

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142826.D
 Acq On : 24 Jun 2025 18:34
 Operator : RC/JU
 Sample : Q2393-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -5

Quant Time: Jun 25 01:29:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

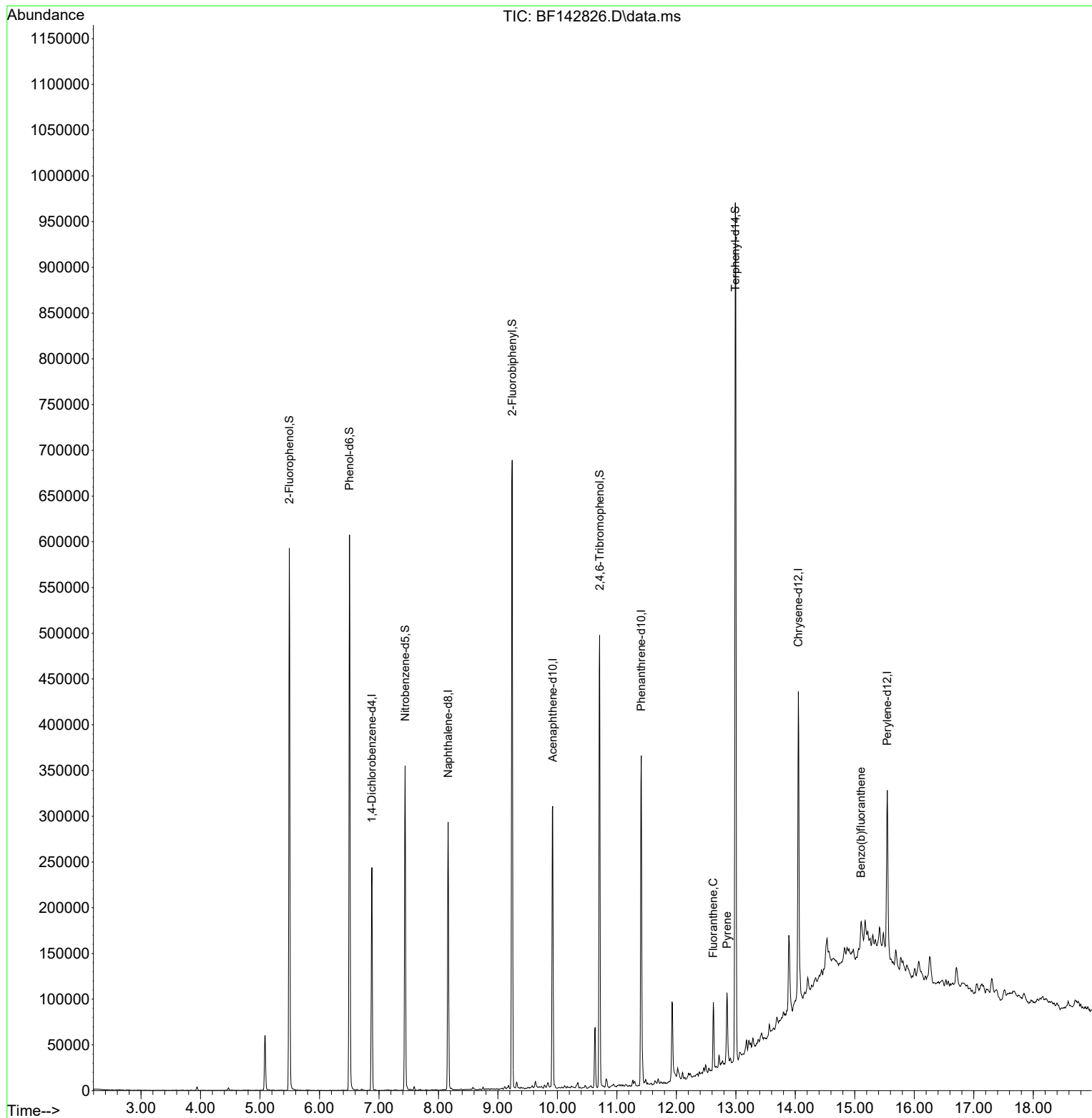
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	53337	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	183629	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	94380	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	188653	20.000	ng	0.00
76) Chrysene-d12	14.051	240	152475	20.000	ng	0.00
86) Perylene-d12	15.545	264	103394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	222339	69.404	ng	0.00
7) Phenol-d6	6.504	99	268320	70.992	ng	0.00
23) Nitrobenzene-d5	7.440	82	144112	43.047	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	83300	85.767	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	309785	43.119	ng	0.00
79) Terphenyl-d14	12.992	244	457697	41.476	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.622	202	42113	4.342	ng	100
78) Pyrene	12.851	202	43782	3.063	ng	99
88) Benzo(b)fluoranthene	15.104	252	15117m	2.527	ng	

