

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141245.D
 Acq On : 23 Jan 2025 13:07
 Operator : RC/JU
 Sample : PB166185BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166185BL

Quant Time: Jan 23 13:52:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	181393	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	727254	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	411849	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	745461	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	599132	20.000	ng	0.00
86) Perylene-d12	15.469	264	451972	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1422234	121.122	ng	0.00
7) Phenol-d6	6.434	99	1776196	119.417	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1143716	83.364	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	657490	140.108	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	2201307	81.620	ng	-0.02
79) Terphenyl-d14	12.927	244	2972411	73.738	ng	0.00

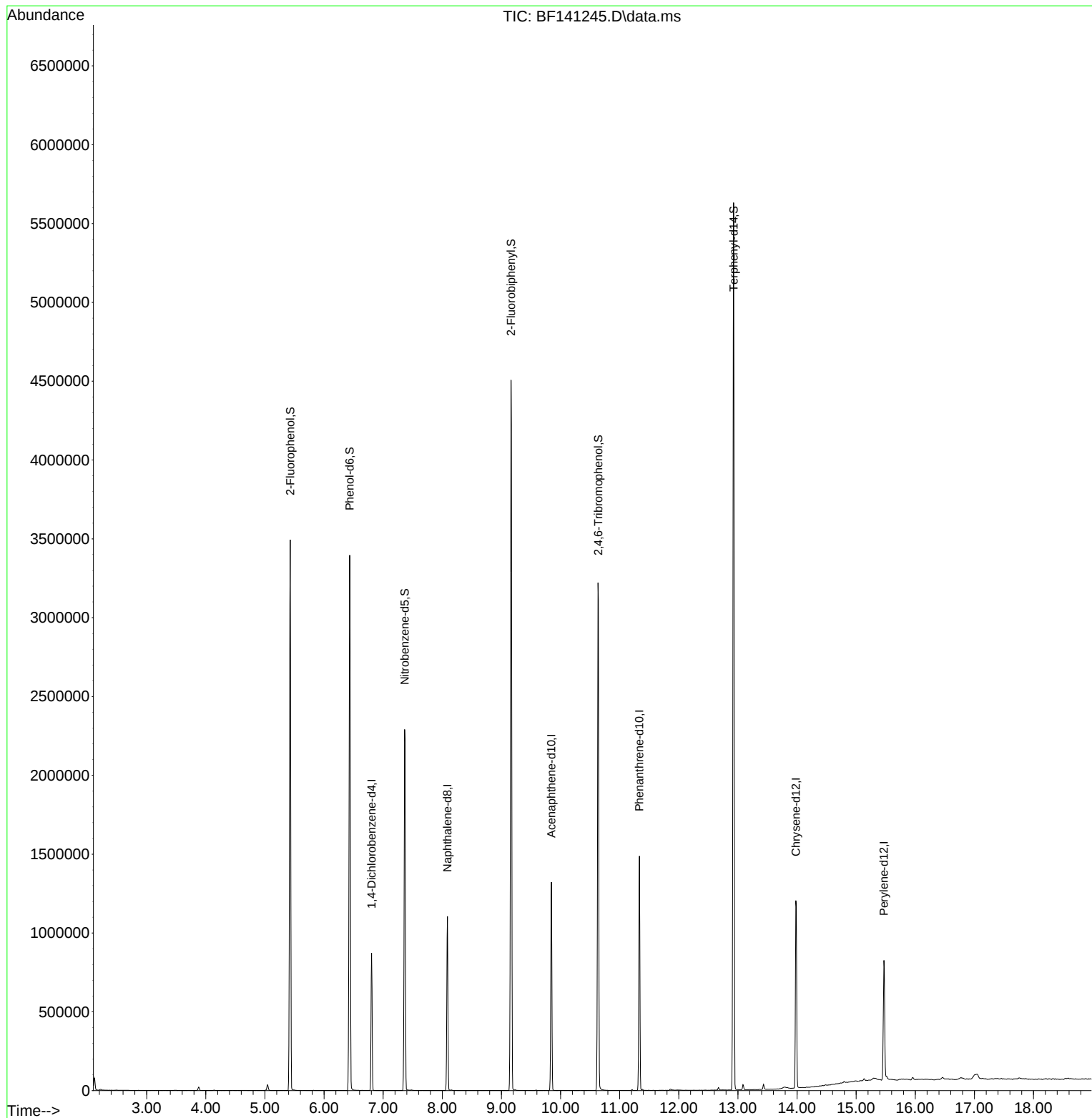
Target Compounds	Qvalue

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

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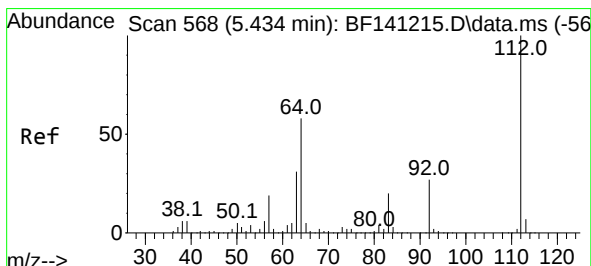
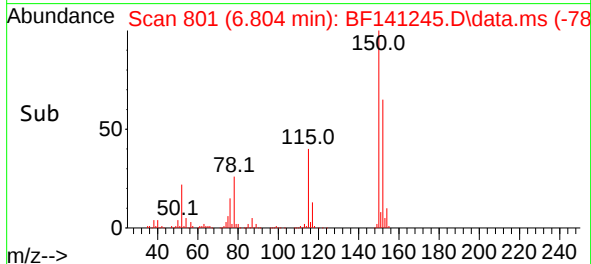
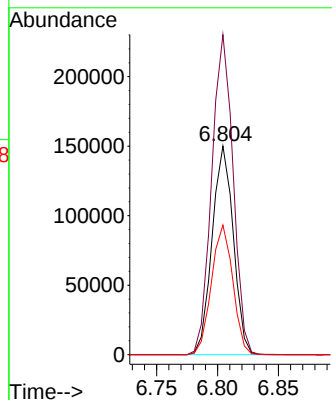
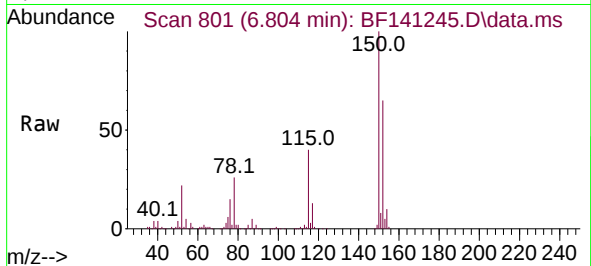




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

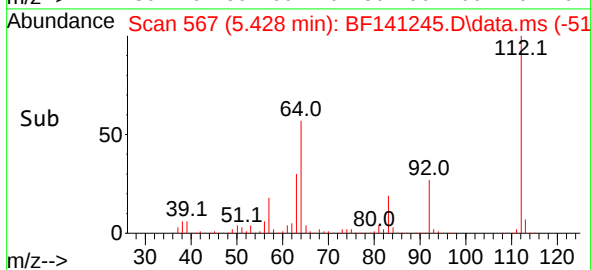
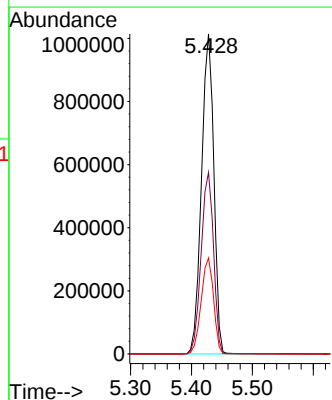
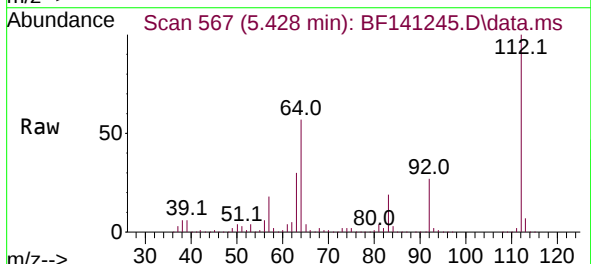
Instrument :
BNA_F
ClientSampleId :
PB166185BL

