

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121525\
 Data File : BF144483.D
 Acq On : 15 Dec 2025 19:34
 Operator : RC/JU
 Sample : Q3839-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AT6

Quant Time: Dec 16 00:43:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 12 15:57:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	220363	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	853077	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	457944	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	772123	20.000	ng	0.00
76) Chrysene-d12	13.939	240	615736	20.000	ng	0.00
86) Perylene-d12	15.374	264	462130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	666028	45.572	ng	0.00
7) Phenol-d6	6.404	99	523246	28.704	ng	-0.01
23) Nitrobenzene-d5	7.351	82	1030877	75.620	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	545976	131.870	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1933140	64.759	ng	0.00
79) Terphenyl-d14	12.898	244	2246847	57.611	ng	0.00

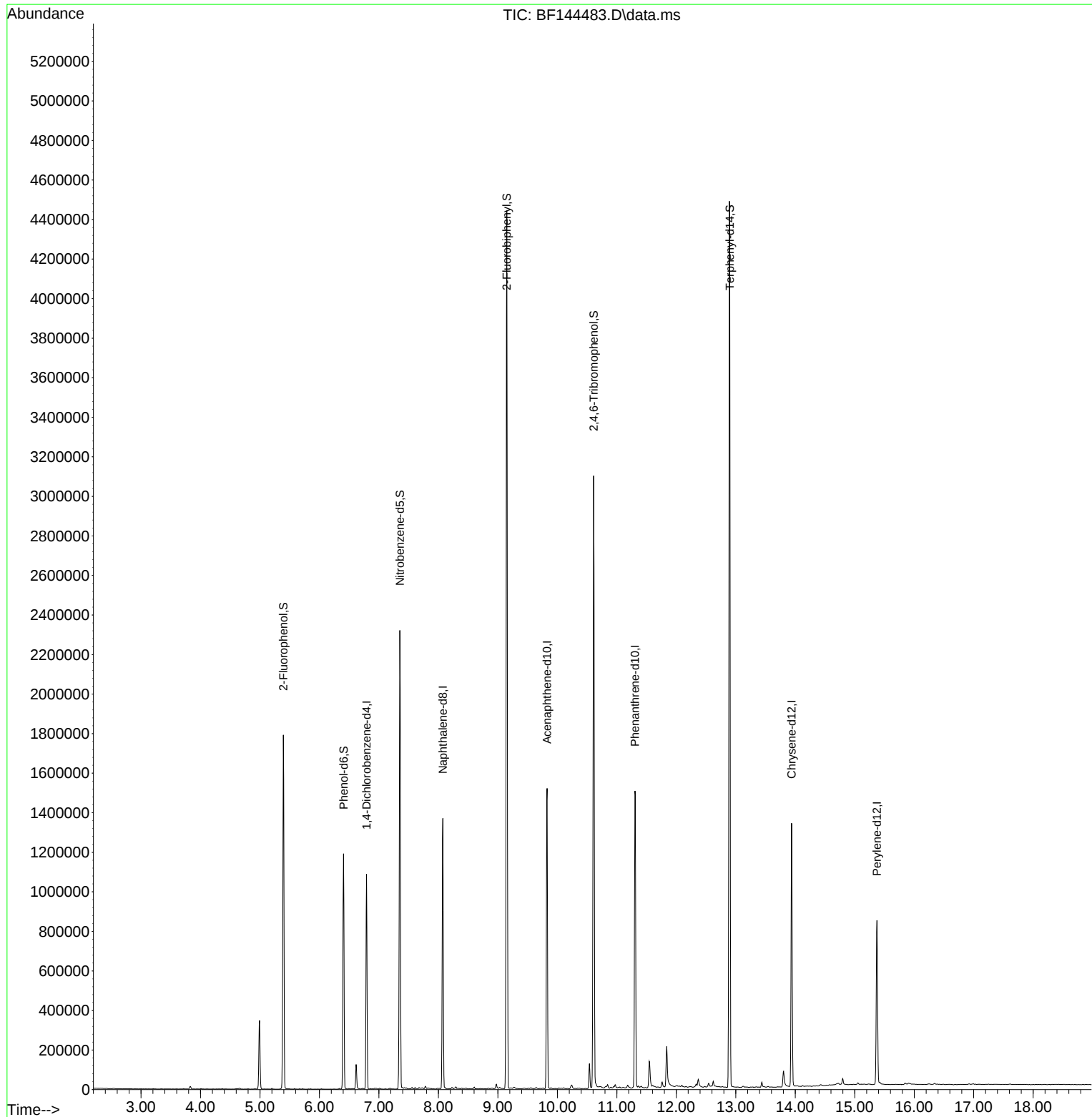
Target Compounds	Qvalue

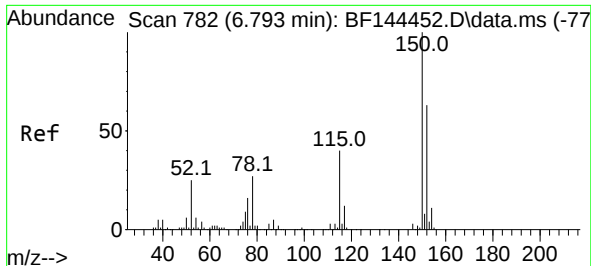
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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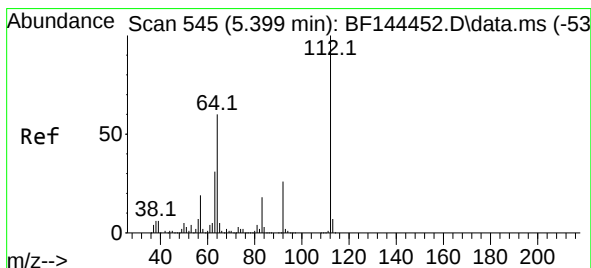
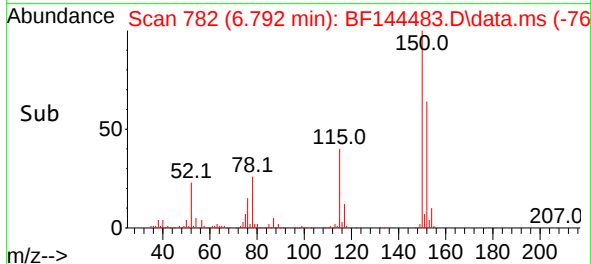
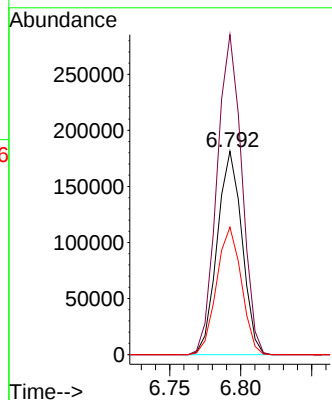
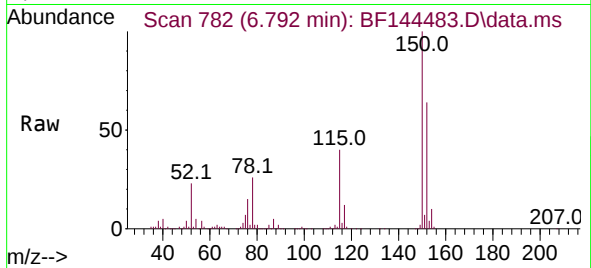




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 782
 Delta R.T. -0.001 min
 Lab File: BF144483.D
 Acq: 15 Dec 2025 19:34