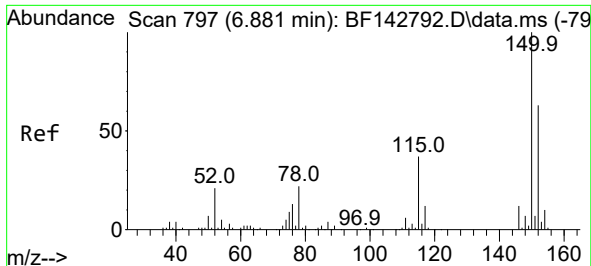
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142826.D
Acq On : 24 Jun 2025 18:34
Operator : RC/JU
Sample : Q2393-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PARK AVE -5

Quant Time: Jun 25 01:29:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

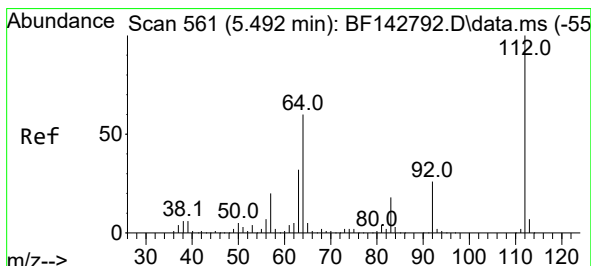
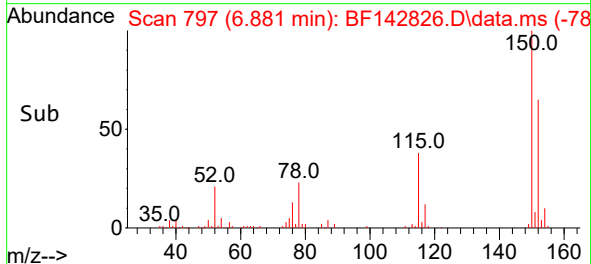
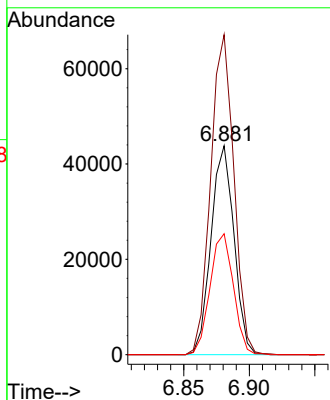
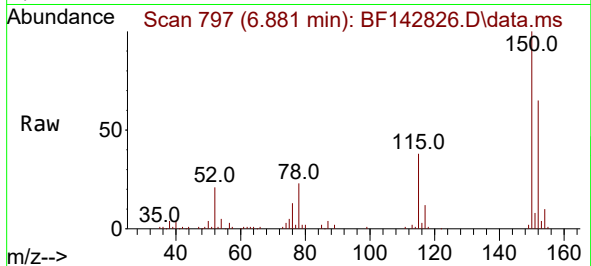




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

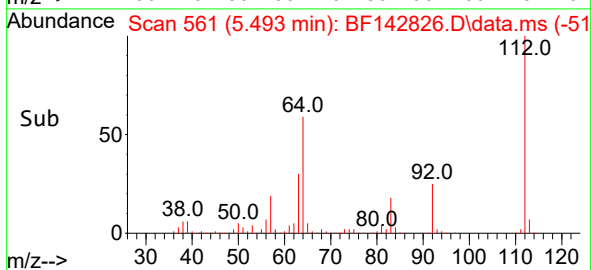
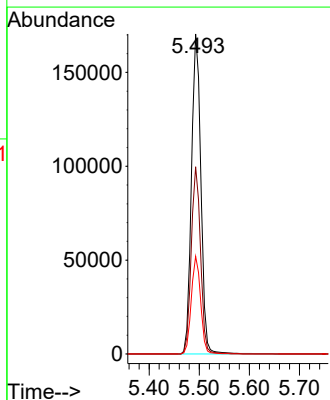
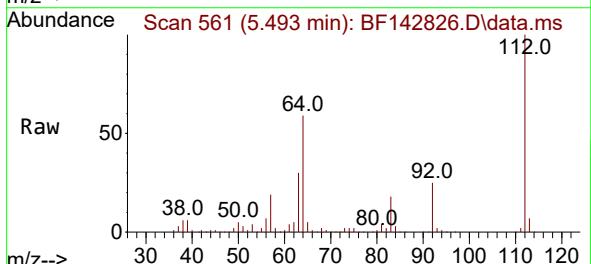
Instrument :
BNA_F
ClientSampleId :
PARK AVE -5

