

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142135.D
 Acq On : 27 Mar 2025 20:13
 Operator : RC/JU
 Sample : Q1648-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Mar 28 01:56:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	165276	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	675759	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	353292	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	534715	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	343853	20.000	ng	0.00
86) Perylene-d12	15.509	264	353281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1256840	126.916	ng	0.01
7) Phenol-d6	6.498	99	1361987	108.020	ng	0.00
23) Nitrobenzene-d5	7.434	82	1161144	96.698	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	644030	143.693	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2428104	104.522	ng	-0.01
79) Terphenyl-d14	12.980	244	2189393	94.137	ng	0.00

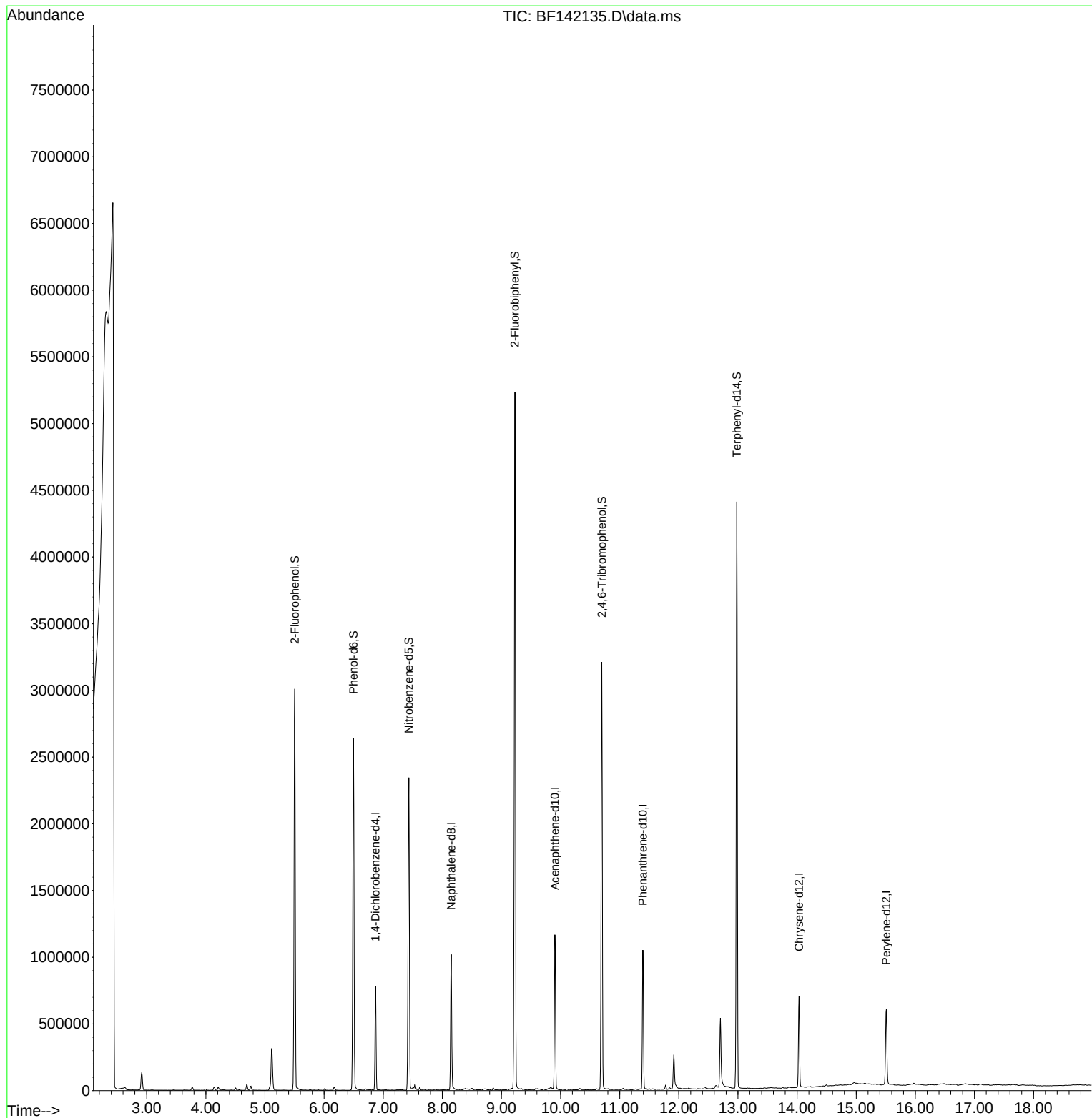
Target Compounds	Qvalue

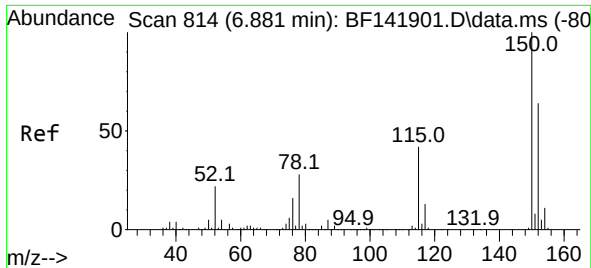
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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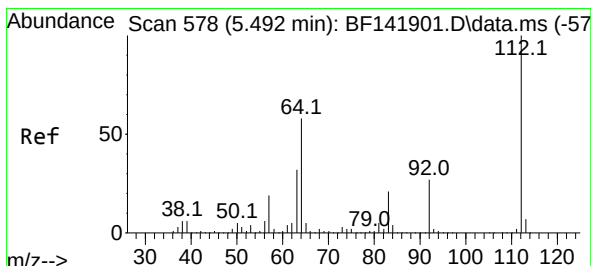
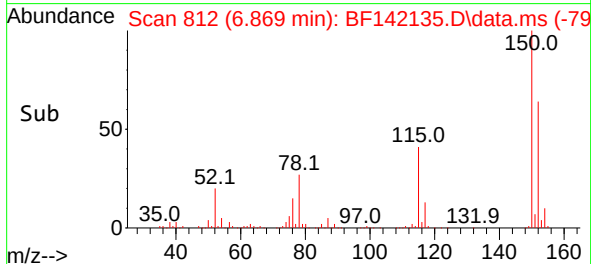
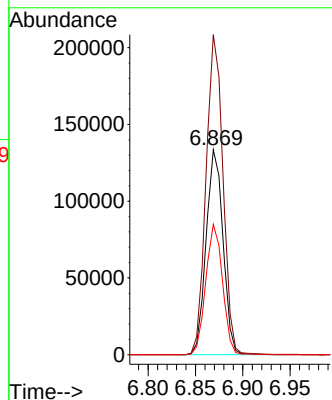
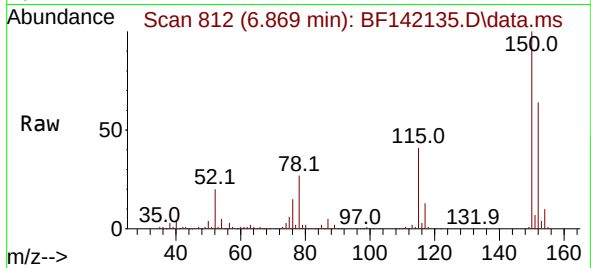




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142135.D
Acq: 27 Mar 2025 20:13

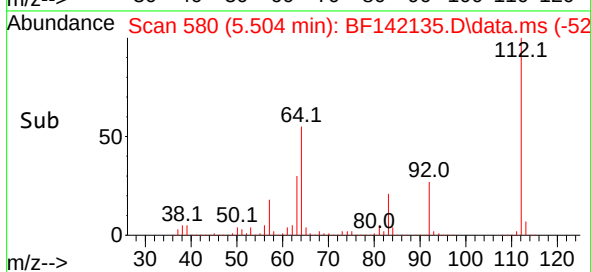
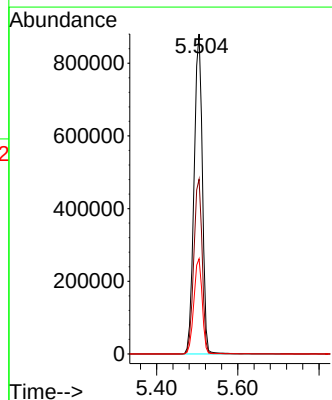
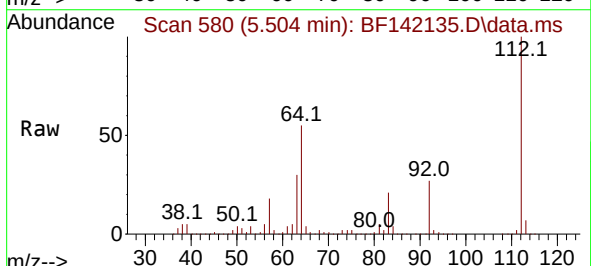
Instrument :
BNA_F
ClientSampleId :
TP-4