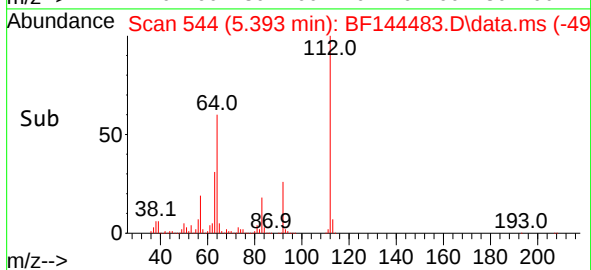
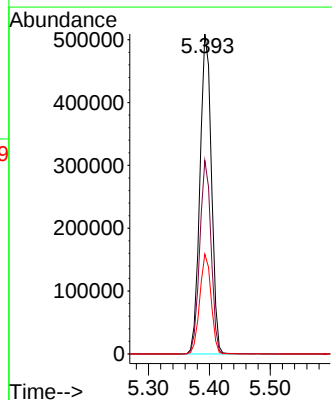
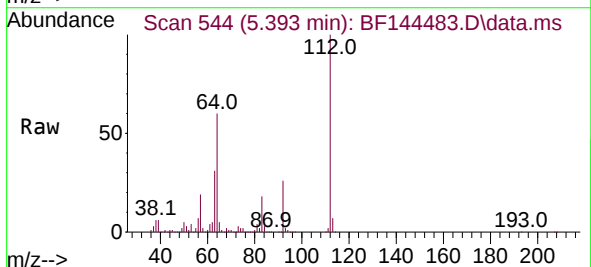
Instrument :
 BNA_F
 ClientSampleId :
 C0AT6

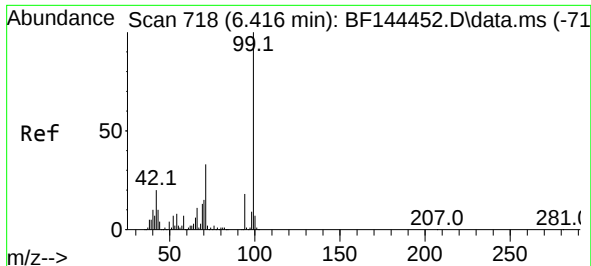
Tgt Ion:152 Resp: 220363
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.4 191.2
 115 62.7 51.4 77.0



#5
 2-Fluorophenol
 Concen: 45.572 ng
 RT: 5.393 min Scan# 544
 Delta R.T. -0.006 min
 Lab File: BF144483.D
 Acq: 15 Dec 2025 19:34

Tgt Ion:112 Resp: 666028
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.8 71.6
 63 31.2 24.6 37.0

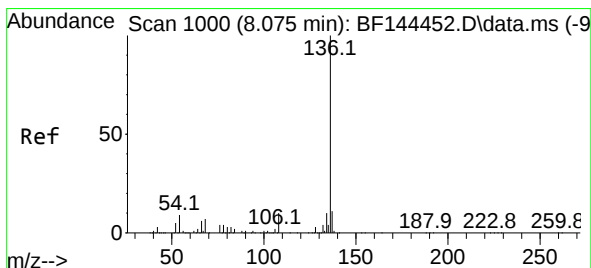
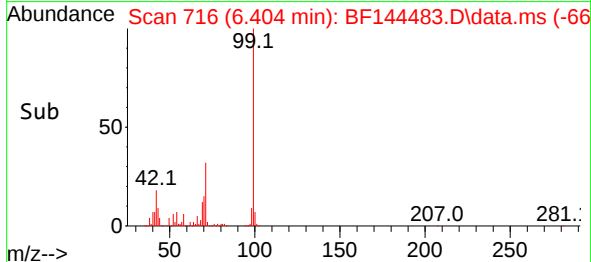
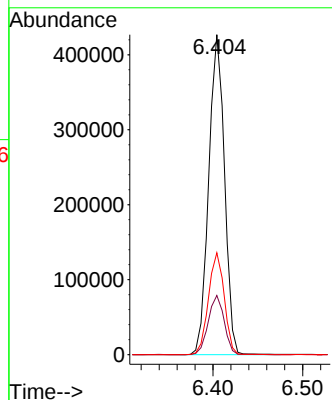
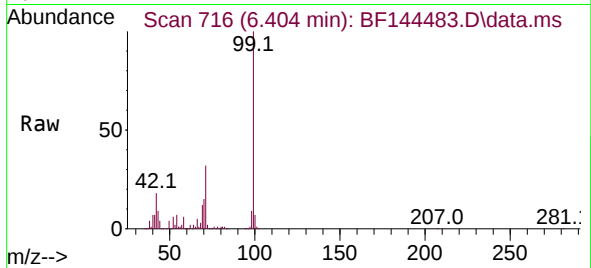