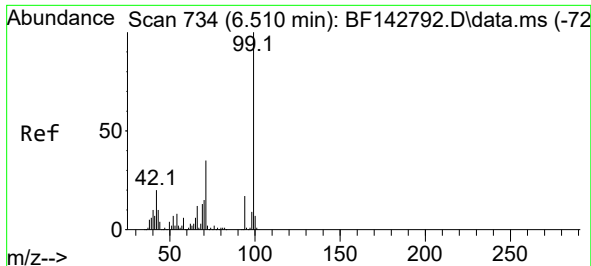
Tgt Ion:152 Resp: 53337
Ion Ratio Lower Upper
152 100
150 153.2 127.2 190.8
115 57.9 46.6 69.8



#5
2-Fluorophenol
Concen: 69.404 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

Tgt Ion:112 Resp: 222339
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.2
63 30.5 25.7 38.5

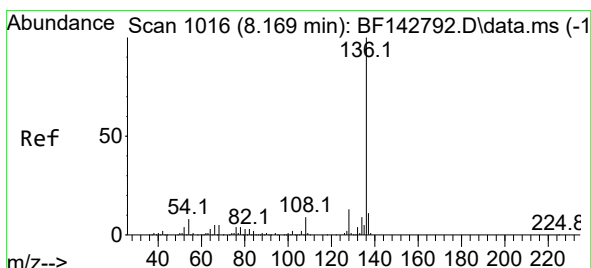
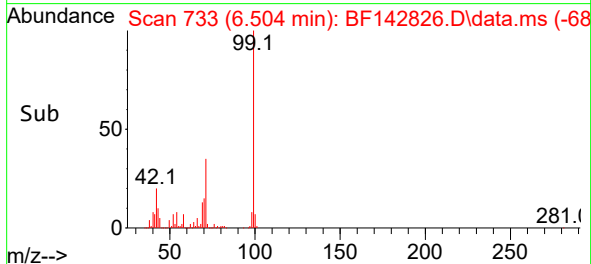
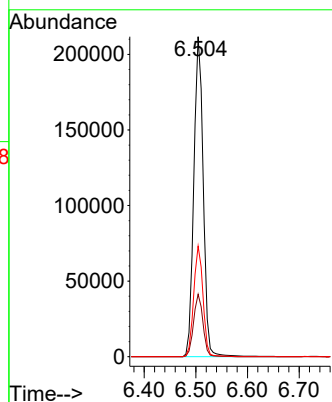
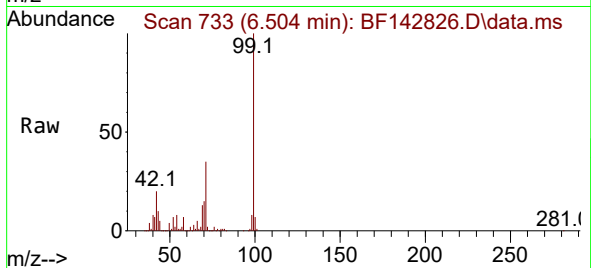




#7
Phenol-d6
Concen: 70.992 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

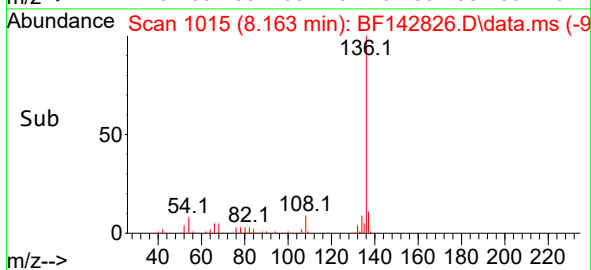
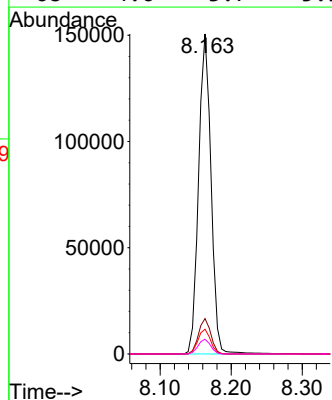
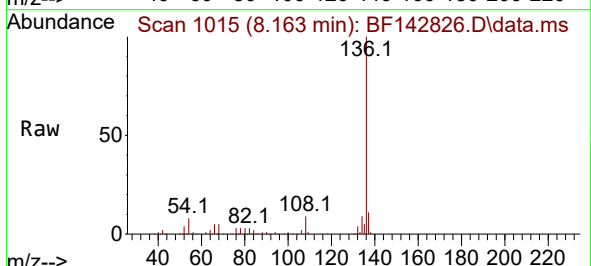
Instrument :
BNA_F
ClientSampleId :
PARK AVE -5

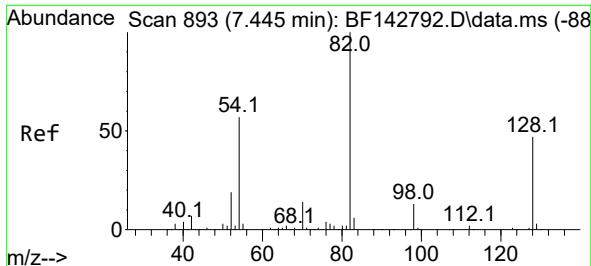
Tgt Ion: 99 Resp: 268320
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.5 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

