

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012725\
 Data File : BF141270.D
 Acq On : 27 Jan 2025 14:11
 Operator : RC/JU
 Sample : Q1187-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Quant Time: Jan 27 14:32:43 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	140751	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	555938	20.000	ng	-0.02
39) Acenaphthene-d10	9.839	164	287866	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	465072	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	367579	20.000	ng	-0.02
86) Perylene-d12	15.433	264	386017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1104260	121.197	ng	0.00
7) Phenol-d6	6.434	99	1373013	118.965	ng	-0.01
23) Nitrobenzene-d5	7.363	82	881229	84.025	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	386108	117.714	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	1626873	86.301	ng	-0.02
79) Terphenyl-d14	12.921	244	1733847	70.108	ng	-0.01

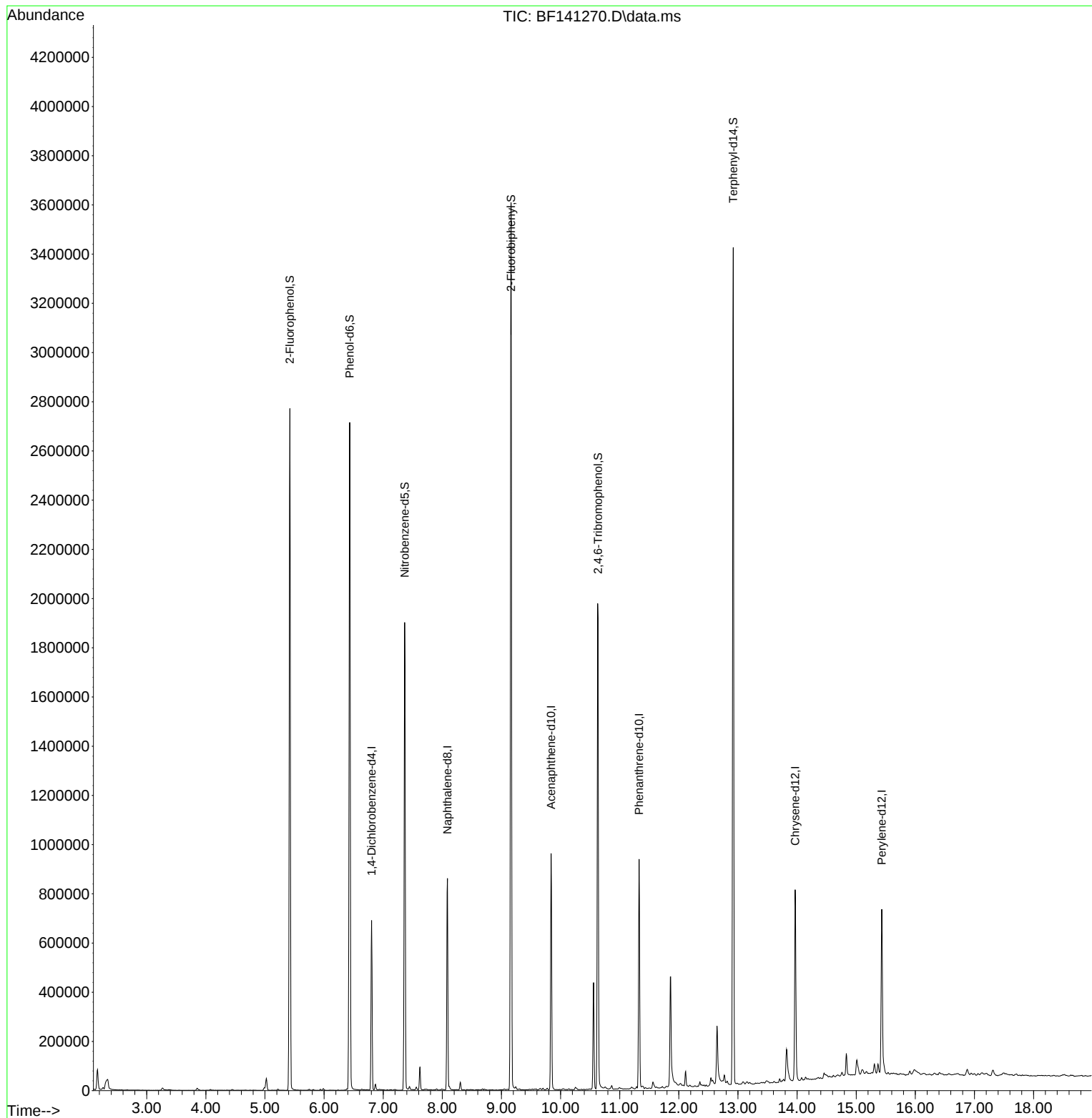
Target Compounds	Qvalue

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

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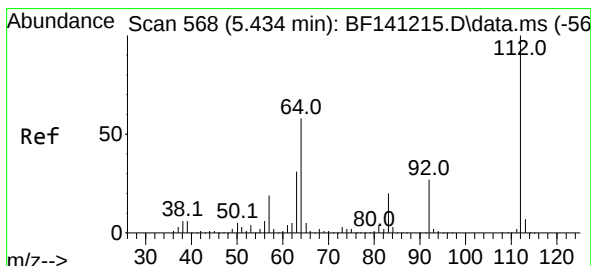
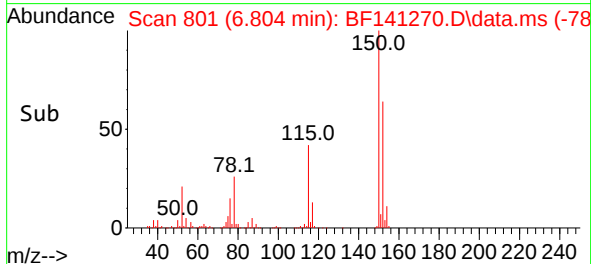
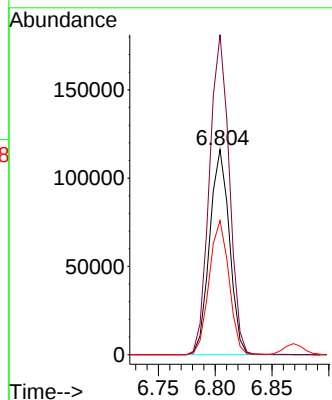
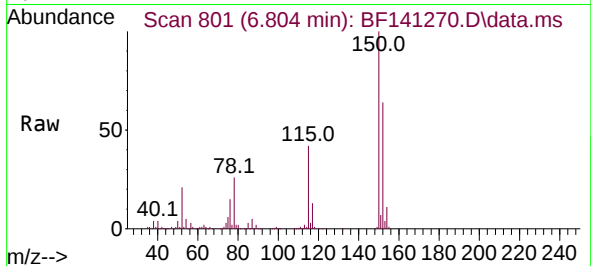




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.018 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

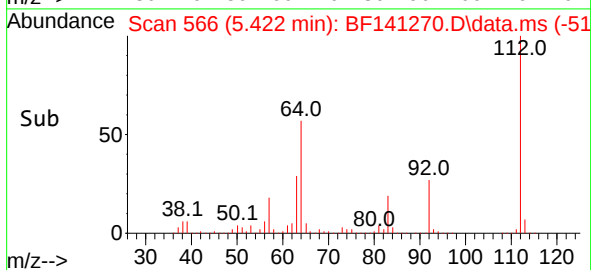
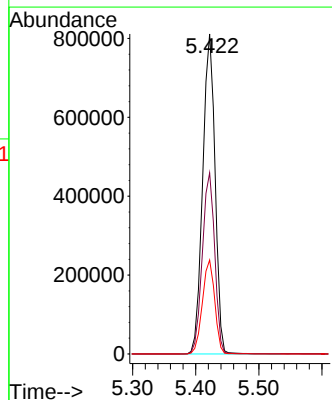
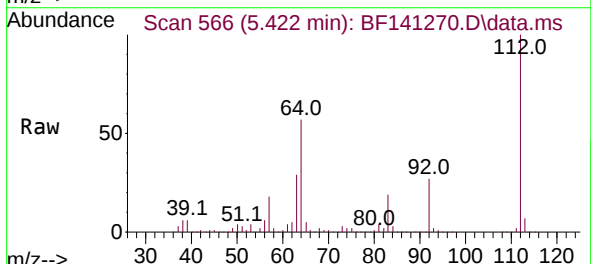
Instrument :
BNA_F
ClientSampleId :
SP-COMP

