

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139287.D
 Acq On : 09 Sep 2024 17:18
 Operator : RC/JU
 Sample : P3892-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-005

Quant Time: Sep 09 17:51:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	100220	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	320092	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	114872	20.000	ng	0.01
64) Phenanthrene-d10	11.474	188	144141	20.000	ng	# 0.06
76) Chrysene-d12	14.121	240	147274	20.000	ng	# 0.07
86) Perylene-d12	15.551	264	109533	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	548984	91.636	ng	0.00
7) Phenol-d6	6.510	99	724535	90.592	ng	0.00
23) Nitrobenzene-d5	7.445	82	442003	71.836	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	113024	113.943	ng	0.03
45) 2-Fluorobiphenyl	9.251	172	607707	81.663	ng	0.00
79) Terphenyl-d14	13.092	244	476373	52.225	ng	0.09

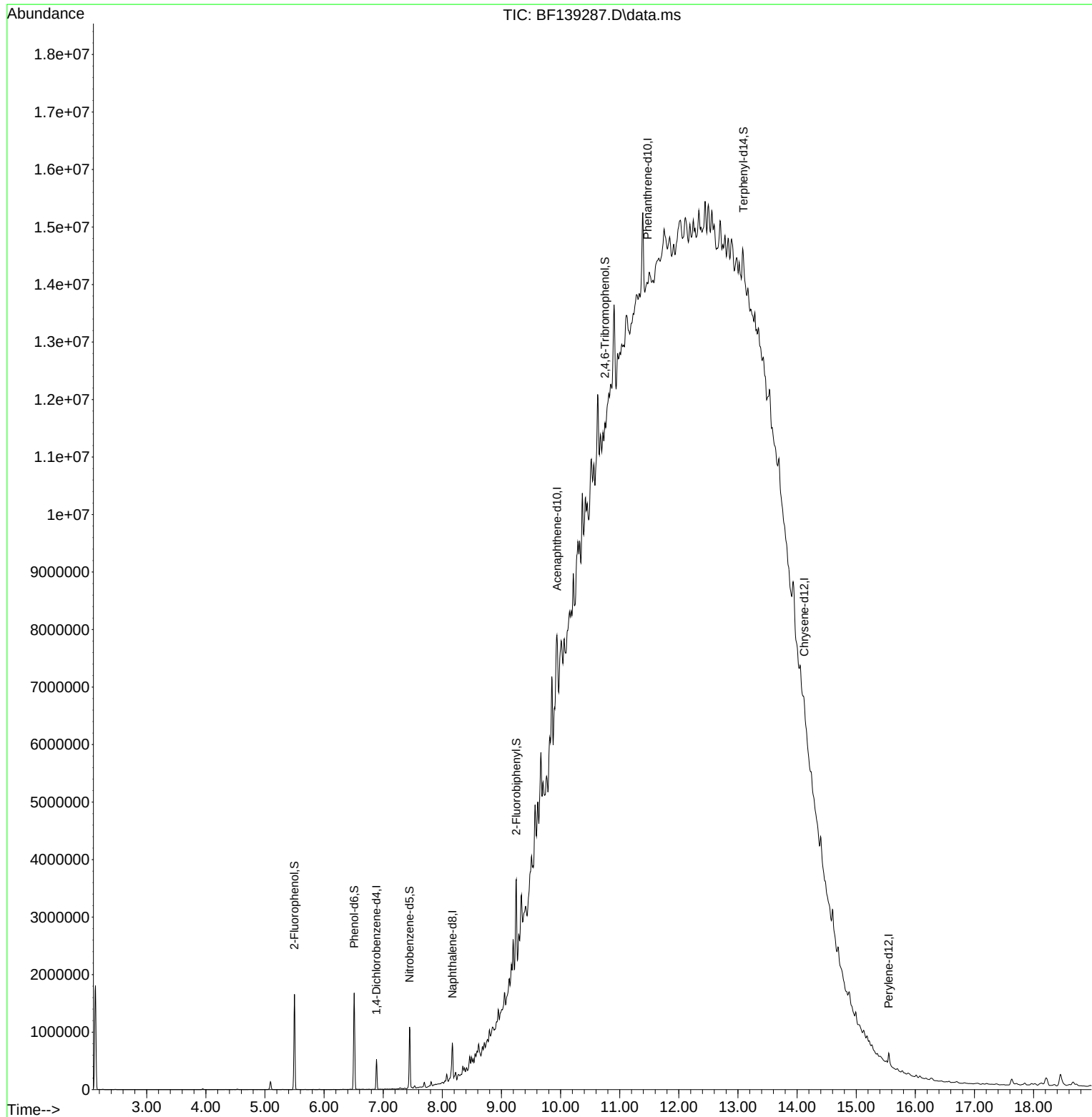
Target Compounds	Qvalue

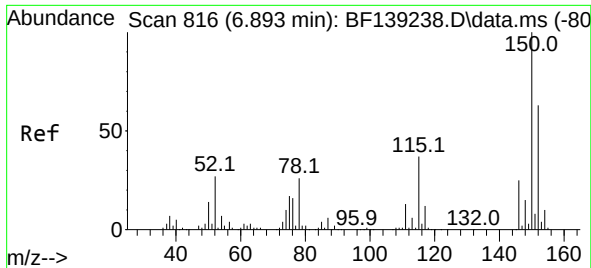
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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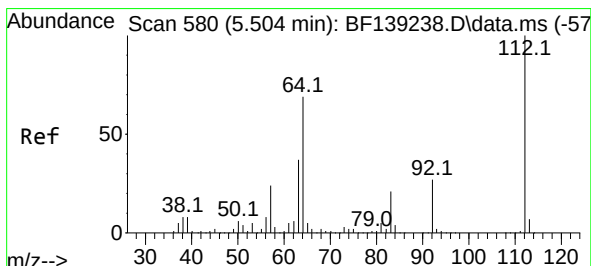
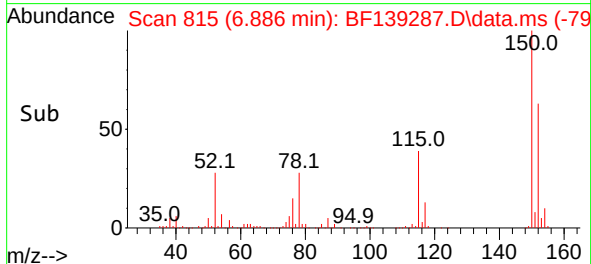
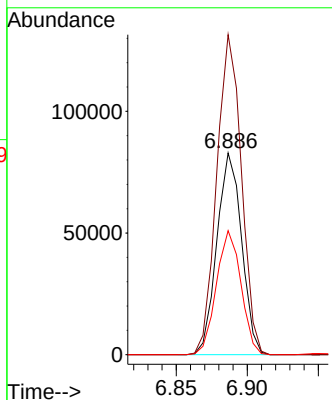
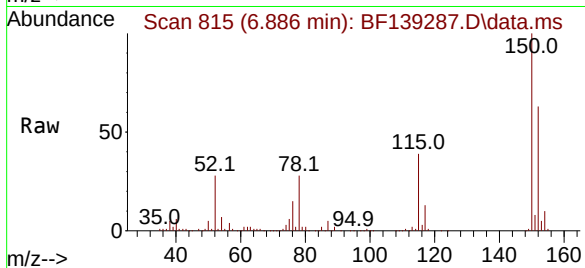




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. -0.007 min
 Lab File: BF139287.D
 Acq: 09 Sep 2024 17:18

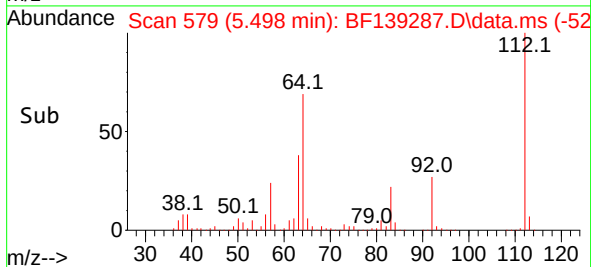
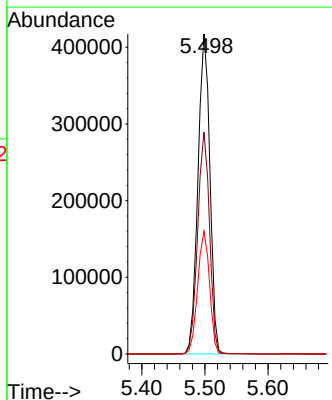
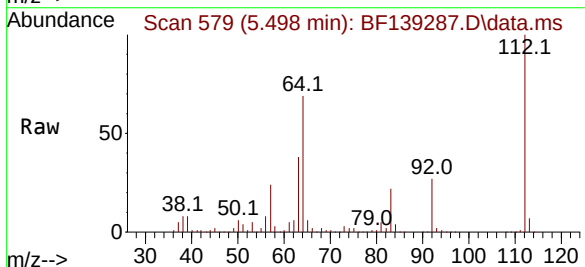
Instrument :
 BNA_F
 ClientSampleId :
 ARS20-005