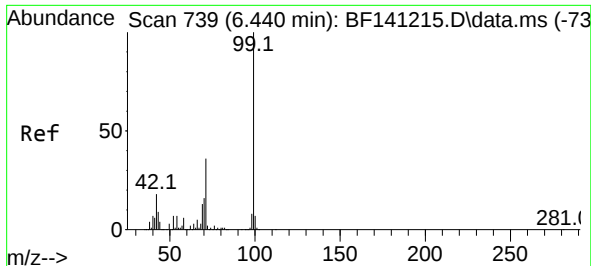
Tgt Ion:152 Resp: 181393
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.8
115 62.1 51.4 77.2



#5
2-Fluorophenol
Concen: 121.122 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion:112 Resp: 1422234
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 30.0 24.2 36.2



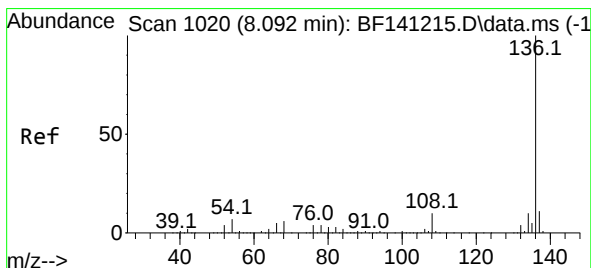
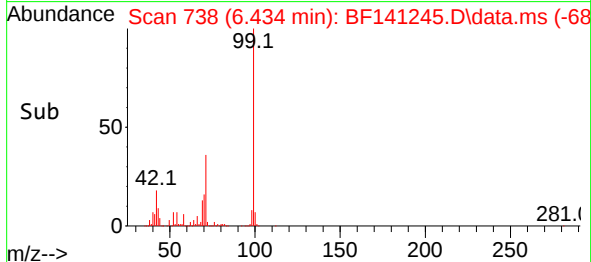
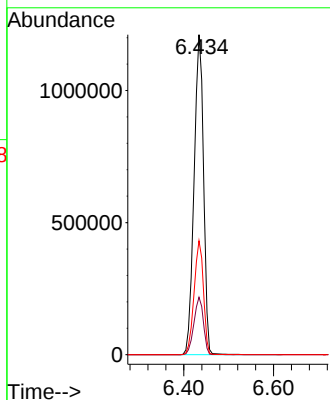
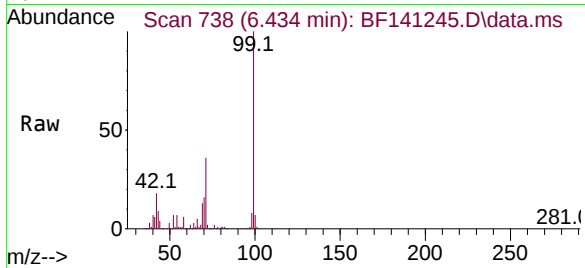


#7
Phenol-d6
Concen: 119.417 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB166185BL

Tgt Ion: 99 Resp: 1776196

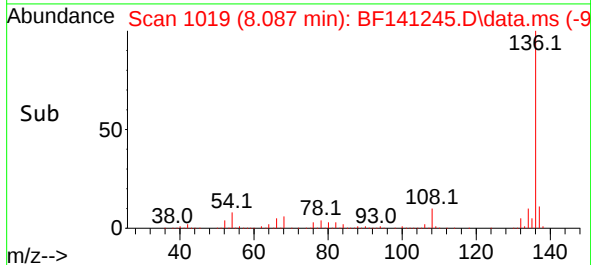
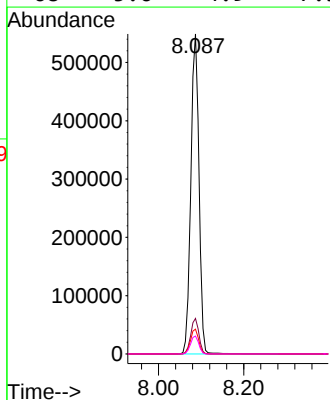
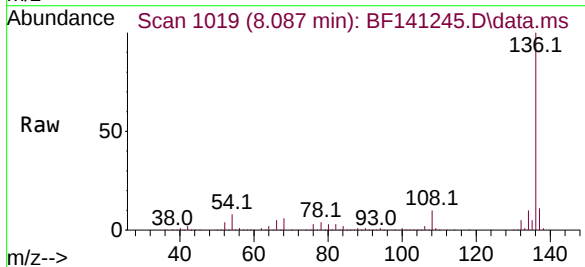
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	35.6	27.6	41.4