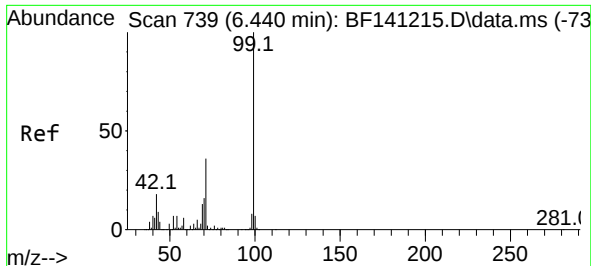
Tgt Ion:152 Resp: 140751
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.8
115 65.3 51.4 77.2



#5
2-Fluorophenol
Concen: 121.197 ng
RT: 5.422 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

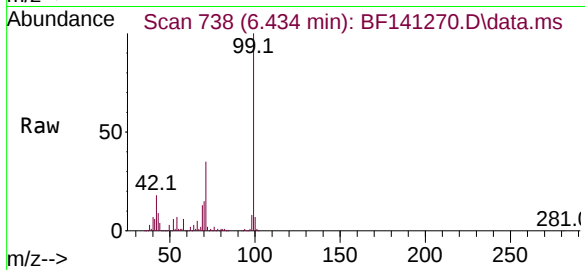
Tgt Ion:112 Resp: 1104260
Ion Ratio Lower Upper
112 100
64 56.6 47.3 70.9
63 29.3 24.2 36.2





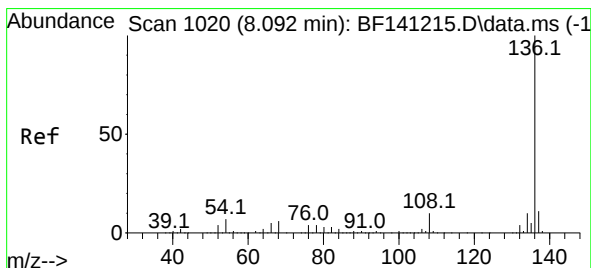
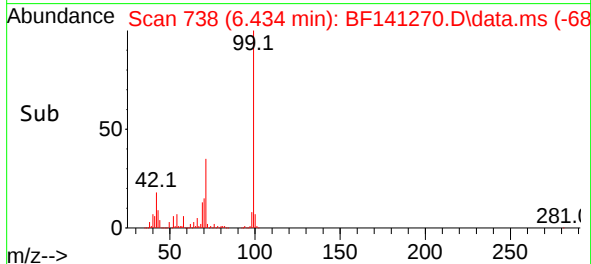
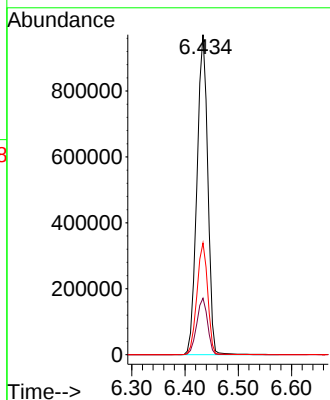
#7
Phenol-d6
Concen: 118.965 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