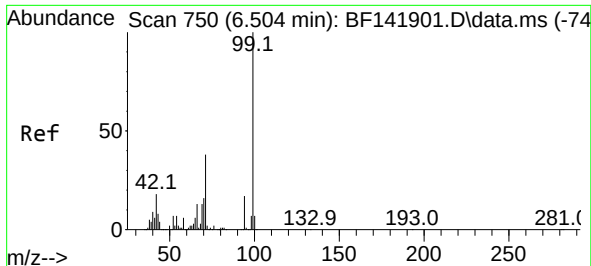
Tgt Ion:152 Resp: 165276
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.2
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 126.916 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142135.D
Acq: 27 Mar 2025 20:13

Tgt Ion:112 Resp: 1256840
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.7 25.4 38.2

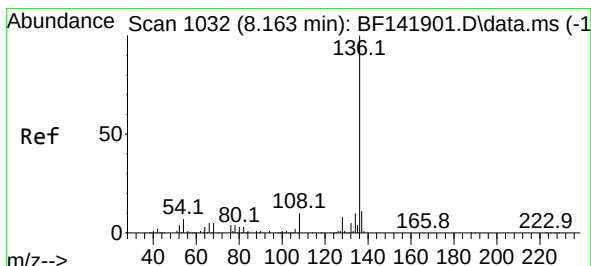
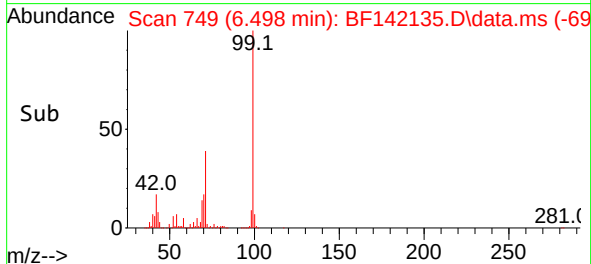
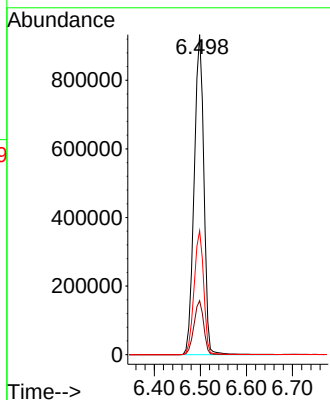
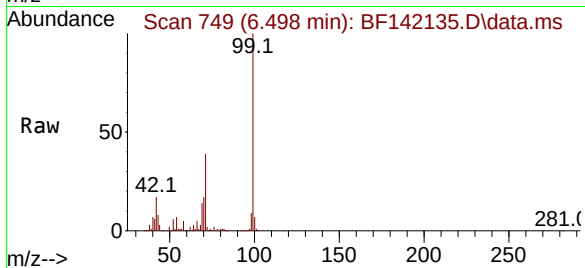




#7
Phenol-d6
Concen: 108.020 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142135.D
Acq: 27 Mar 2025 20:13

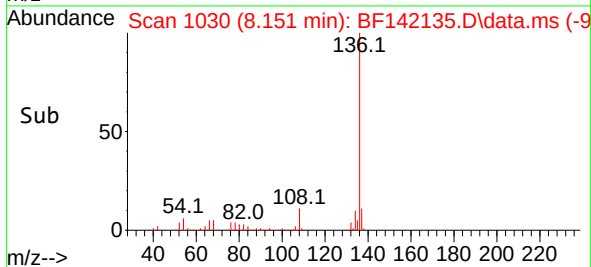
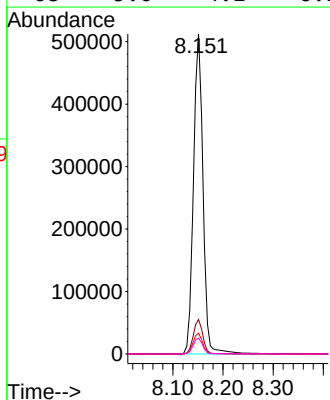
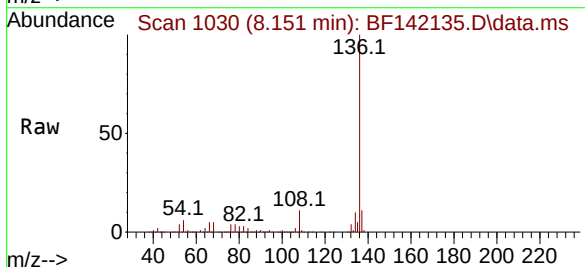
Instrument :
BNA_F
ClientSampleId :
TP-4