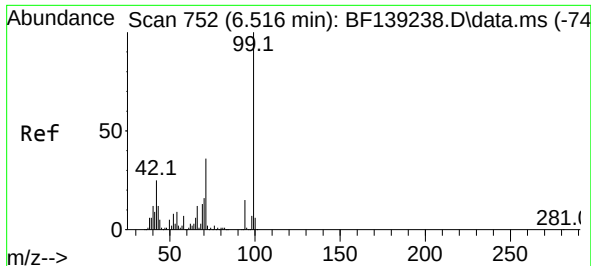
Tgt Ion:152 Resp: 100220
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.4
 115 61.4 46.9 70.3



#5
 2-Fluorophenol
 Concen: 91.636 ng
 RT: 5.498 min Scan# 579
 Delta R.T. -0.006 min
 Lab File: BF139287.D
 Acq: 09 Sep 2024 17:18

Tgt Ion:112 Resp: 548984
 Ion Ratio Lower Upper
 112 100
 64 69.3 55.0 82.4
 63 38.4 29.9 44.9

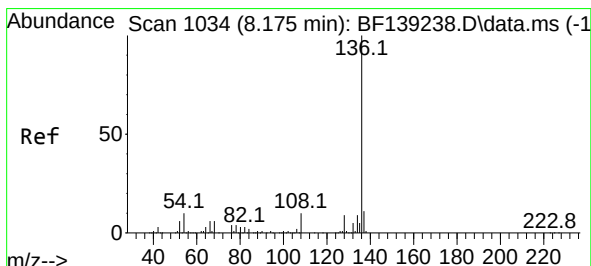
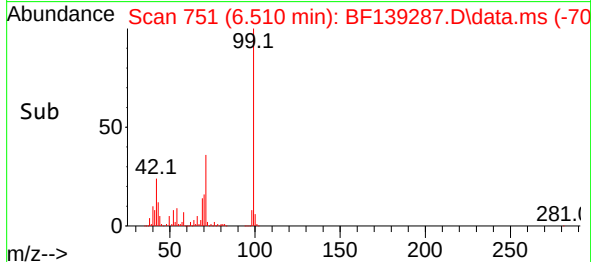
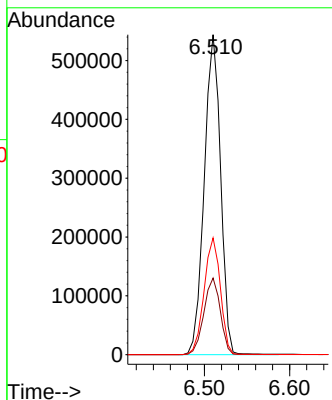
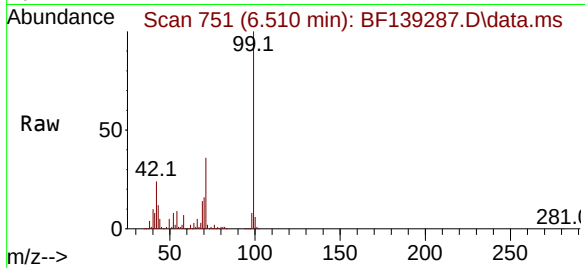




#7
Phenol-d6
Concen: 90.592 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139287.D
Acq: 09 Sep 2024 17:18