Instrument :
BNA_F
ClientSampleId :
SP-COMP



Tgt Ion: 99 Resp: 1373013

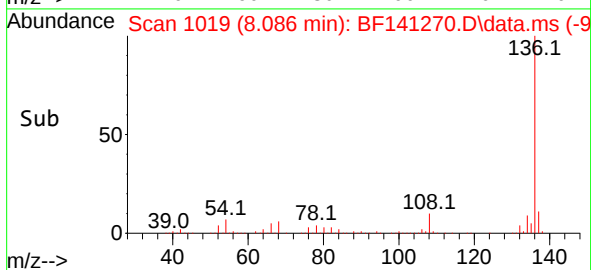
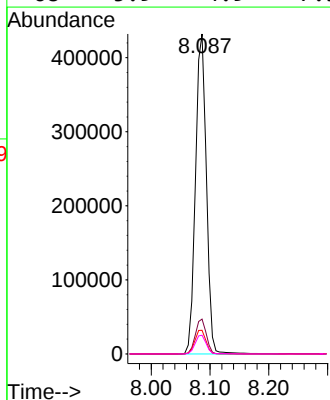
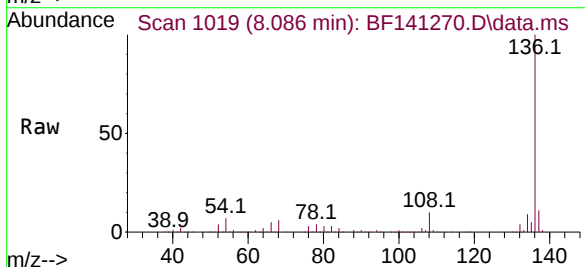
Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.0	22.4
71	34.9	27.6	41.4

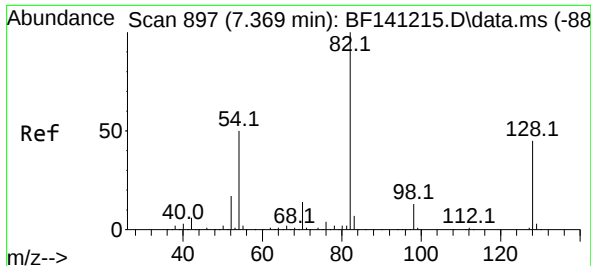


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

Tgt Ion: 136 Resp: 555938

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.4	6.3	9.5
68	5.9	4.9	7.3

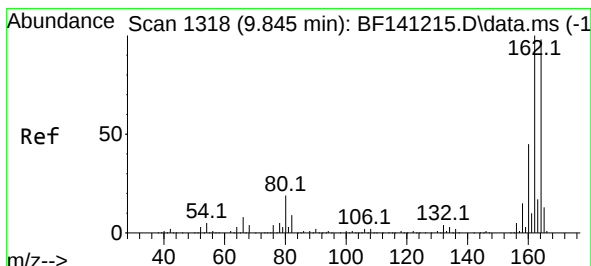
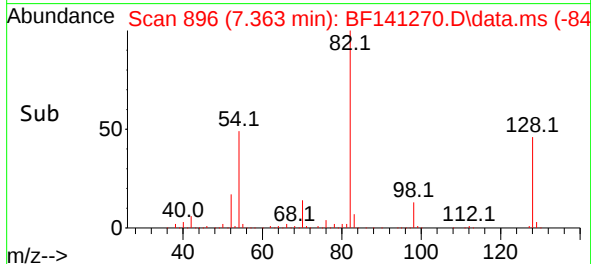
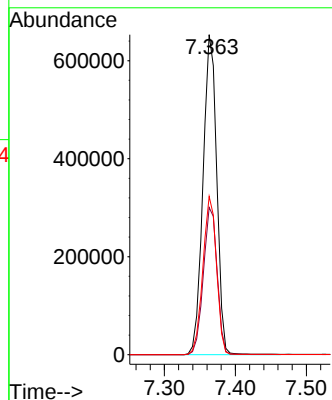
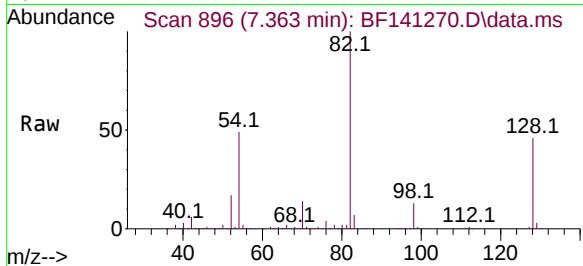