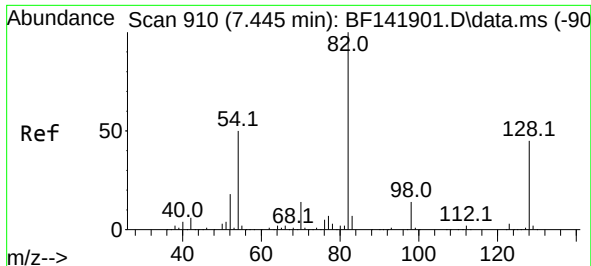
Tgt Ion: 99 Resp: 1361987
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.7 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142135.D
Acq: 27 Mar 2025 20:13

Tgt Ion:136 Resp: 675759
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.8 8.8
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.698 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142135.D

Acq: 27 Mar 2025 20:13

Instrument :

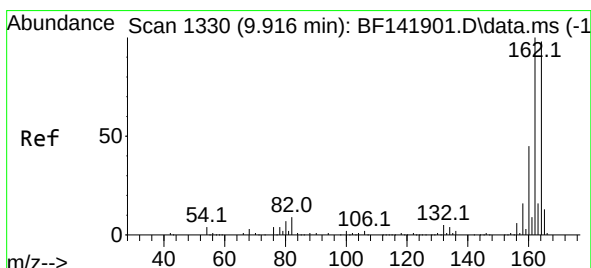
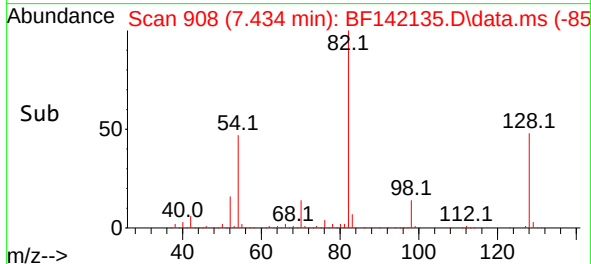
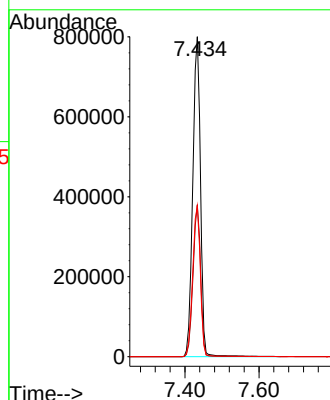
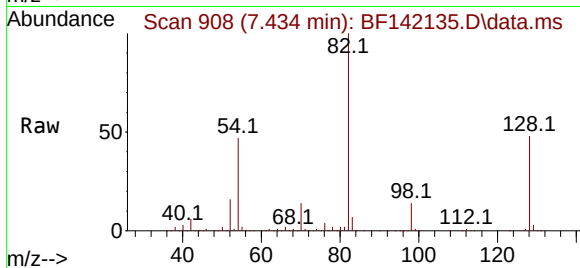
BNA_F

ClientSampleId :

TP-4

Tgt Ion: 82 Resp: 1161144

Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.0	54.0
54	47.1	39.6	59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