Tgt Ion: 136 Resp: 183629
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.7 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 43.047 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142826.D

Acq: 24 Jun 2025 18:34

Instrument :

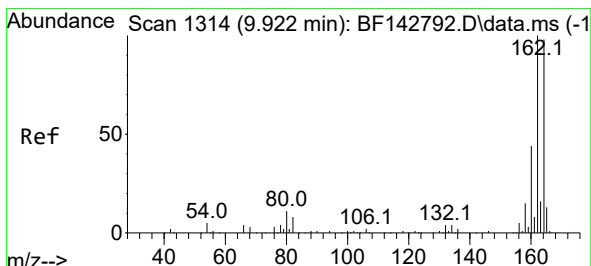
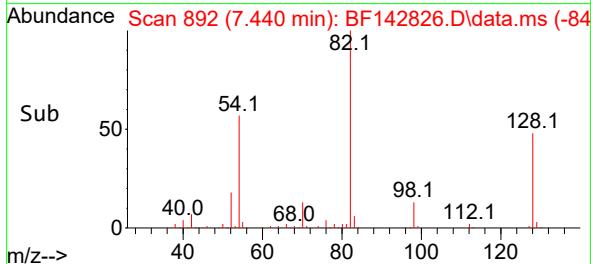
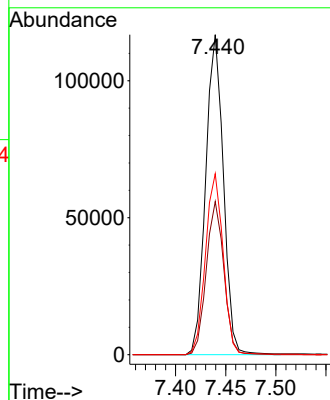
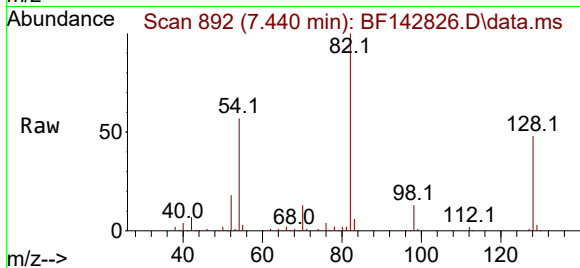
BNA_F

ClientSampleId :

PARK AVE -5

Tgt Ion: 82 Resp: 144112

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.7	56.5
54	56.6	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

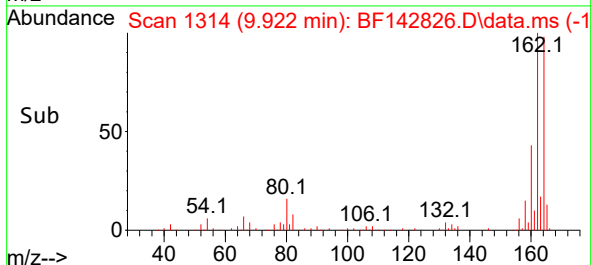
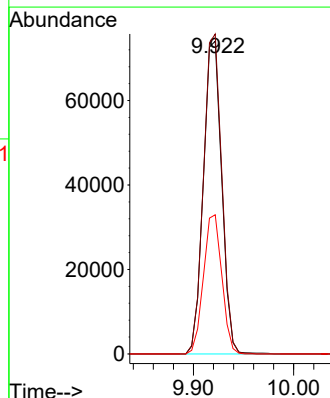
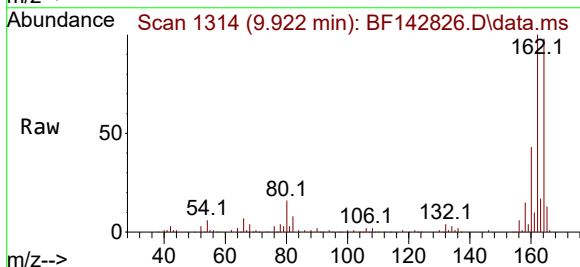
Delta R.T. 0.000 min