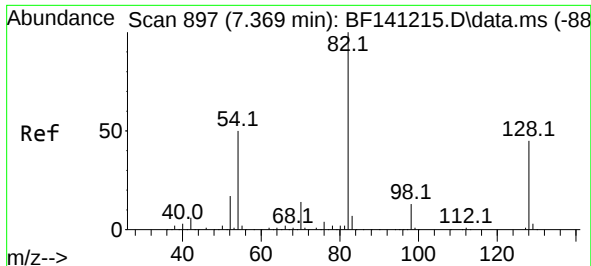


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion: 136 Resp: 727254

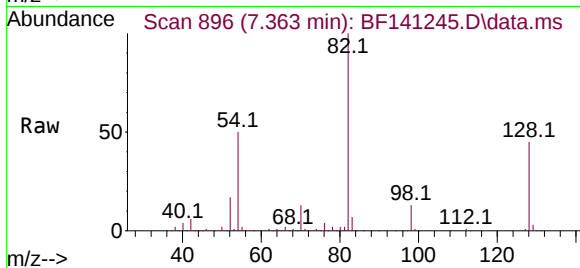
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.7	6.3	9.5
68	5.6	4.9	7.3





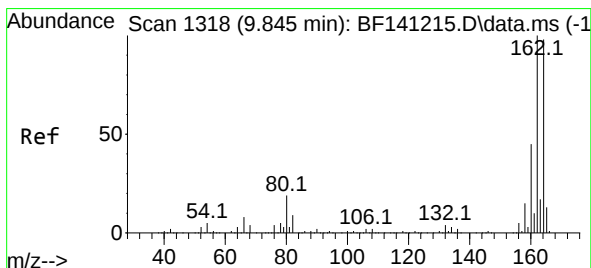
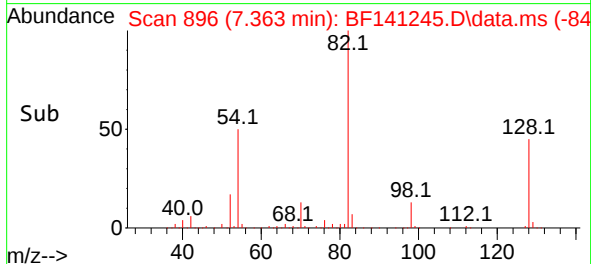
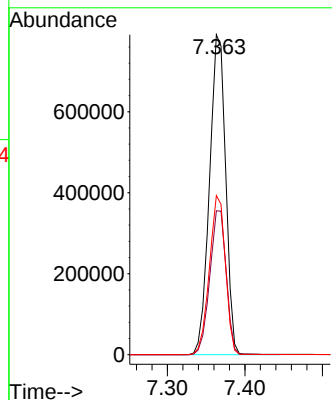
#23
Nitrobenzene-d5
Concen: 83.364 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB166185BL



Tgt Ion: 82 Resp: 1143716

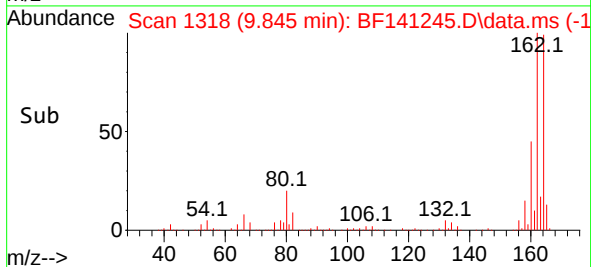
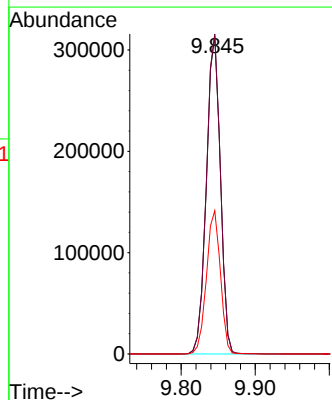
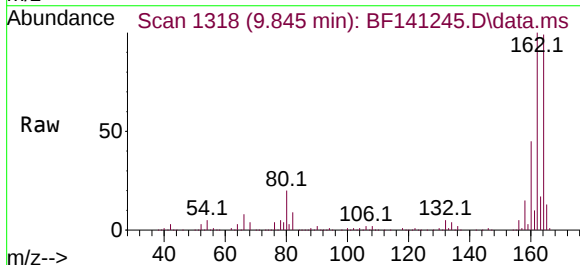
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	49.7	41.0	61.4

