

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128189.D
 Acq On : 11 May 2022 12:01
 Operator : CG\JU
 Sample : PB144701TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144701TB

Quant Time: May 12 05:59:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	101175	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	393518	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	228656	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	422764	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	326793	20.000	ng	-0.01
86) Perylene-d12	15.568	264	270336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	784428	123.596	ng	0.02
7) Phenol-d6	6.528	99	1044692	124.450	ng	0.00
23) Nitrobenzene-d5	7.457	82	760908	87.006	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	324650	123.799	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1257826	86.073	ng	0.00
79) Terphenyl-d14	13.015	244	1527584	87.713	ng	0.00

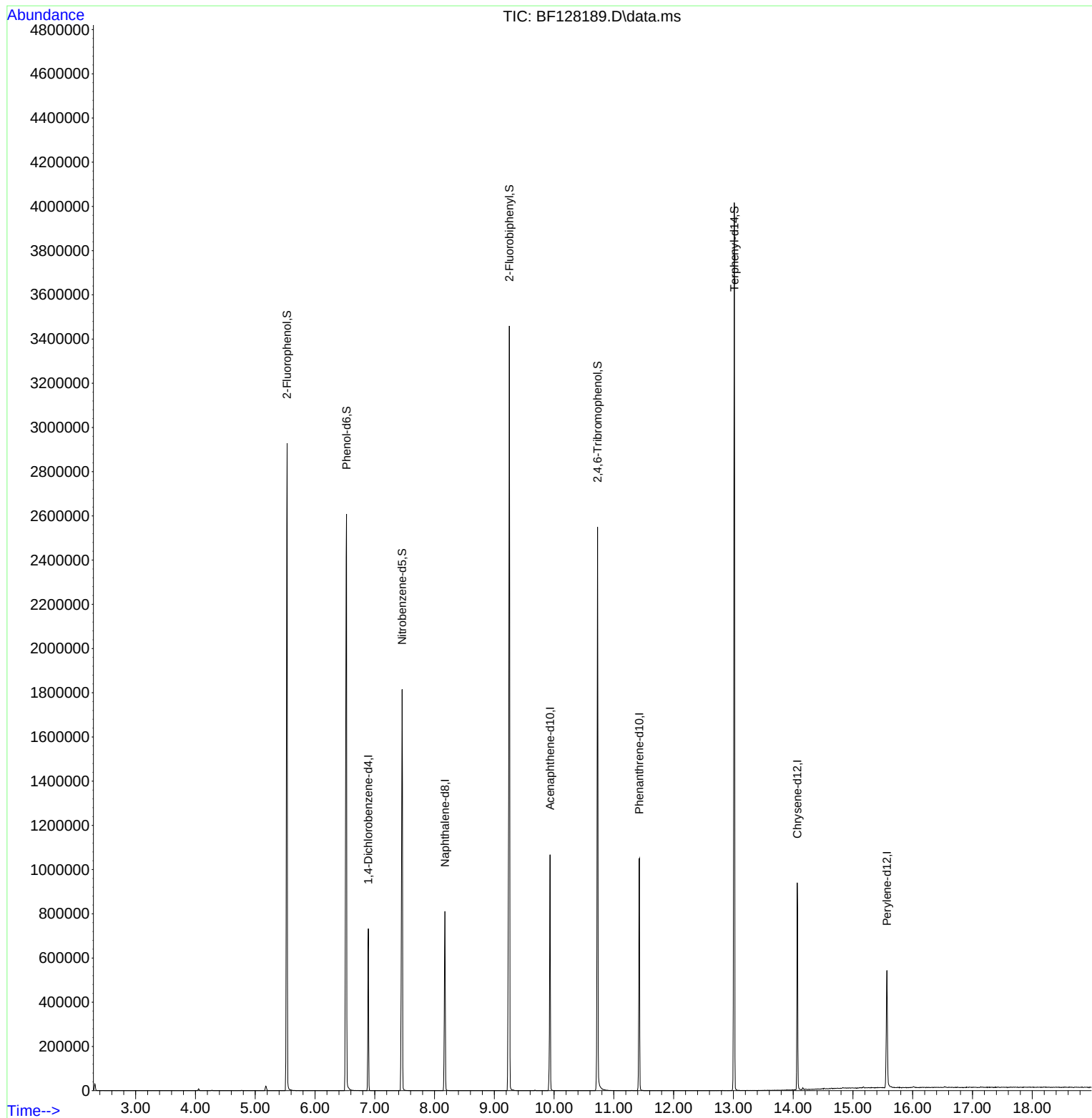
Target Compounds	Qvalue

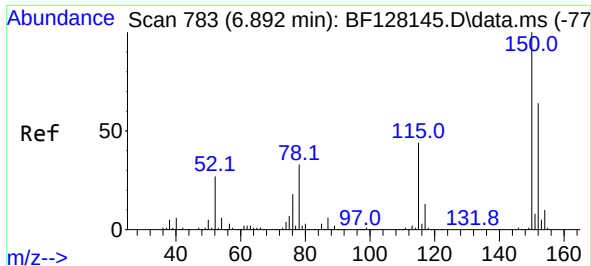
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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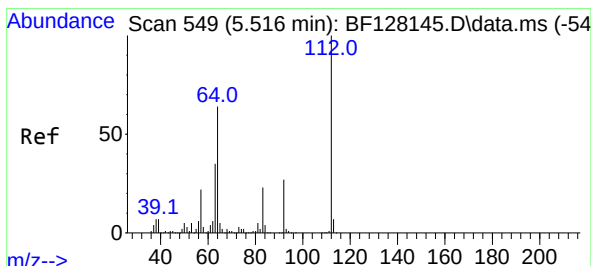
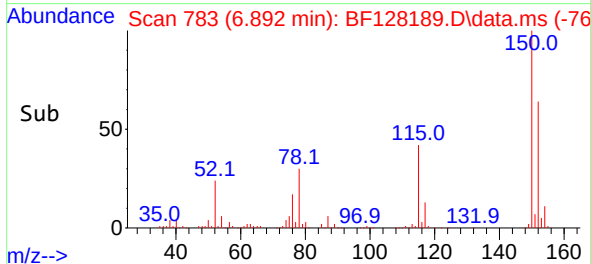
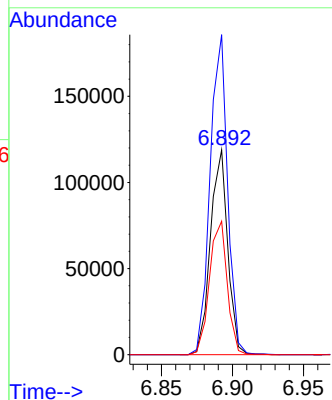
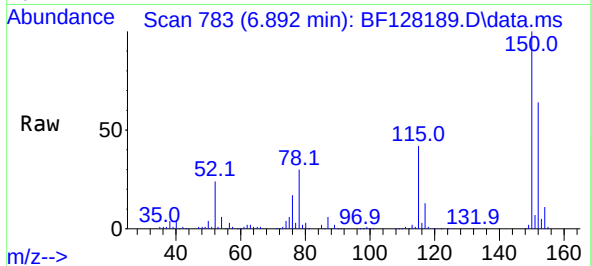




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

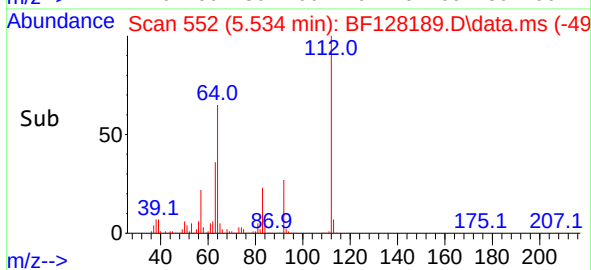
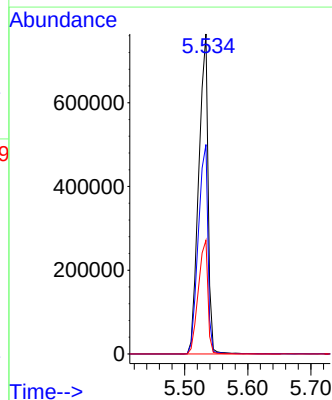
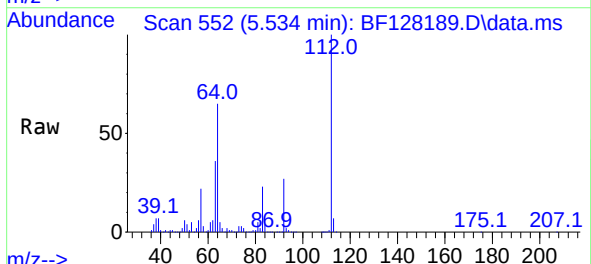
Instrument :
BNA_F
ClientSampleId :
PB144701TB