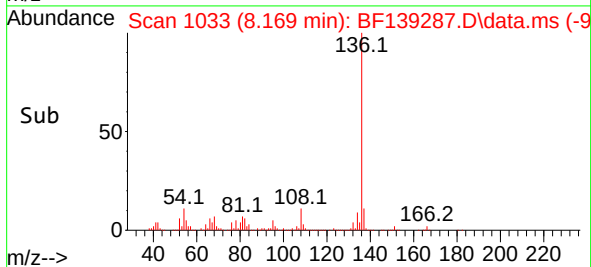
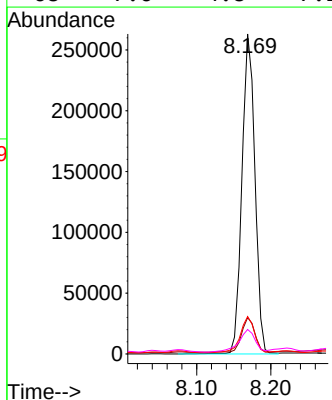
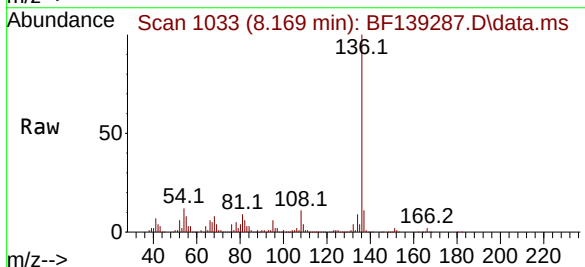
Instrument :
BNA_F
ClientSampleId :
ARS20-005

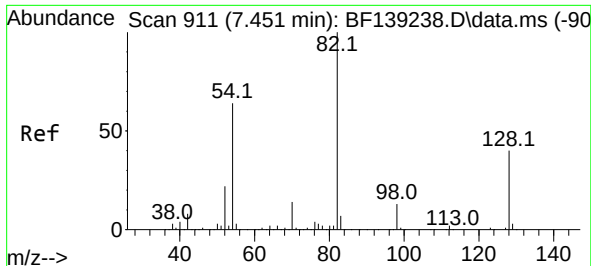
Tgt Ion: 99 Resp: 724535
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.6
71 36.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139287.D
Acq: 09 Sep 2024 17:18

Tgt Ion: 136 Resp: 320092
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 11.7 8.4 12.6
68 7.6 4.8 7.2#

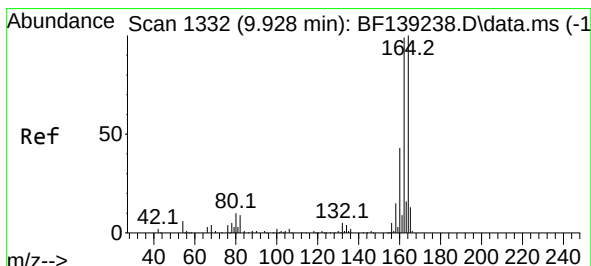
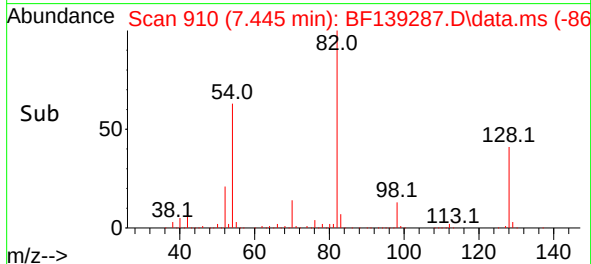
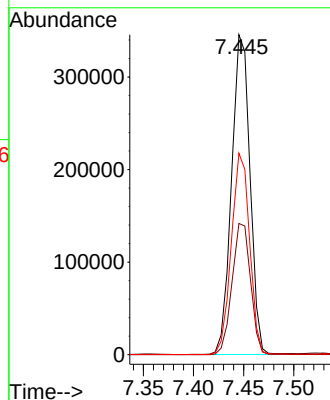
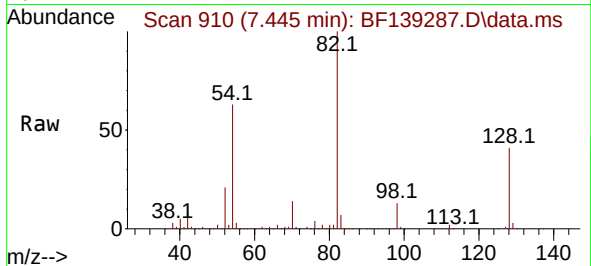