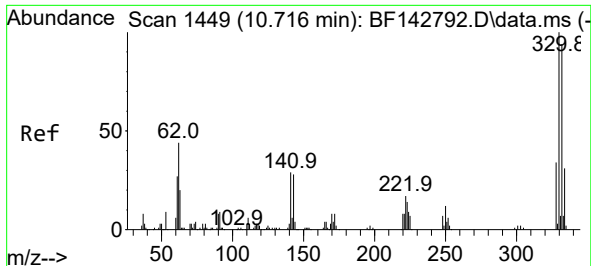
Lab File: BF142826.D

Acq: 24 Jun 2025 18:34

Tgt Ion:164 Resp: 94380

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.8
160	44.5	36.0	54.0

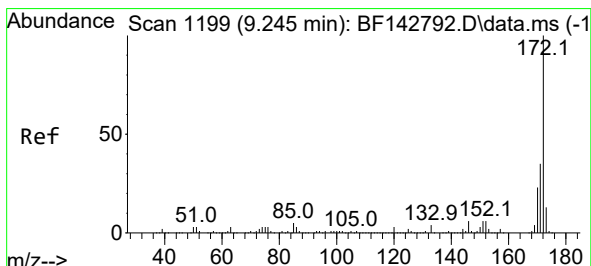
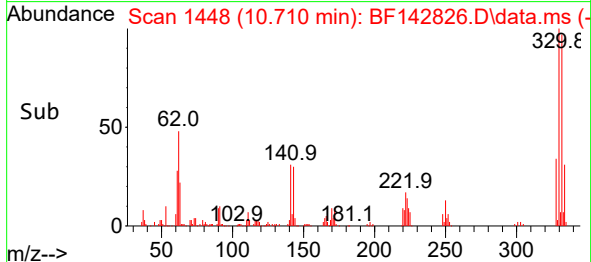
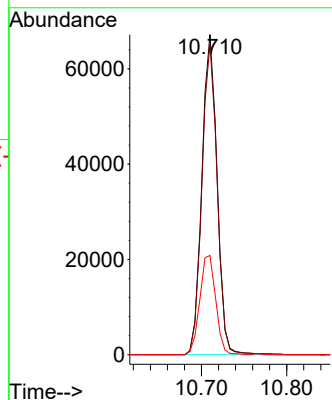
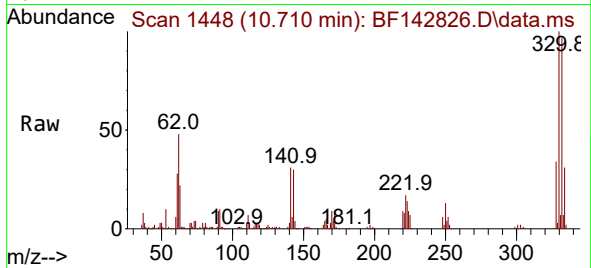




#42
2,4,6-Tribromophenol
Concen: 85.767 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

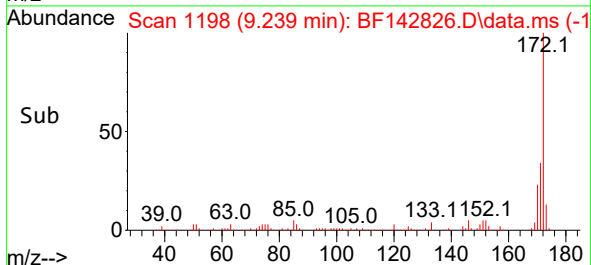
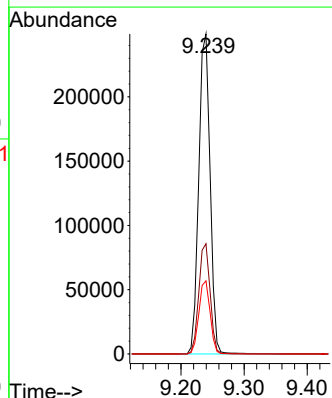
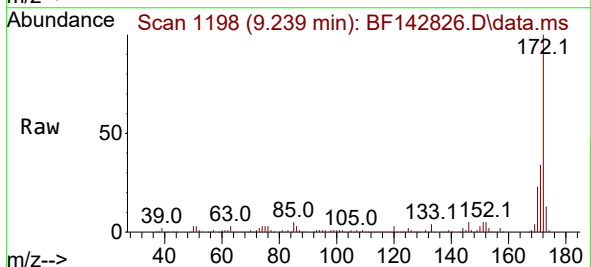
Instrument :
BNA_F
ClientSampleId :
PARK AVE -5

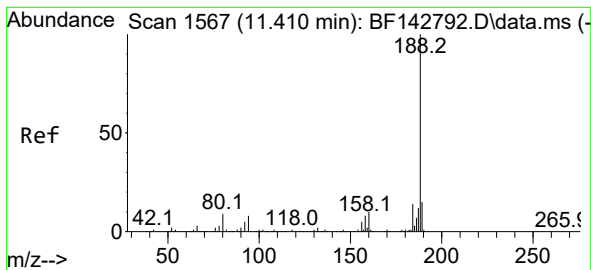
Tgt Ion: 330 Resp: 83300
Ion Ratio Lower Upper
330 100
332 96.9 75.0 112.6
141 32.4 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 43.119 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

Tgt Ion: 172 Resp: 309785
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.4
170 22.9 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142826.D

Acq: 24 Jun 2025 18:34

Instrument :

BNA_F

ClientSampleId :