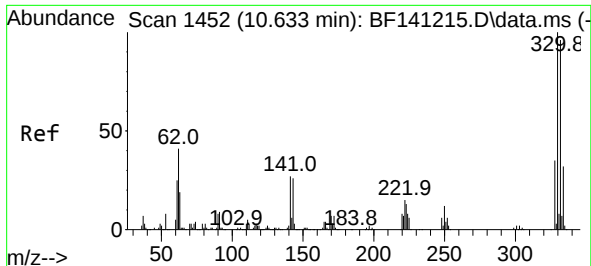


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion: 164 Resp: 411849

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.4
160	45.0	36.1	54.1

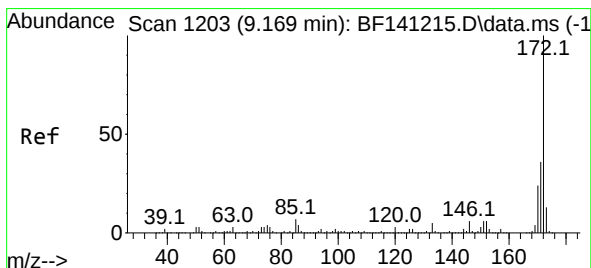
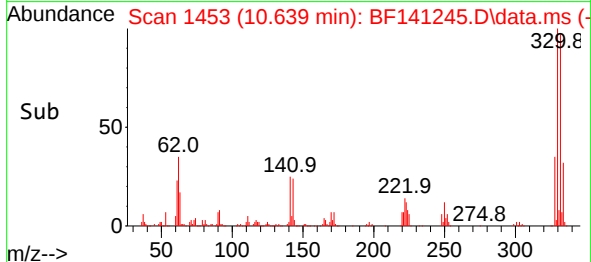
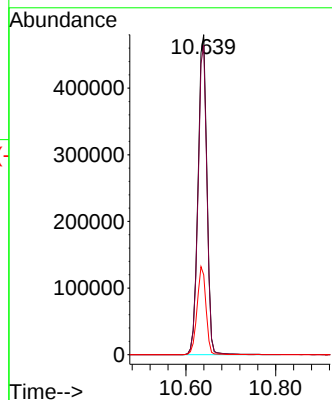
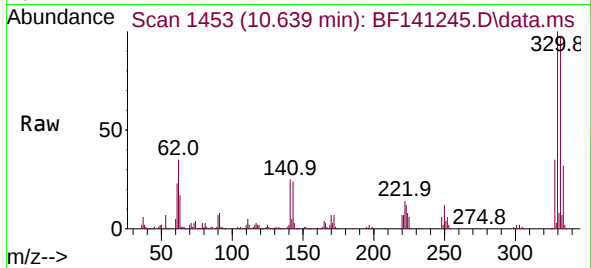




#42
 2,4,6-Tribromophenol
 Concen: 140.108 ng
 RT: 10.639 min Scan# 1452
 Delta R.T. -0.012 min
 Lab File: BF141245.D
 Acq: 23 Jan 2025 13:07