#23
Nitrobenzene-d5
Concen: 71.836 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139287.D
Acq: 09 Sep 2024 17:18

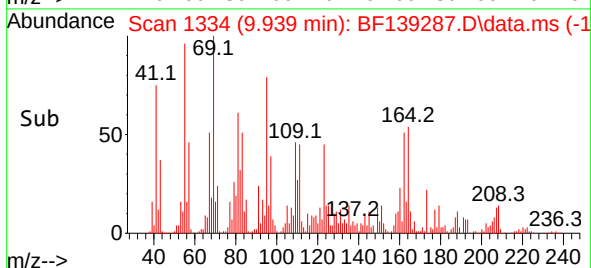
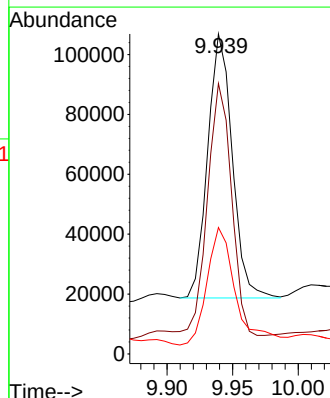
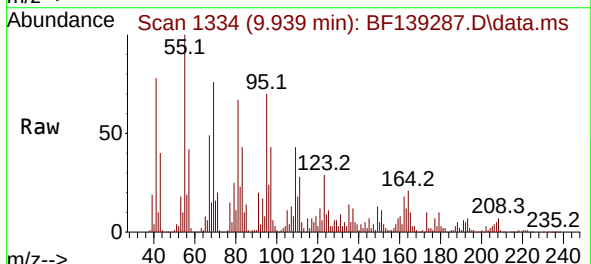
Instrument :
BNA_F
ClientSampleId :
ARS20-005

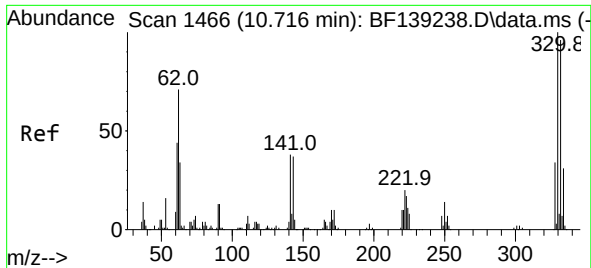
Tgt Ion: 82 Resp: 442003
Ion Ratio Lower Upper
82 100
128 41.0 32.3 48.5
54 63.0 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.011 min
Lab File: BF139287.D
Acq: 09 Sep 2024 17:18

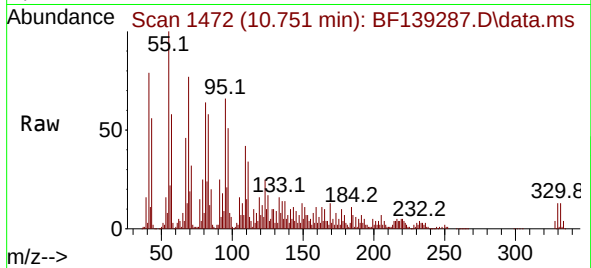
Tgt Ion:164 Resp: 114872
Ion Ratio Lower Upper
164 100
162 84.5 79.2 118.8
160 39.5 34.2 51.2



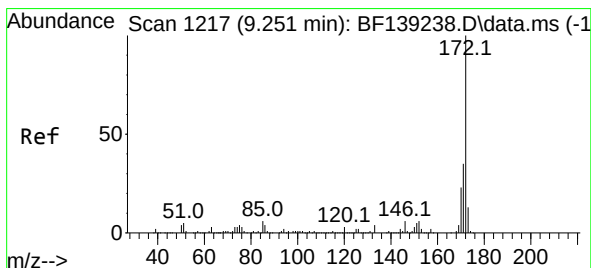
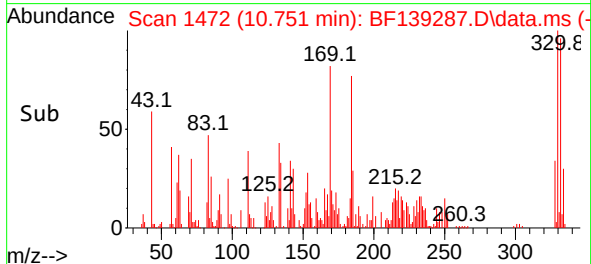
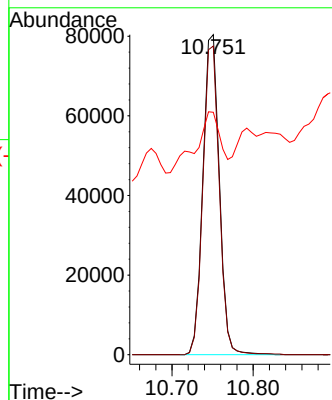