#23
Nitrobenzene-d5
Concen: 84.025 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

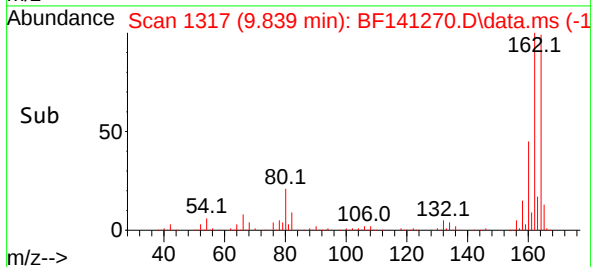
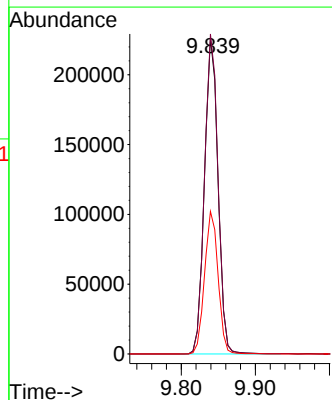
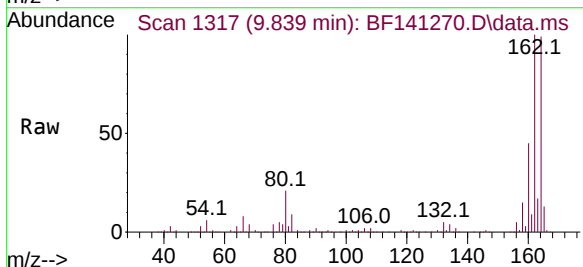
Instrument :
BNA_F
ClientSampleId :
SP-COMP

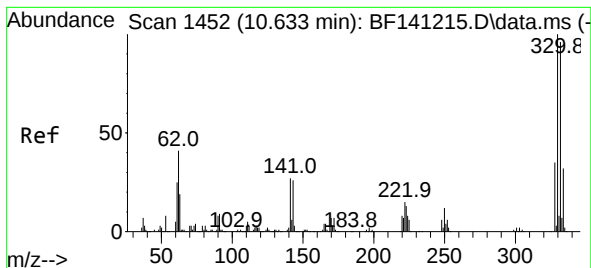
Tgt Ion: 82 Resp: 881229
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 49.4 41.0 61.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

Tgt Ion:164 Resp: 287866
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.1 36.1 54.1