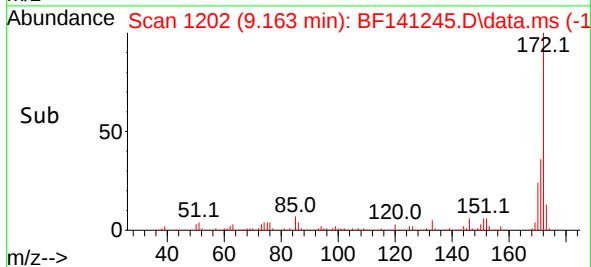
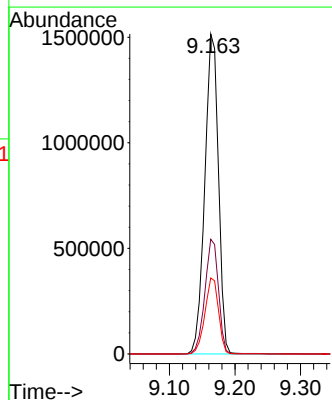
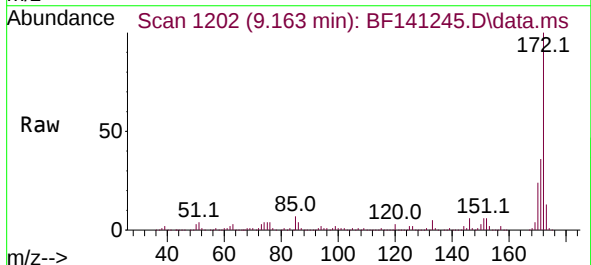
Instrument :
 BNA_F
 ClientSampleId :
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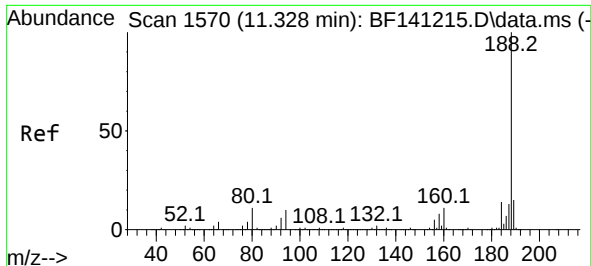
Tgt Ion:330 Resp: 657490
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 27.5 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 81.620 ng
 RT: 9.163 min Scan# 1202
 Delta R.T. -0.018 min
 Lab File: BF141245.D
 Acq: 23 Jan 2025 13:07

Tgt Ion:172 Resp: 2201307
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.7 43.1
 170 23.8 19.0 28.6

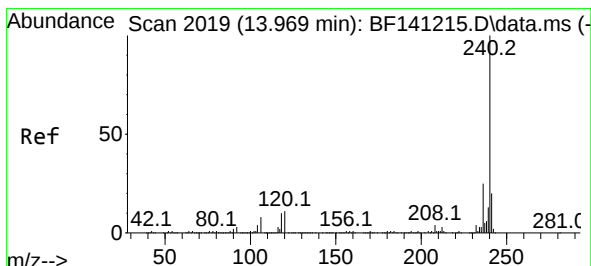
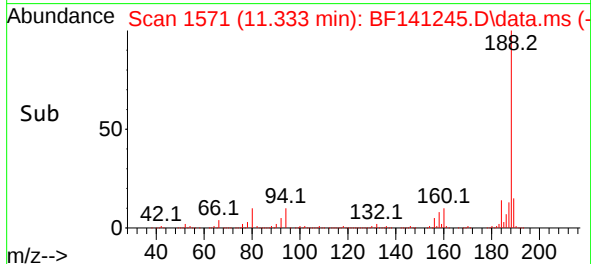
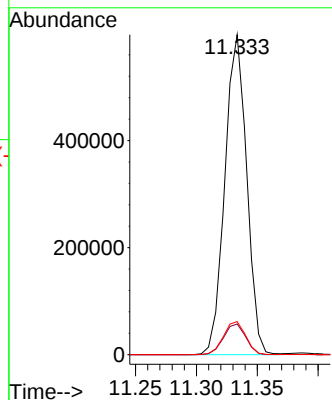
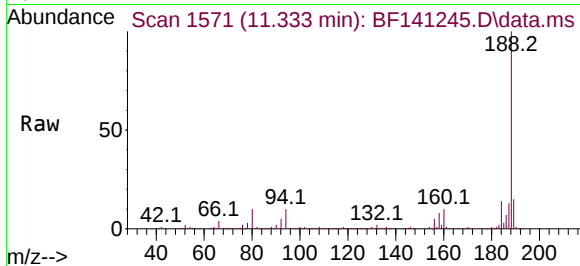