#42
2,4,6-Tribromophenol
Concen: 113.943 ng
RT: 10.751 min Scan# 1466
Delta R.T. 0.035 min
Lab File: BF139287.D
Acq: 09 Sep 2024 17:18

Instrument :
BNA_F
ClientSampleId :
ARS20-005

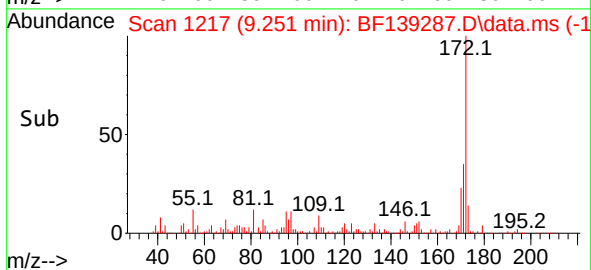
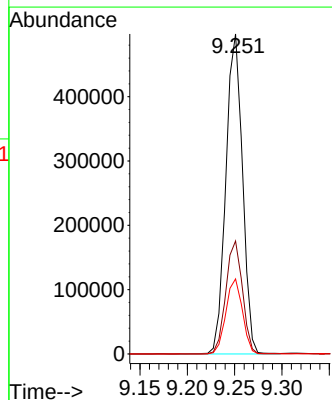
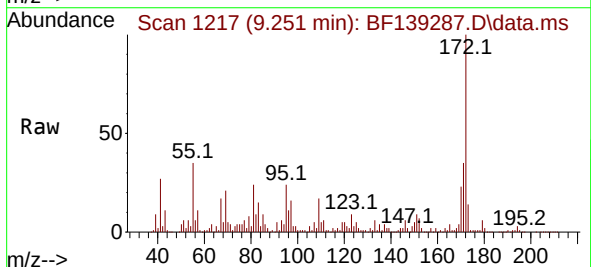


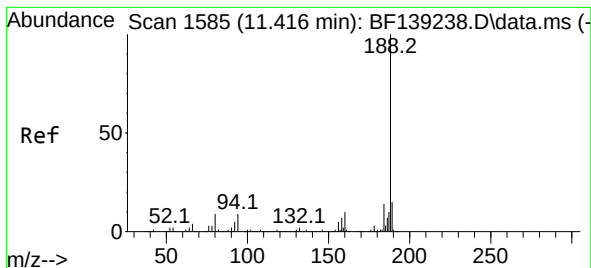
Tgt Ion: 330 Resp: 113024
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 27.8 30.1 45.1#



#45
2-Fluorobiphenyl
Concen: 81.663 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF139287.D
Acq: 09 Sep 2024 17:18

Tgt Ion: 172 Resp: 607707
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF139287.D

Acq: 09 Sep 2024 17:18

Instrument :

BNA_F

ClientSampleId :

