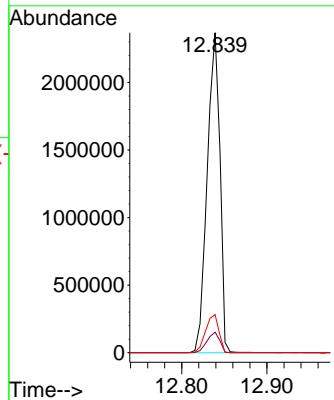


#79
 Terphenyl-d14
 Concen: 83.148 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15

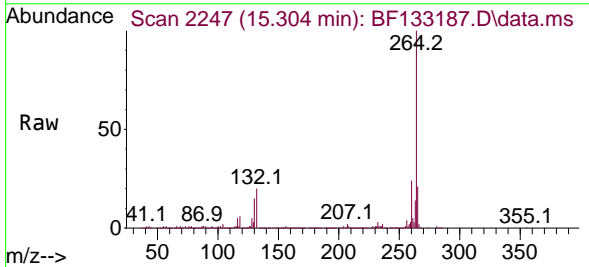
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413



Tgt Ion:244 Resp: 2450855
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.006 min
 Lab File: BF133187.D
 Acq: 02 May 2023 14:15



Tgt Ion:264 Resp: 396809
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.4 17.0 25.4