PARK AVE -5

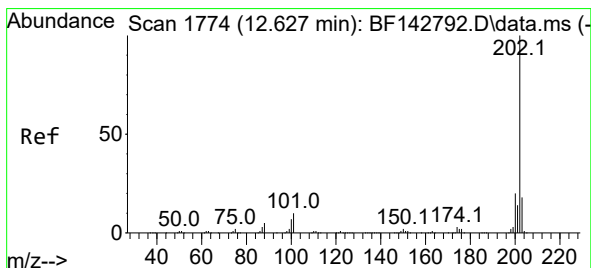
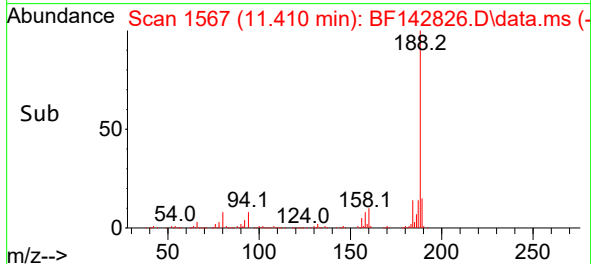
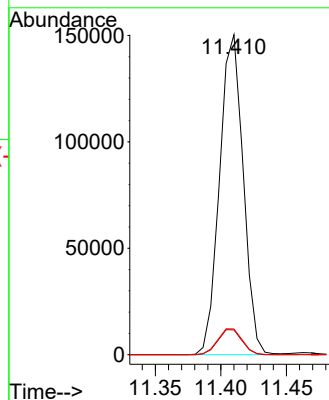
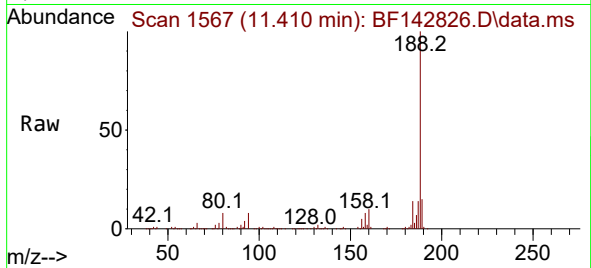
Tgt Ion:188 Resp: 188653

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

80 8.1 6.9 10.3



#75

Fluoranthene

Concen: 4.342 ng

RT: 12.622 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BF142826.D

Acq: 24 Jun 2025 18:34

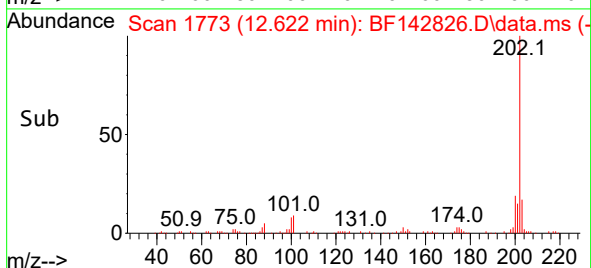
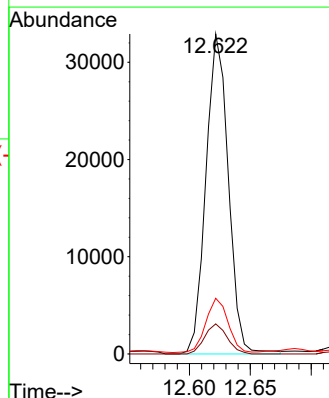
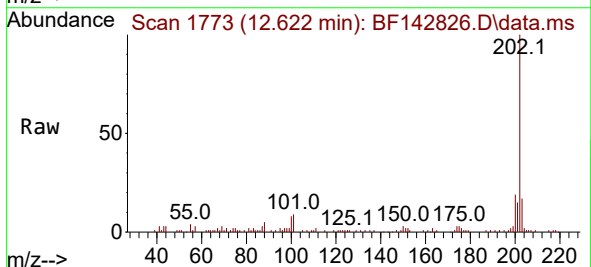
Tgt Ion:202 Resp: 42113

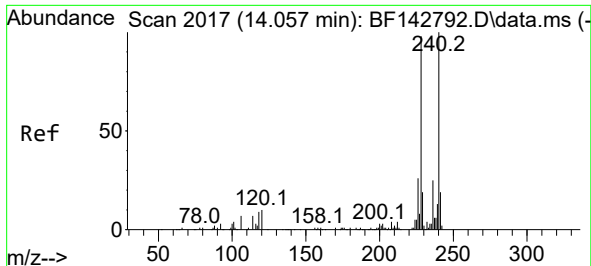
Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.7