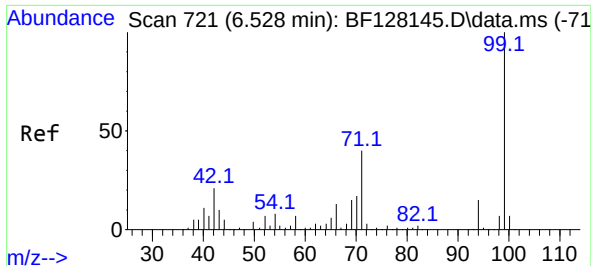
Tgt Ion:152 Resp: 101175
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 65.2 48.8 73.2



#5
2-Fluorophenol
Concen: 123.596 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.018 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:112 Resp: 784428
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 35.5 26.3 39.5



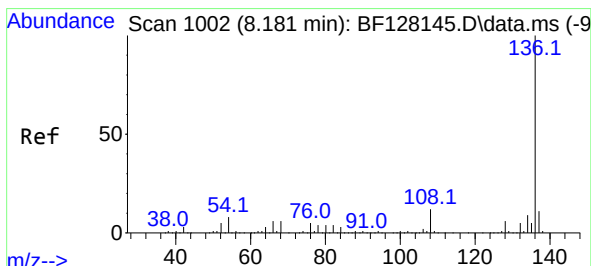
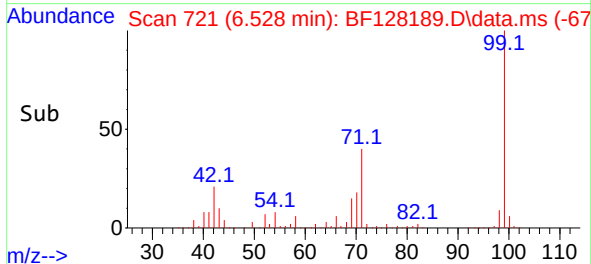
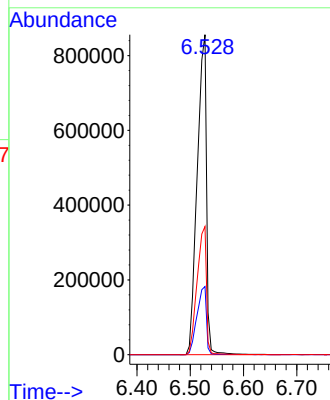
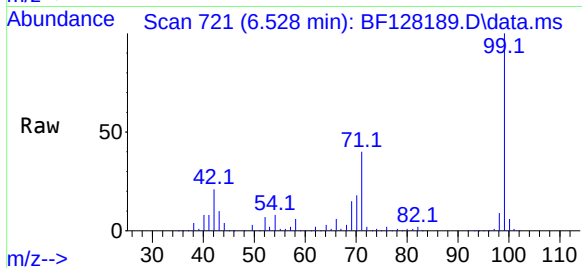


#7
Phenol-d6
Concen: 124.450 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Instrument :
BNA_F
ClientSampleId :
PB144701TB

Tgt Ion: 99 Resp: 1044692

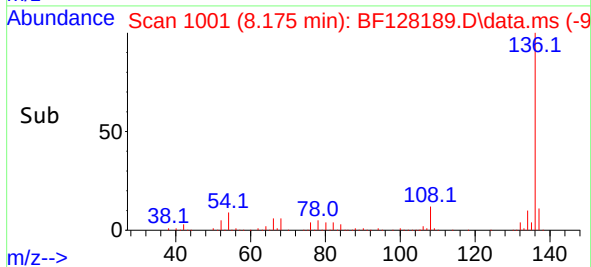
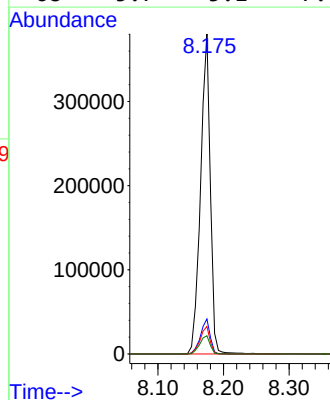
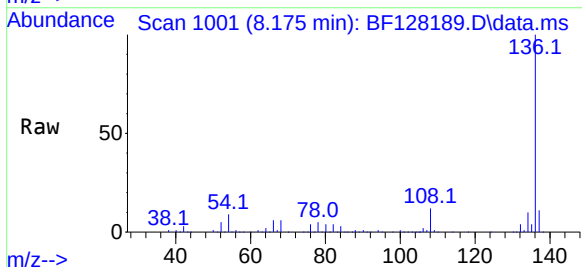
Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.6	24.8
71	40.1	30.0	45.0