#7
Phenol-d6
Concen: 28.704 ng
RT: 6.404 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144483.D
Acq: 15 Dec 2025 19:34

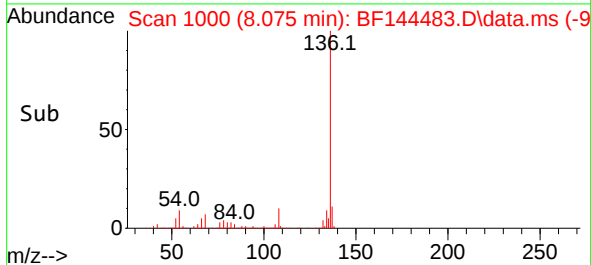
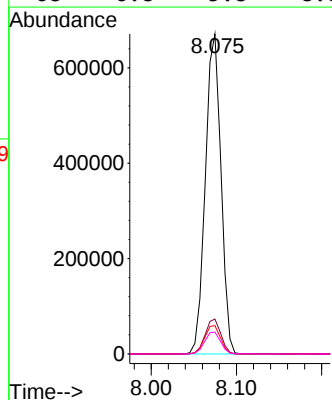
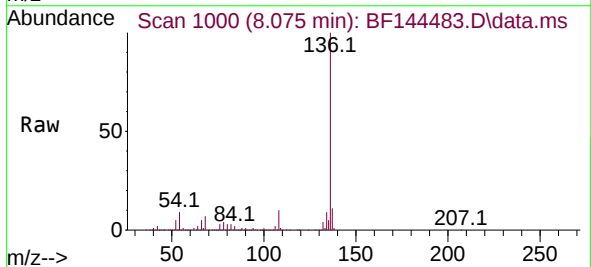
Instrument :
BNA_F
ClientSampleId :
C0AT6

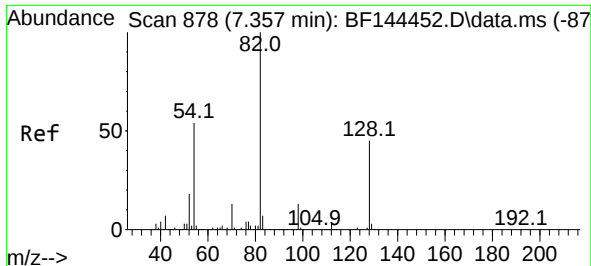
Tgt Ion: 99 Resp: 523246
Ion Ratio Lower Upper
99 100
42 18.5 15.7 23.5
71 31.8 26.4 39.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF144483.D
Acq: 15 Dec 2025 19:34

Tgt Ion: 136 Resp: 853077
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.8 7.5 11.3
68 6.8 5.8 8.8





#23

Nitrobenzene-d5

Concen: 75.620 ng

RT: 7.351 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF144483.D

Acq: 15 Dec 2025 19:34

Instrument :