203 17.4 0.0 37.5

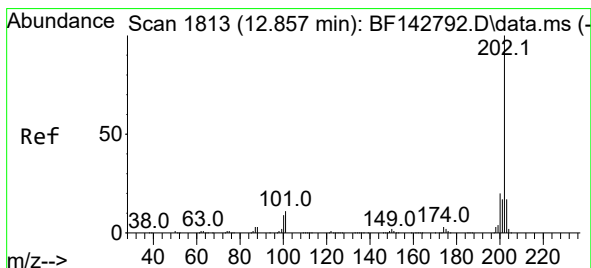
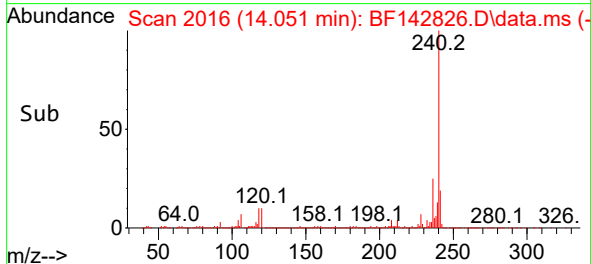
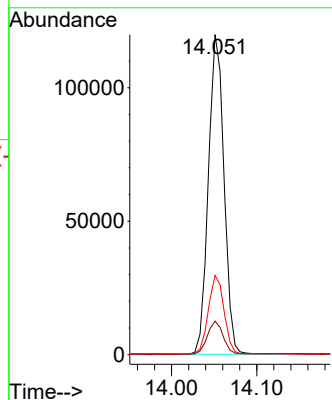
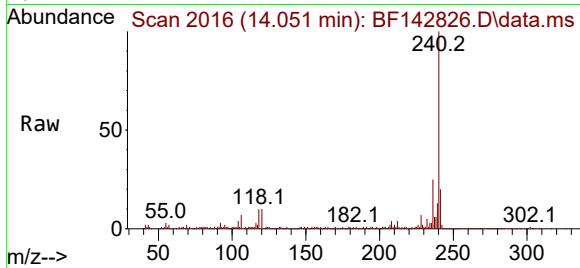




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

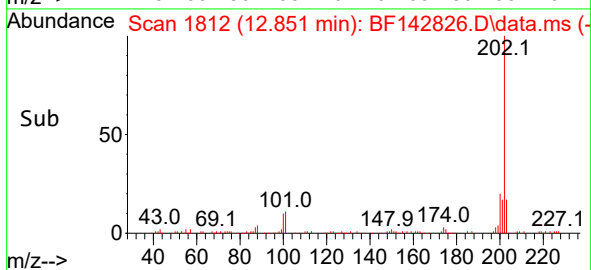
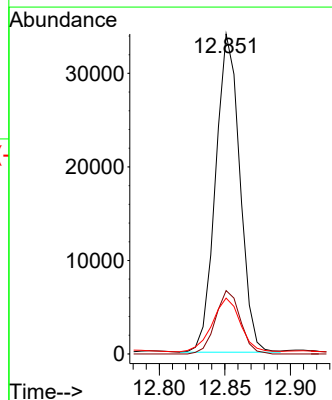
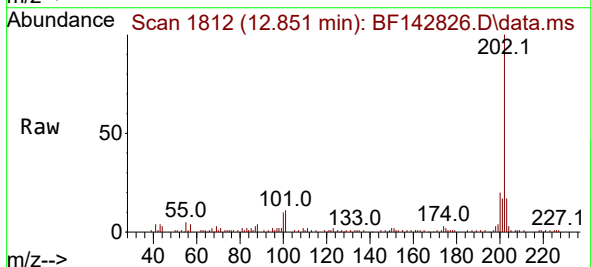
Instrument :
BNA_F
ClientSampleId :
PARK AVE -5

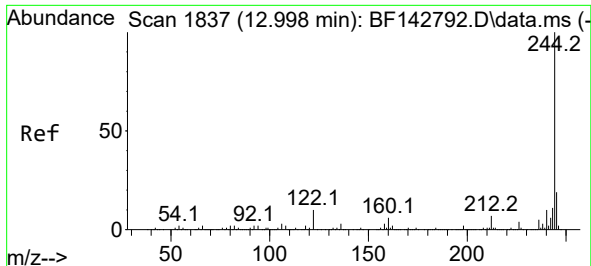
Tgt Ion:240 Resp: 152475
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 24.7 19.8 29.8



#78
Pyrene
Concen: 3.063 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

Tgt Ion:202 Resp: 43782
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.5 13.8 20.6