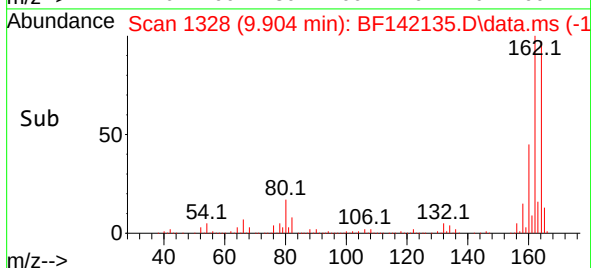
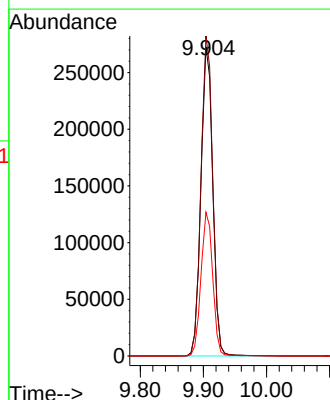
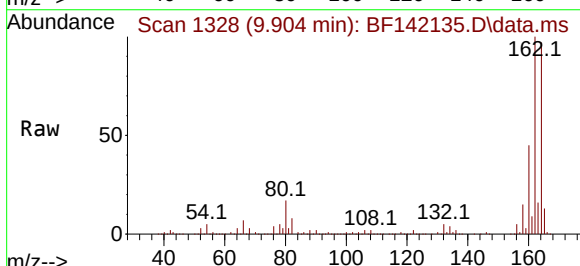
Delta R.T. -0.012 min

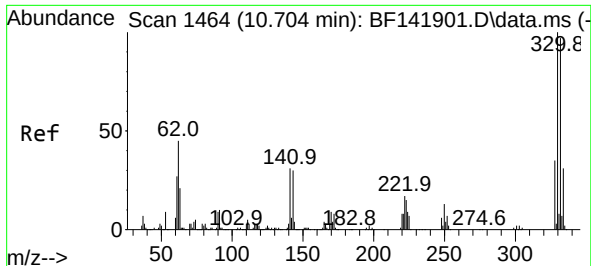
Lab File: BF142135.D

Acq: 27 Mar 2025 20:13

Tgt Ion:164 Resp: 353292

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.8	122.6
160	46.5	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 143.693 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142135.D

Acq: 27 Mar 2025 20:13

Instrument :

BNA_F

ClientSampleId :

TP-4

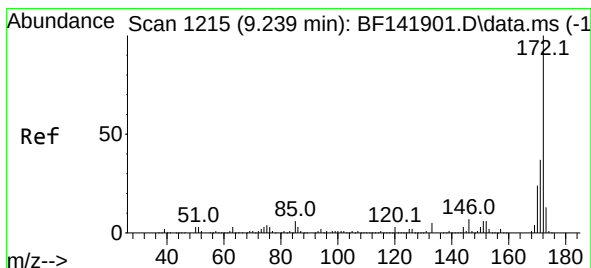
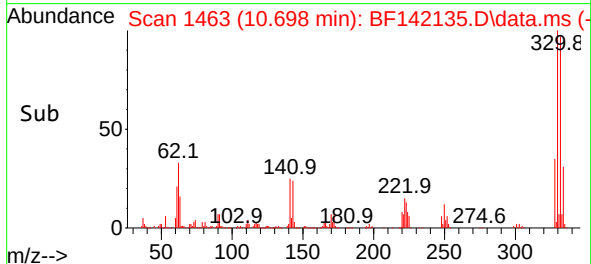
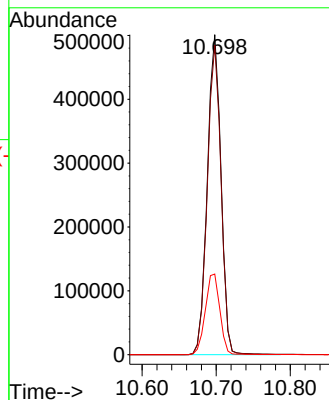
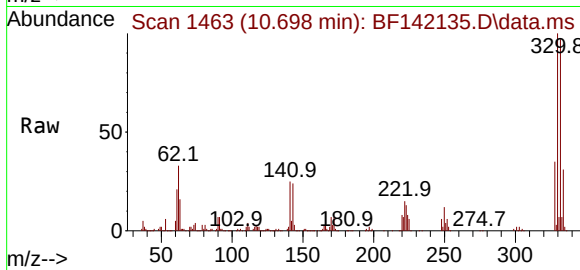
Tgt Ion:330 Resp: 644030

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 26.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 104.522 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142135.D