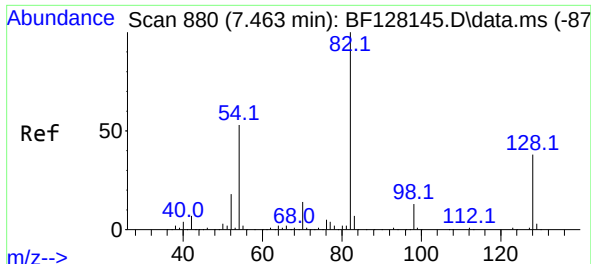


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:136 Resp: 393518

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.8	10.2
68	5.7	5.1	7.7

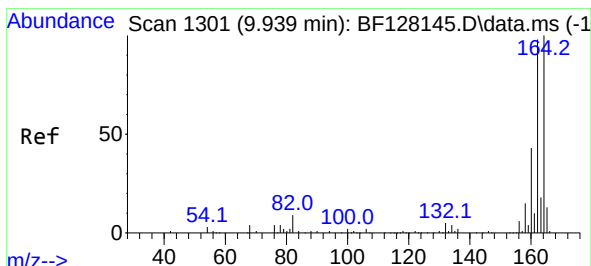
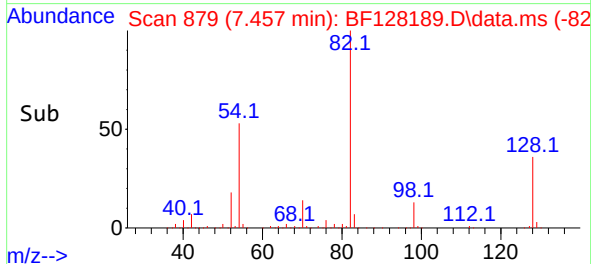
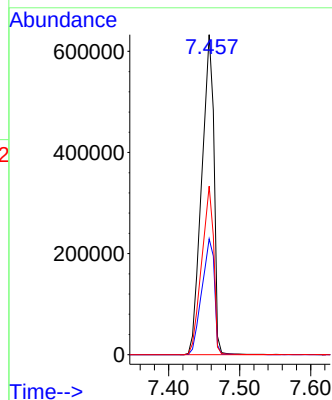
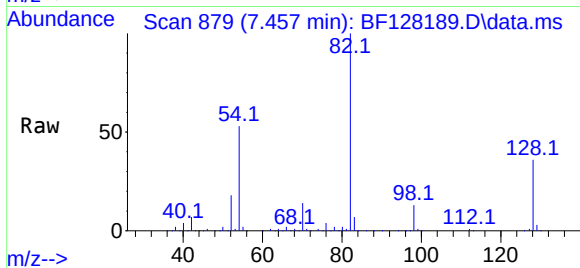




#23
Nitrobenzene-d5
Concen: 87.006 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

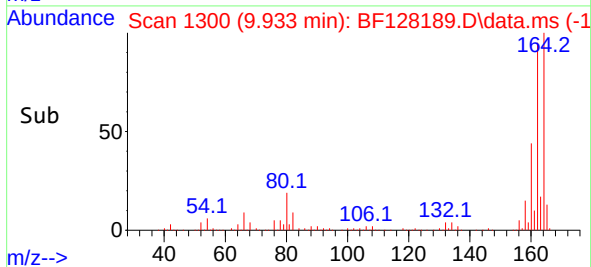
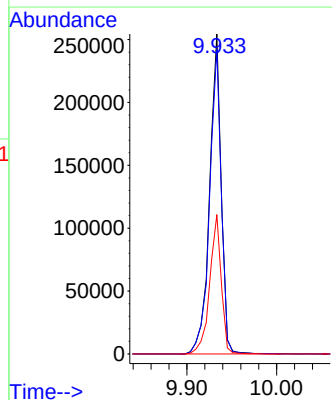
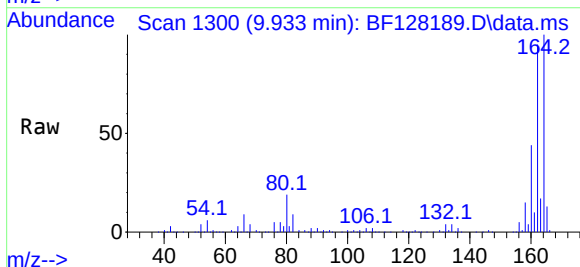
Instrument :
BNA_F
ClientSampleId :
PB144701TB