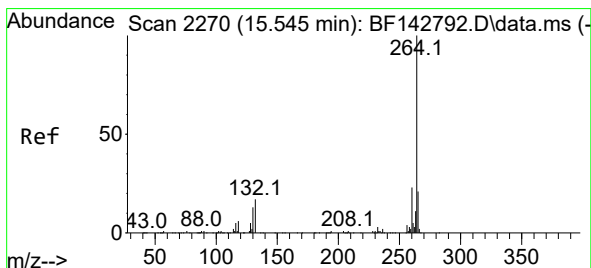
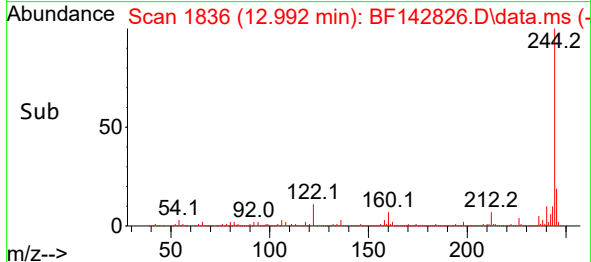
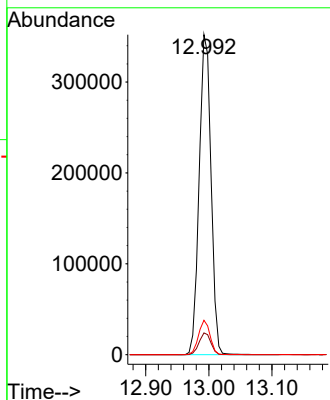
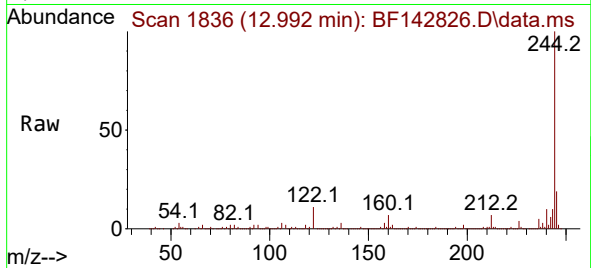




#79
 Terphenyl-d14
 Concen: 41.476 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142826.D
 Acq: 24 Jun 2025 18:34

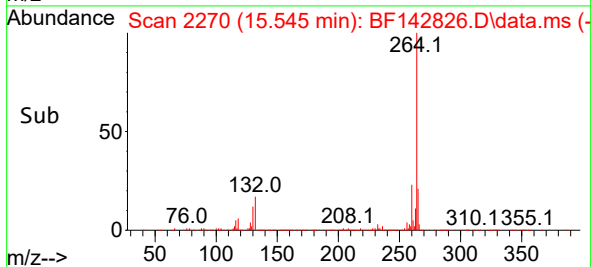
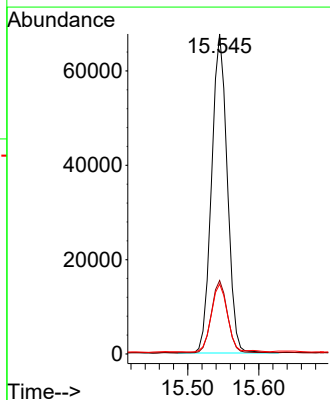
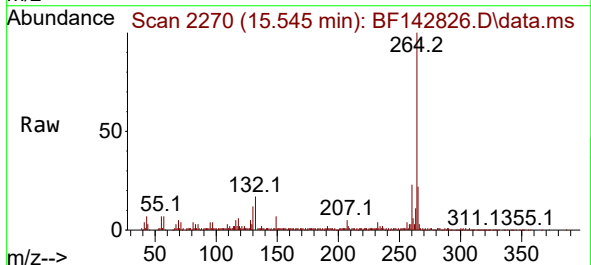
Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -5

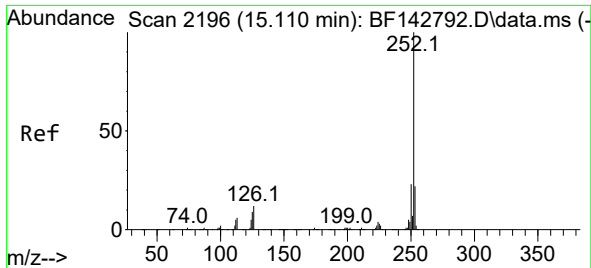
Tgt Ion:244 Resp: 457697
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF142826.D
 Acq: 24 Jun 2025 18:34

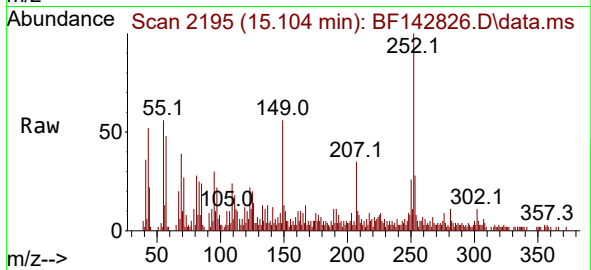
Tgt Ion:264 Resp: 103394
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.8 16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 2.527 ng m
RT: 15.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142826.D
Acq: 24 Jun 2025 18:34

Instrument :
BNA_F
ClientSampleId :
PARK AVE -5



Tgt Ion:252 Resp: 15117
Ion Ratio Lower Upper
252 100
253 27.6 17.5 26.3#
125 19.5 7.4 11.0#