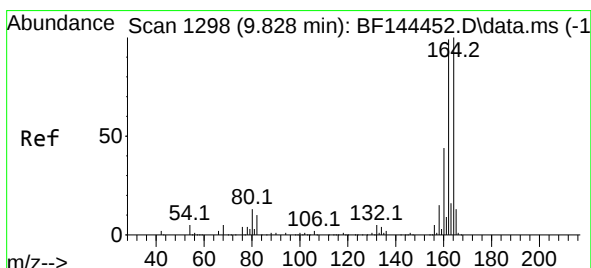
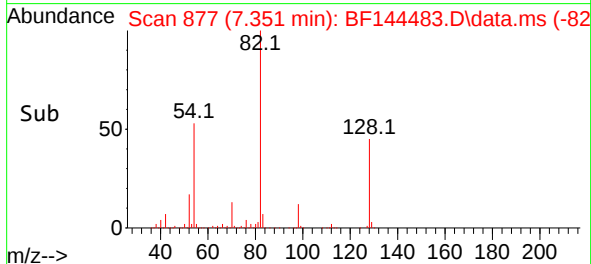
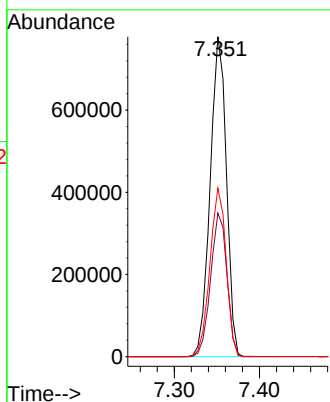
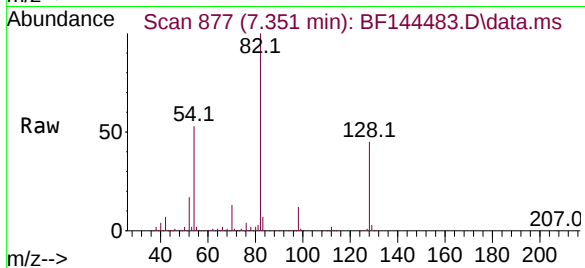
BNA_F

ClientSampleId :

C0AT6

Tgt Ion: 82 Resp: 1030877

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.5	53.3
54	52.6	43.3	64.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1298

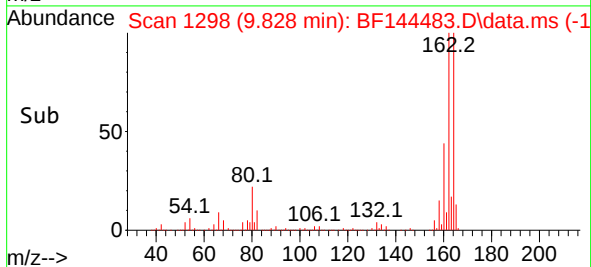
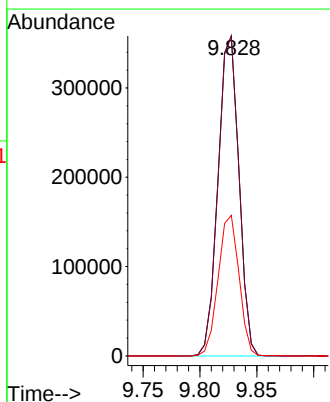
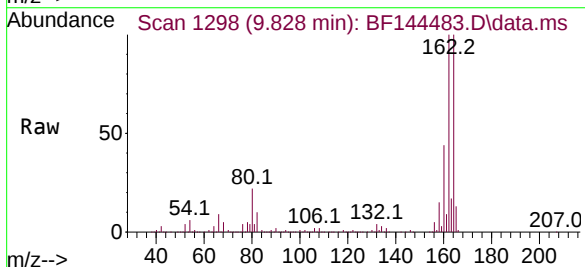
Delta R.T. -0.000 min