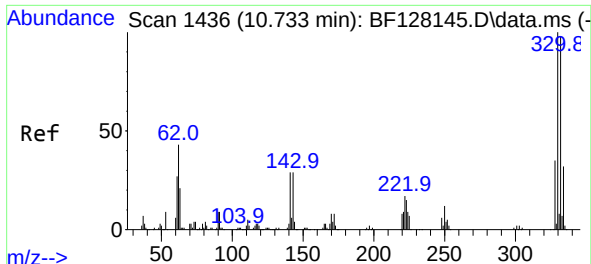
Tgt Ion: 82 Resp: 760908
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.6 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

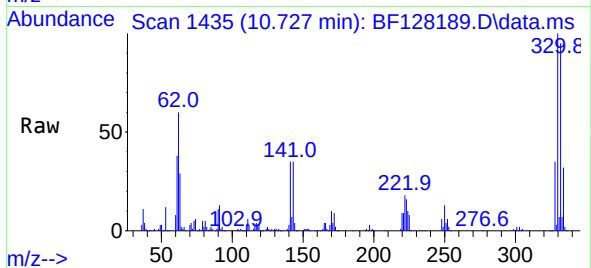
Tgt Ion:164 Resp: 228656
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 43.6 34.8 52.2



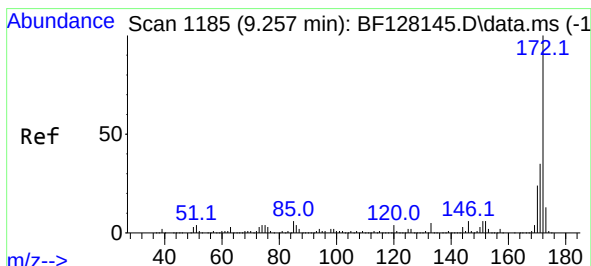
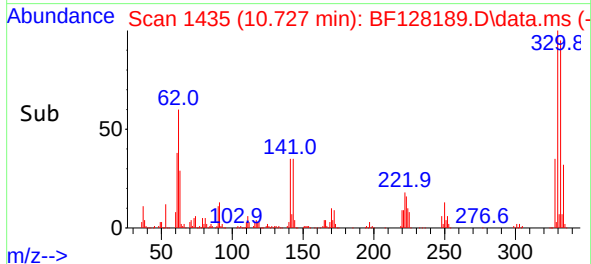
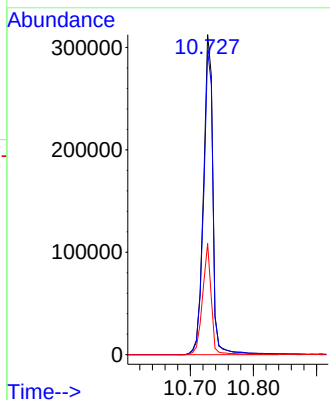


#42
2,4,6-Tribromophenol
Concen: 123.799 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Instrument :
BNA_F
ClientSampleId :
PB144701TB