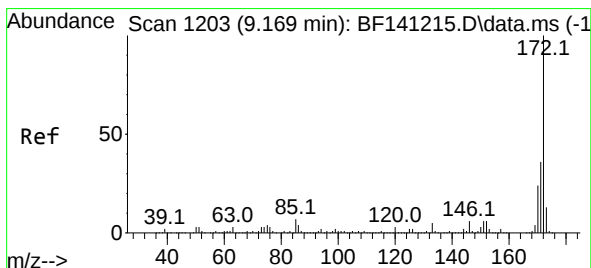
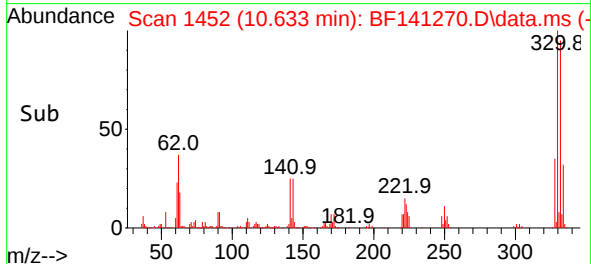
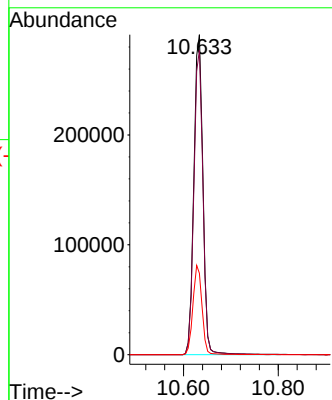
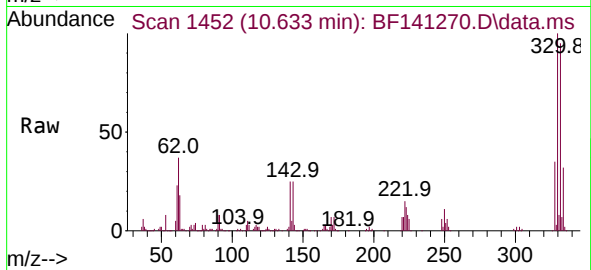




#42
 2,4,6-Tribromophenol
 Concen: 117.714 ng
 RT: 10.633 min Scan# 1452
 Delta R.T. -0.018 min
 Lab File: BF141270.D
 Acq: 27 Jan 2025 14:11

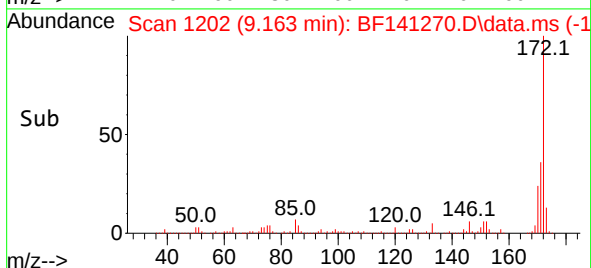
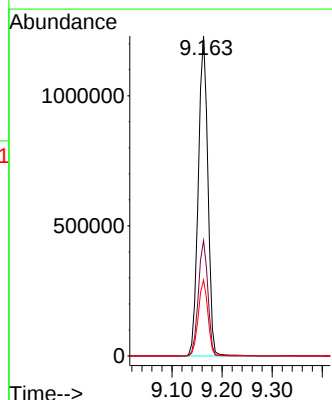
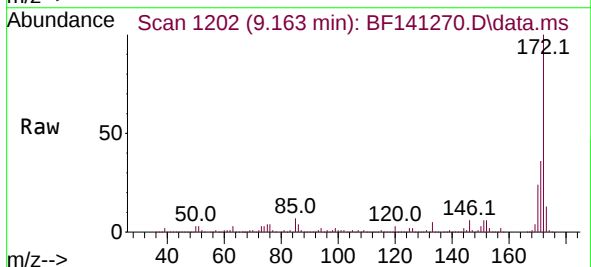
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

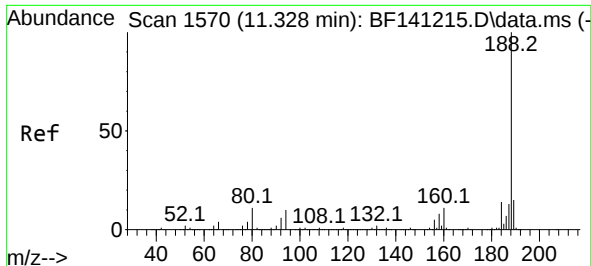
Tgt Ion:330 Resp: 386108
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.9 115.3
 141 28.0 25.2 37.8