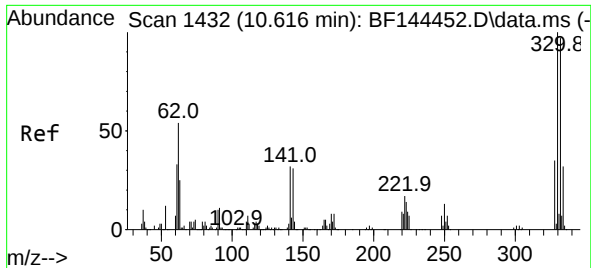
Lab File: BF144483.D

Acq: 15 Dec 2025 19:34

Tgt Ion:164 Resp: 457944

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.2	118.8
160	43.9	35.3	52.9

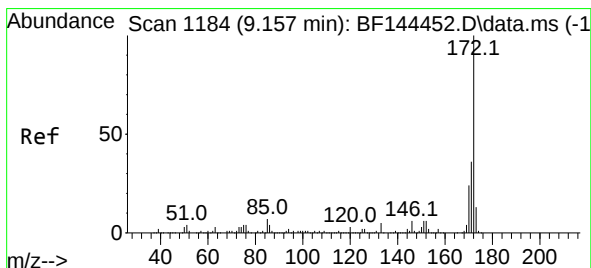
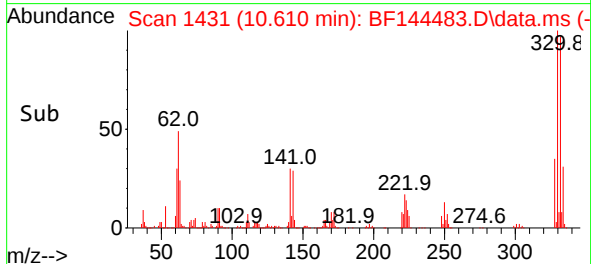
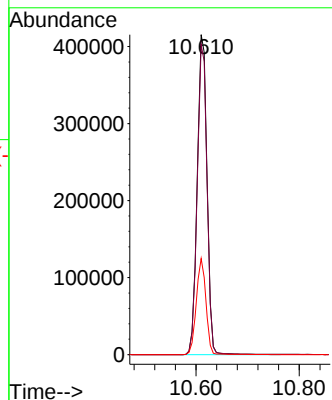
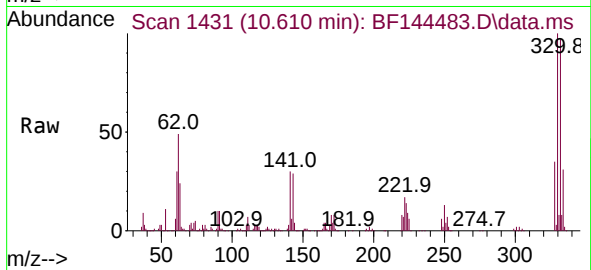




#42
 2,4,6-Tribromophenol
 Concen: 131.870 ng
 RT: 10.610 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: BF144483.D
 Acq: 15 Dec 2025 19:34

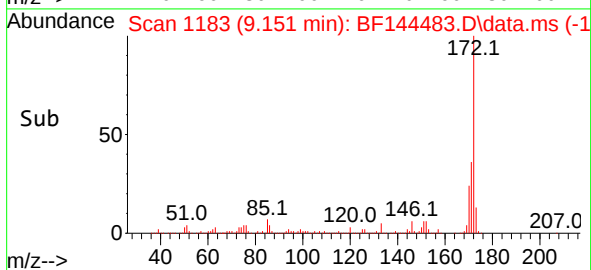
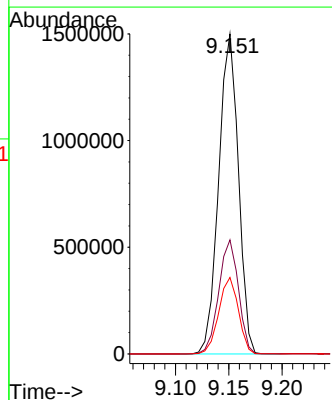
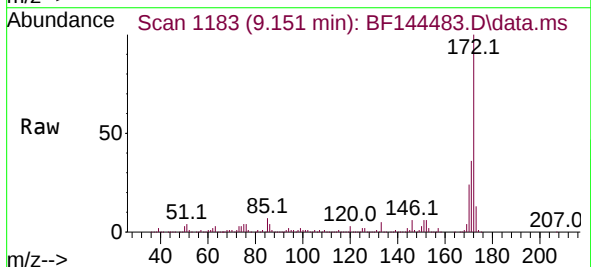
Instrument :
 BNA_F
 ClientSampleId :
 C0AT6