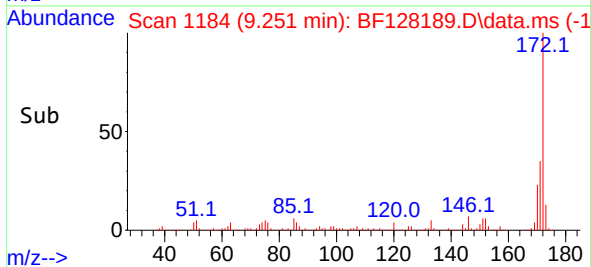
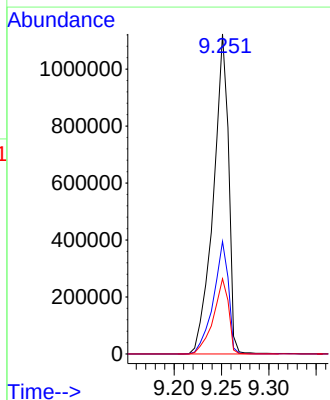
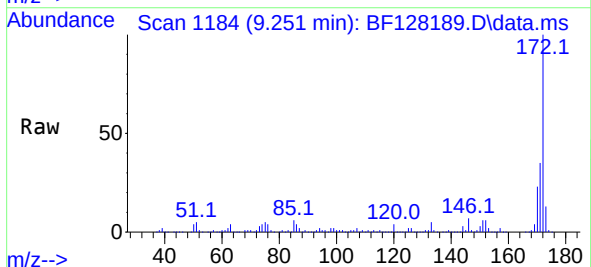


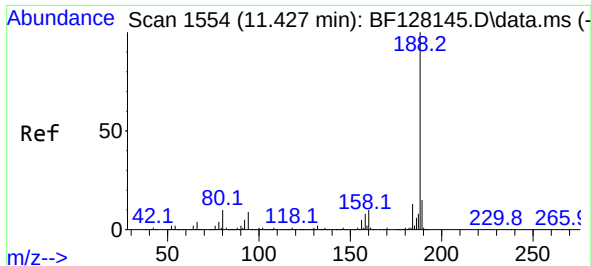
Tgt Ion:330 Resp: 324650
Ion Ratio Lower Upper
330 100
332 95.5 79.0 118.4
141 32.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.073 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:172 Resp: 1257826
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.1 28.7

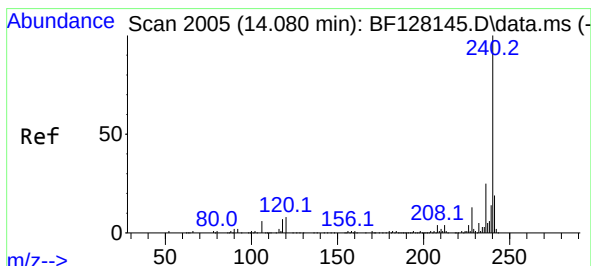
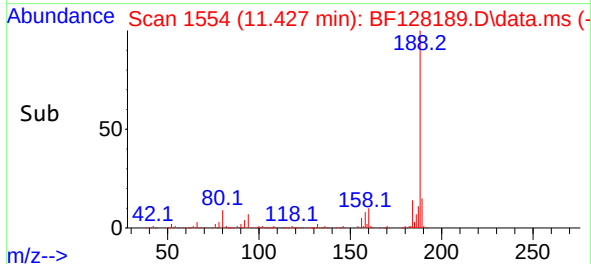
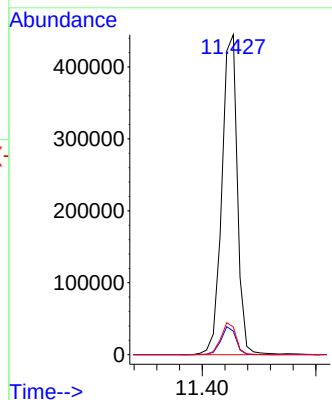
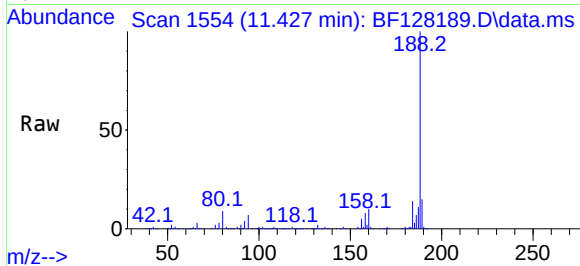