Acq: 27 Mar 2025 20:13

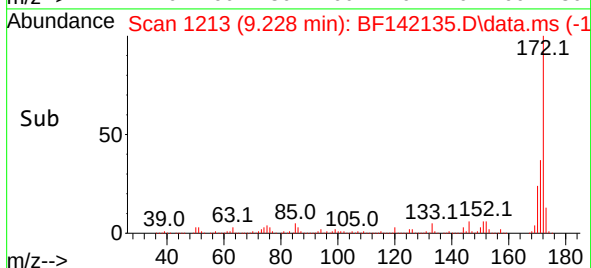
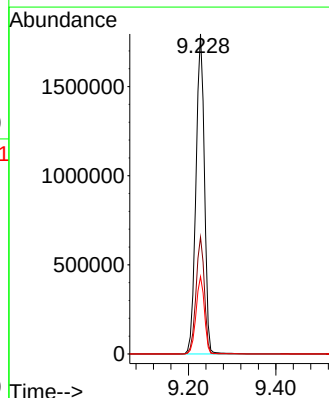
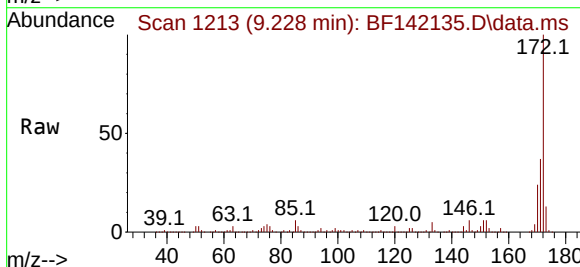
Tgt Ion:172 Resp: 2428104

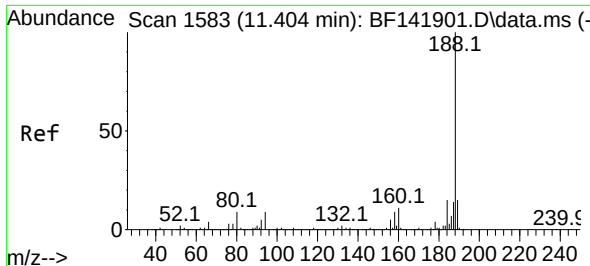
Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

170 24.2 19.4 29.0

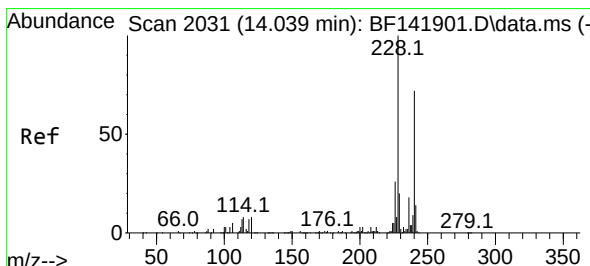
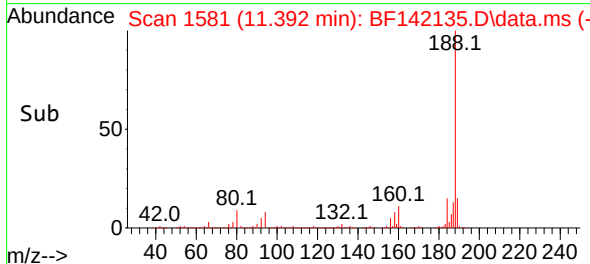
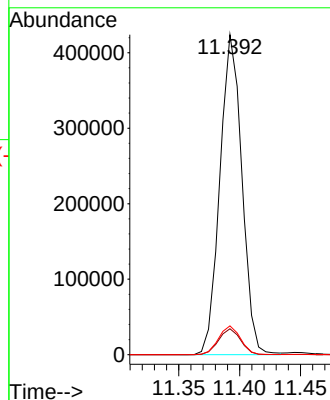
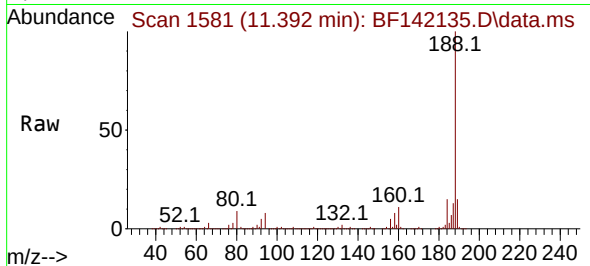




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142135.D
Acq: 27 Mar 2025 20:13