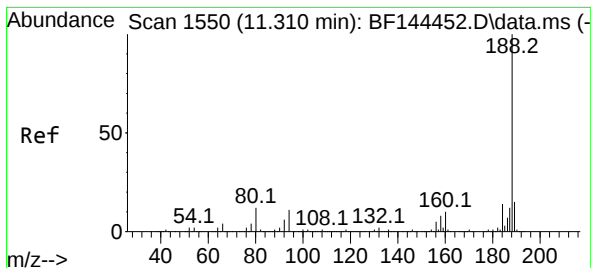
Tgt Ion:330 Resp: 545976
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.5 116.3
 141 29.5 26.2 39.2



#45
 2-Fluorobiphenyl
 Concen: 64.759 ng
 RT: 9.151 min Scan# 1183
 Delta R.T. -0.006 min
 Lab File: BF144483.D
 Acq: 15 Dec 2025 19:34

Tgt Ion:172 Resp: 1933140
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 23.9 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144483.D

Acq: 15 Dec 2025 19:34

Instrument :

BNA_F

ClientSampleId :

C0AT6

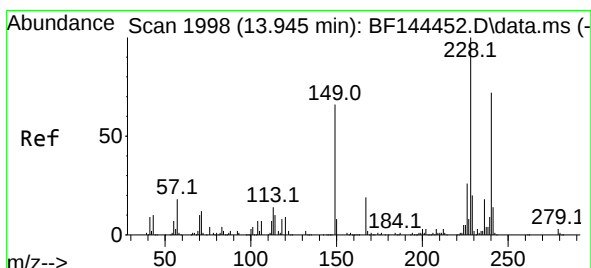
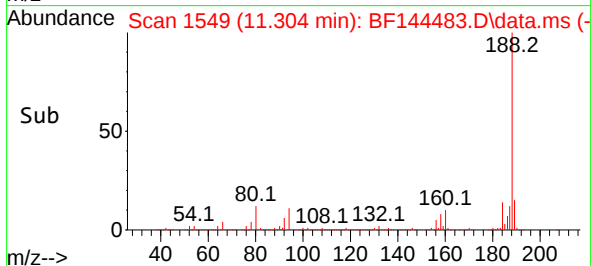
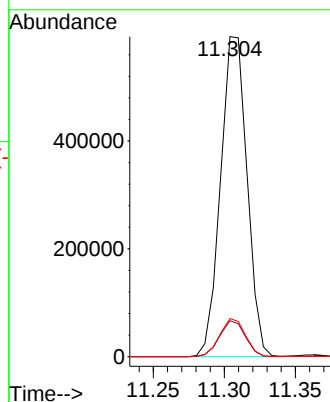
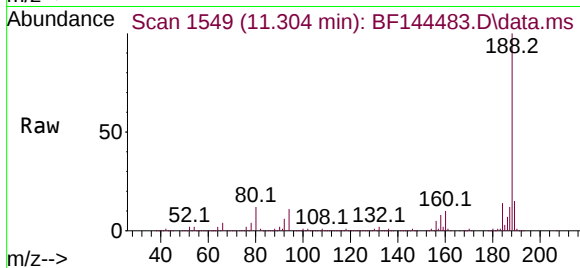
Tgt Ion:188 Resp: 772123

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

80 11.9 9.8 14.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BF144483.D

Acq: 15 Dec 2025 19:34

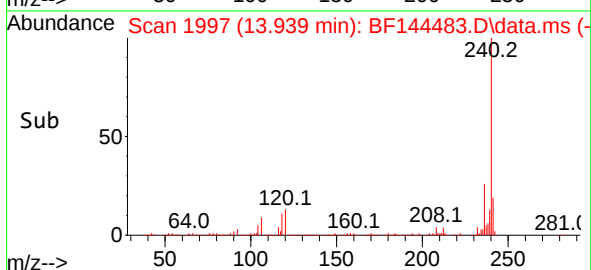
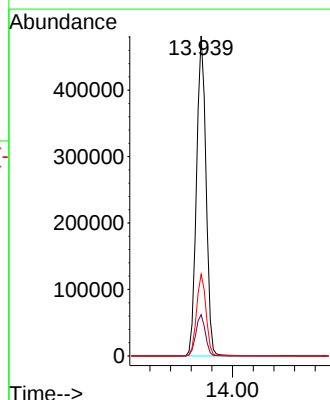
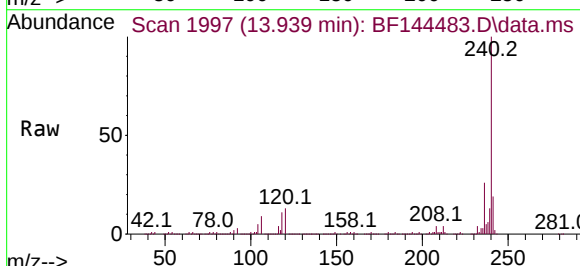
Tgt Ion:240 Resp: 615736