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

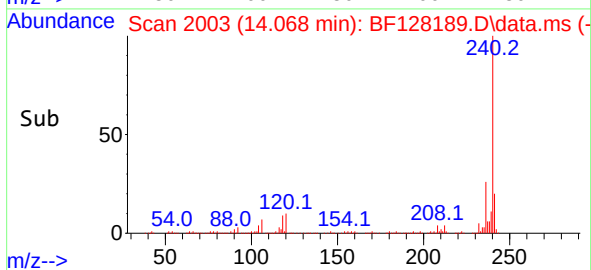
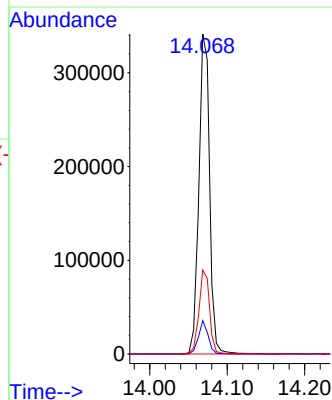
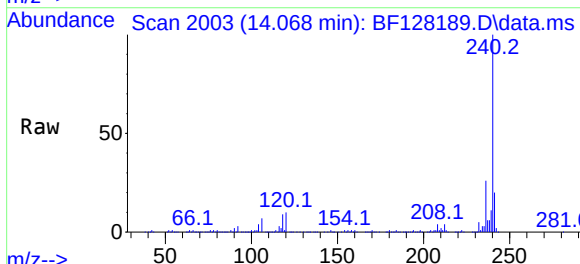
Instrument :
BNA_F
ClientSampleId :
PB144701TB

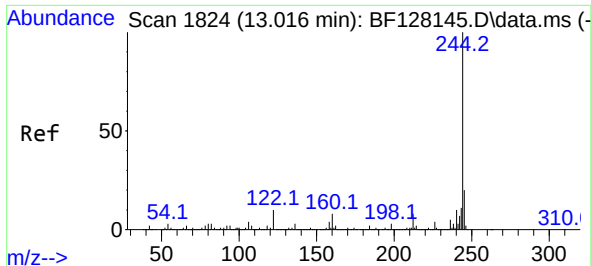
Tgt Ion:188 Resp: 422764
Ion Ratio Lower Upper
188 100
94 7.3 8.0 12.0#
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:240 Resp: 326793
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 26.2 20.3 30.5



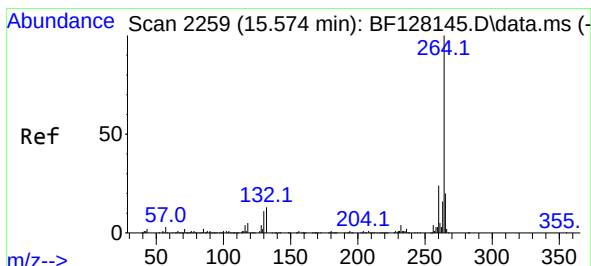
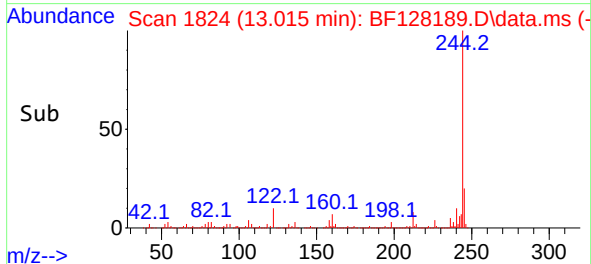
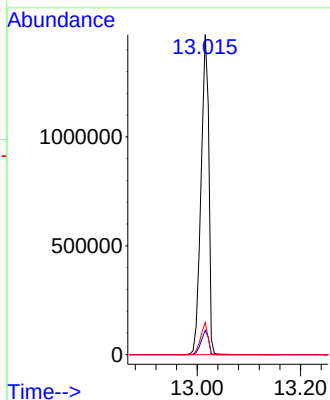
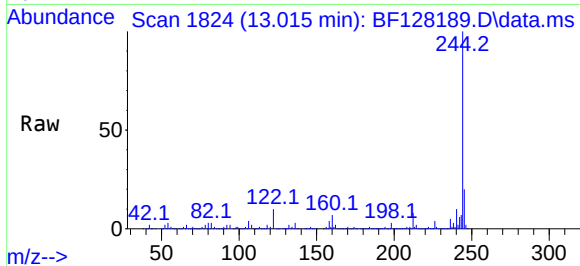


#79
 Terphenyl-d14
 Concen: 87.713 ng
 RT: 13.015 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128189.D
 Acq: 11 May 2022 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB144701TB

Tgt Ion:244 Resp: 1527584

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	10.1	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128189.D
 Acq: 11 May 2022 12:01

Tgt Ion:264 Resp: 270336

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.2	17.5	26.3