#45
 2-Fluorobiphenyl
 Concen: 86.301 ng
 RT: 9.163 min Scan# 1202
 Delta R.T. -0.018 min
 Lab File: BF141270.D
 Acq: 27 Jan 2025 14:11

Tgt Ion:172 Resp: 1626873
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.7 43.1
 170 23.8 19.0 28.6

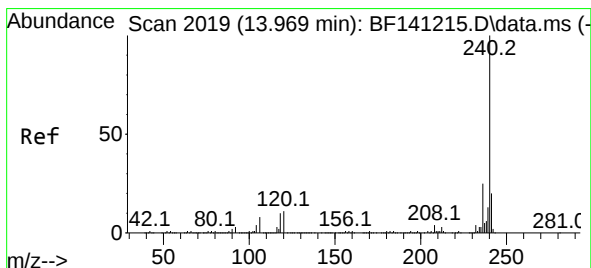
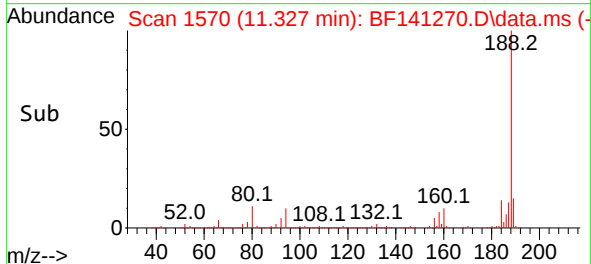
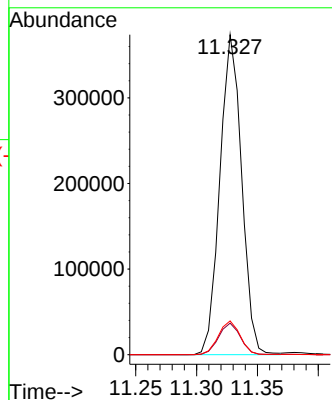
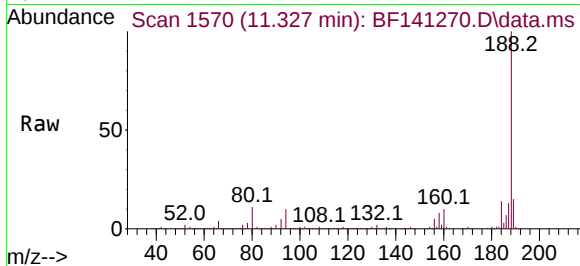




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

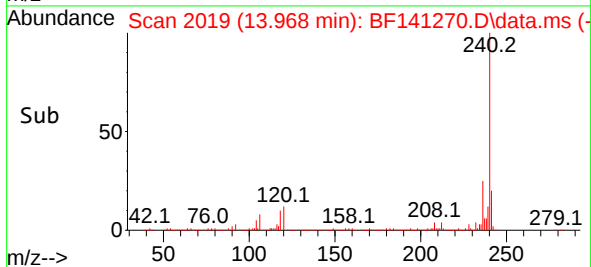
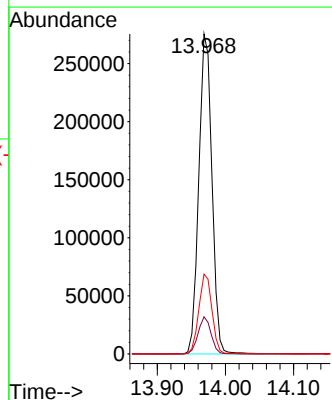
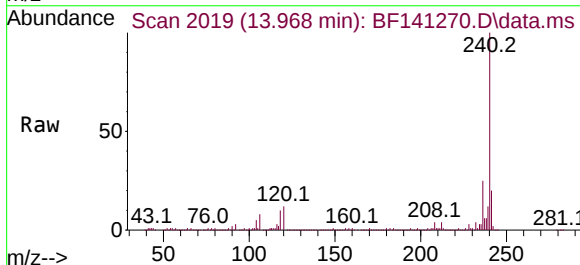
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BNA_F
ClientSampleId :
SP-COMP