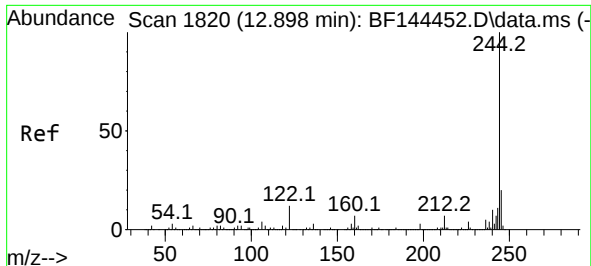
Ion Ratio Lower Upper

240 100

120 12.9 10.3 15.5

236 25.5 20.2 30.4

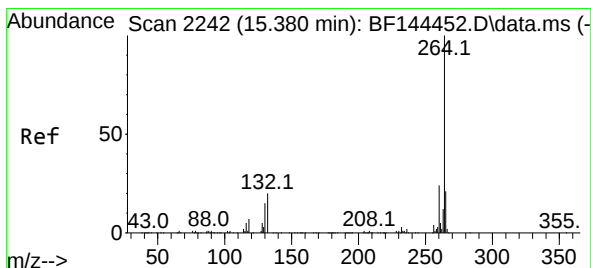
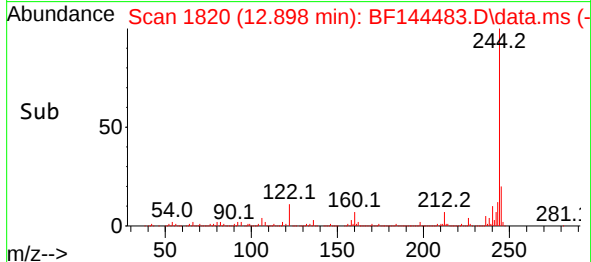
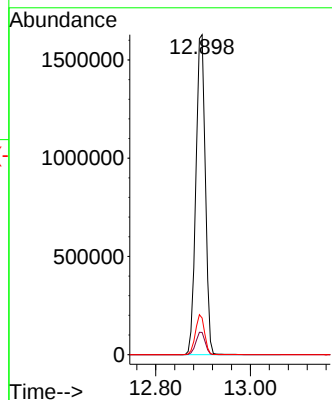
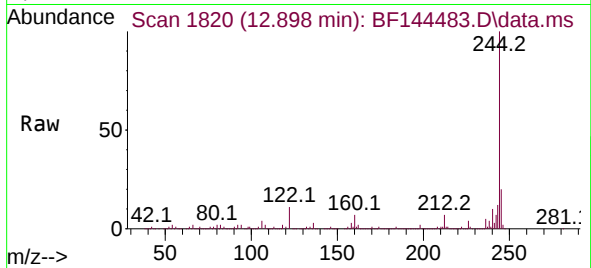




#79
 Terphenyl-d14
 Concen: 57.611 ng
 RT: 12.898 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF144483.D
 Acq: 15 Dec 2025 19:34

Instrument :
 BNA_F
 ClientSampleId :
 C0AT6

Tgt Ion:244 Resp: 2246847
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.374 min Scan# 2241
 Delta R.T. -0.006 min
 Lab File: BF144483.D
 Acq: 15 Dec 2025 19:34

Tgt Ion:264 Resp: 462130
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.4 17.1 25.7