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

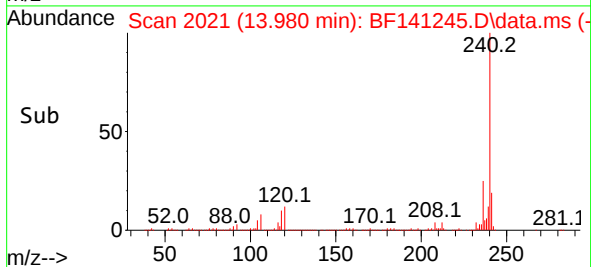
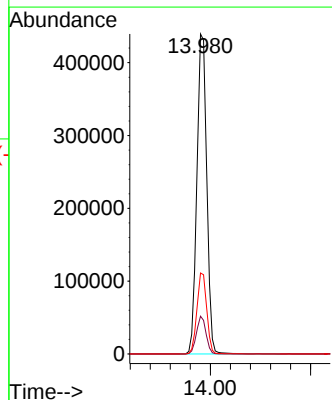
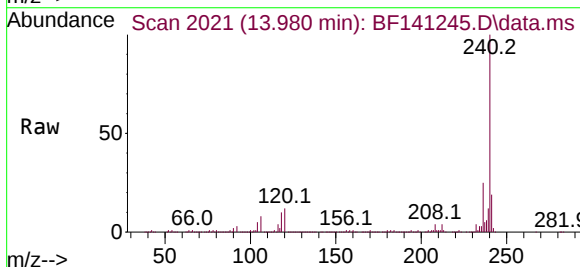
Instrument :
BNA_F
ClientSampleId :
PB166185BL

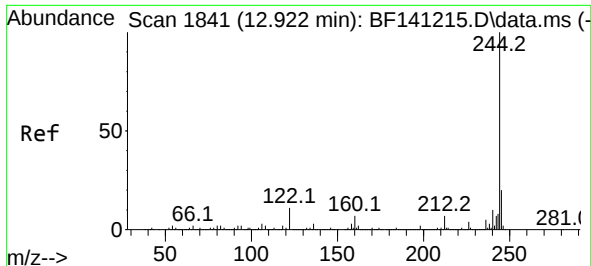
Tgt Ion:188 Resp: 745461
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141245.D
Acq: 23 Jan 2025 13:07

Tgt Ion:240 Resp: 599132
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 25.3 19.8 29.6

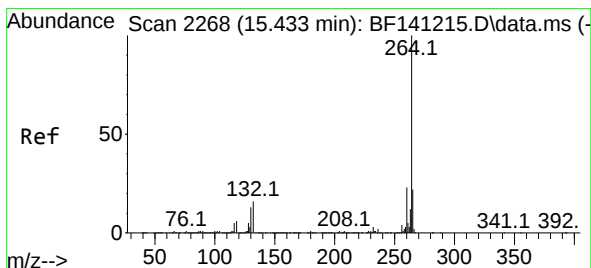
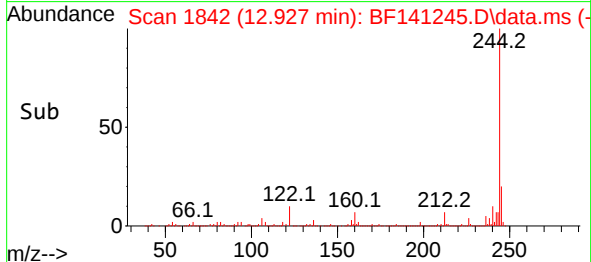
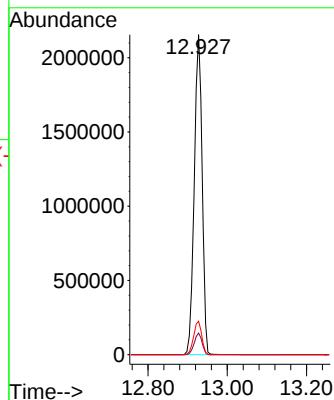
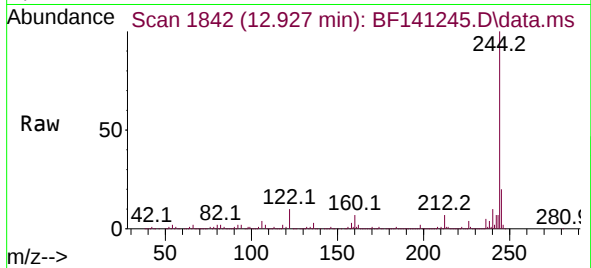




#79
 Terphenyl-d14
 Concen: 73.738 ng
 RT: 12.927 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF141245.D
 Acq: 23 Jan 2025 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB166185BL

Tgt Ion:244 Resp: 2972411
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.469 min Scan# 2274
 Delta R.T. 0.030 min
 Lab File: BF141245.D
 Acq: 23 Jan 2025 13:07

Tgt Ion:264 Resp: 451972
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.7 17.4 26.0