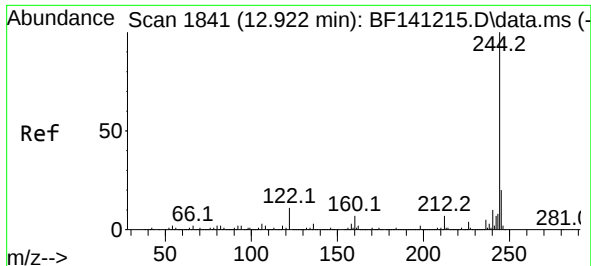
Tgt Ion:188 Resp: 465072
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF141270.D
Acq: 27 Jan 2025 14:11

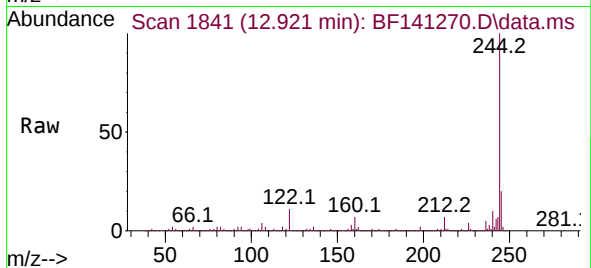
Tgt Ion:240 Resp: 367579
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 25.0 19.8 29.6



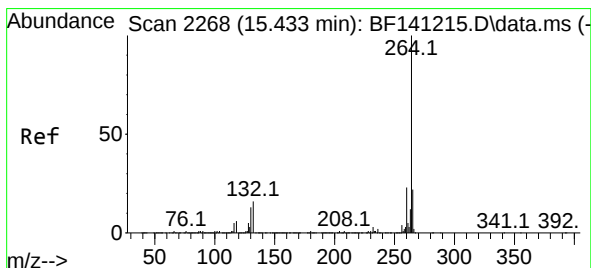
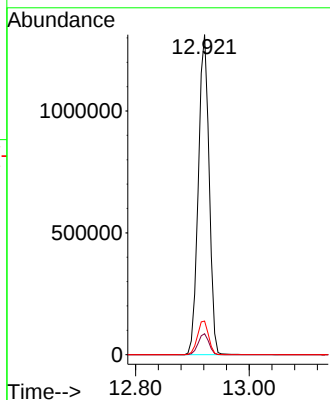
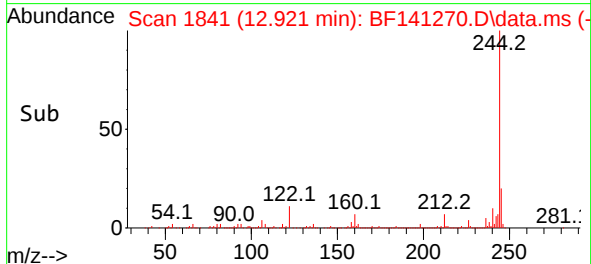


#79
 Terphenyl-d14
 Concen: 70.108 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141270.D
 Acq: 27 Jan 2025 14:11

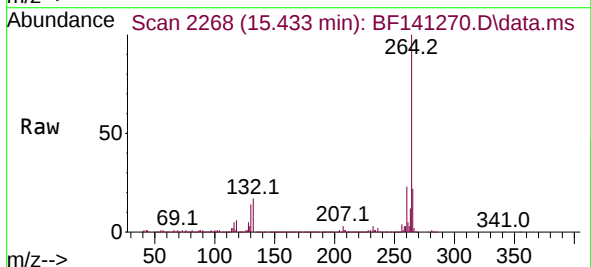
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP



Tgt Ion:244 Resp: 1733847
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF141270.D
 Acq: 27 Jan 2025 14:11



Tgt Ion:264 Resp: 386017
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.1 17.4 26.0