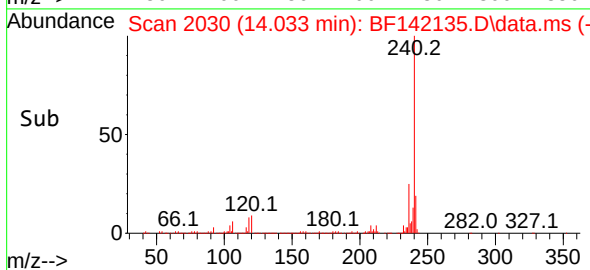
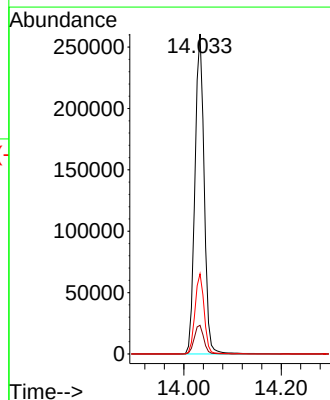
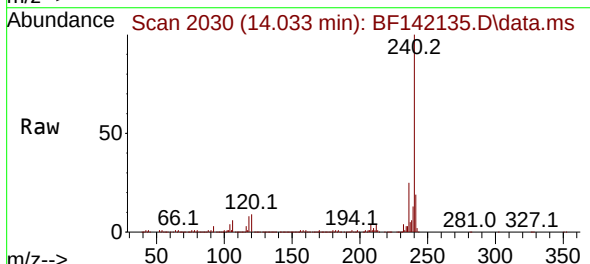
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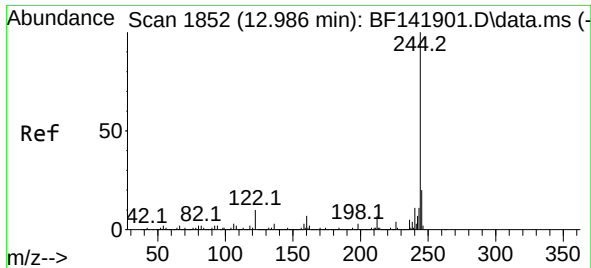
Tgt Ion:188 Resp: 534715
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142135.D
Acq: 27 Mar 2025 20:13

Tgt Ion:240 Resp: 343853
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.0 20.5 30.7

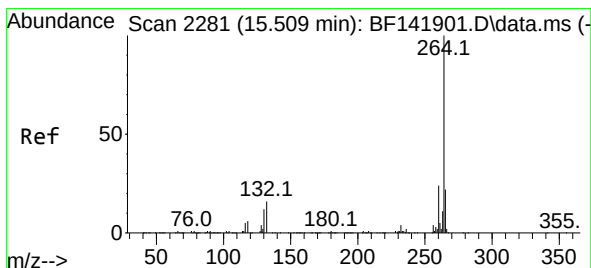
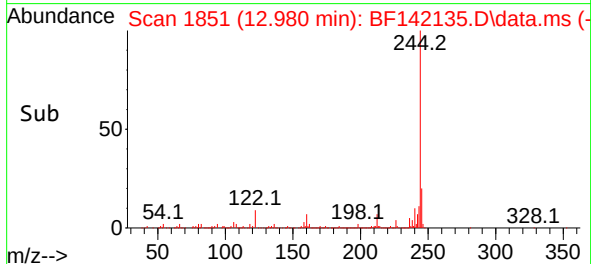
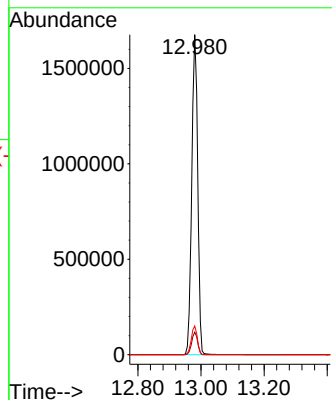
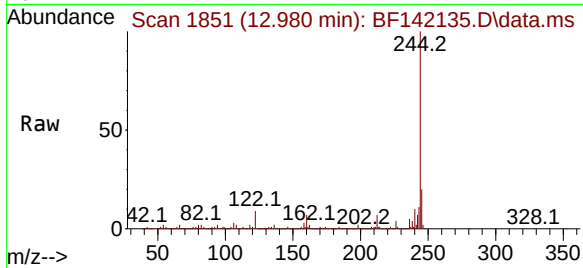




#79
 Terphenyl-d14
 Concen: 94.137 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142135.D
 Acq: 27 Mar 2025 20:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 2189393
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142135.D
 Acq: 27 Mar 2025 20:13

Tgt Ion:264 Resp: 353281
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.1 17.5 26.3