ARS20-005

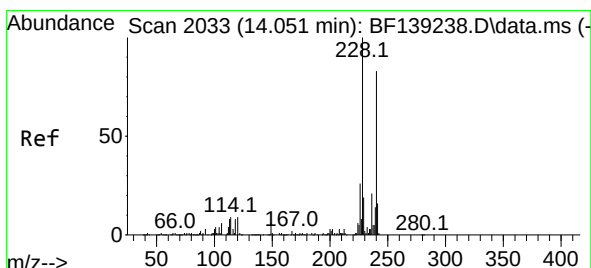
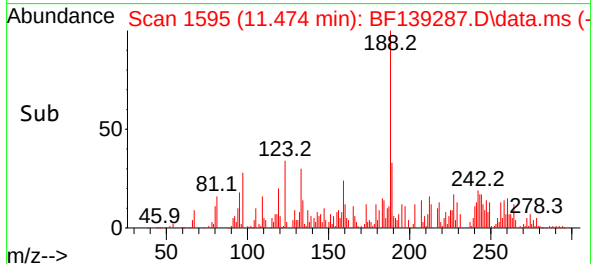
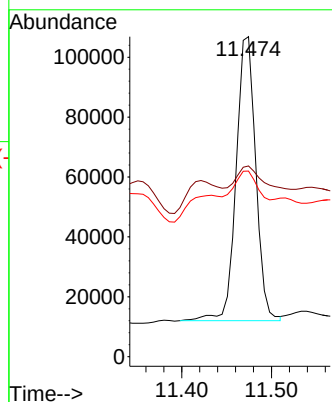
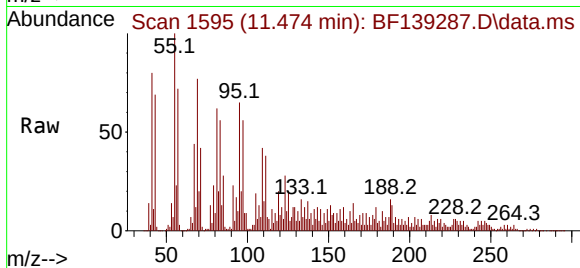
Tgt Ion:188 Resp: 144141

Ion Ratio Lower Upper

188 100

94 59.6 7.0 10.4#

80 58.0 7.3 10.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2045

Delta R.T. 0.070 min

Lab File: BF139287.D

Acq: 09 Sep 2024 17:18

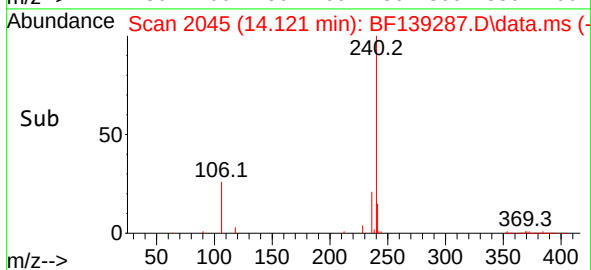
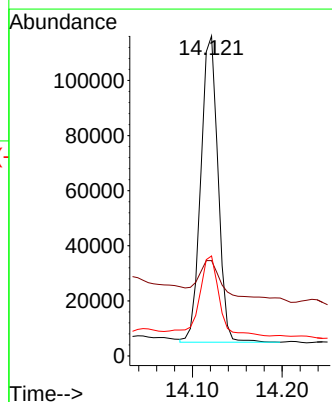
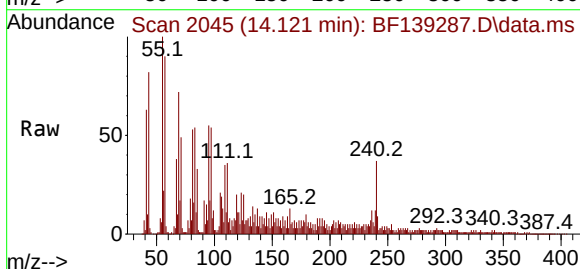
Tgt Ion:240 Resp: 147274

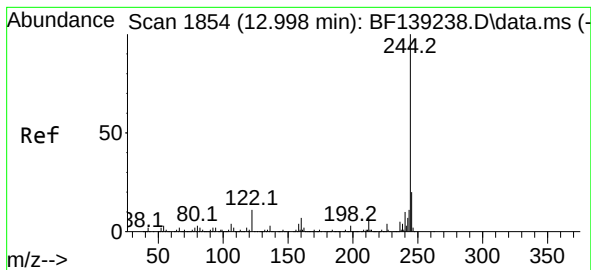
Ion Ratio Lower Upper

240 100

120 29.8 8.6 12.8#

236 31.3 20.7 31.1#





#79

Terphenyl-d14

Concen: 52.225 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.094 min

Lab File: BF139287.D

Acq: 09 Sep 2024 17:18

Instrument :

BNA_F

ClientSampleId :

ARS20-005

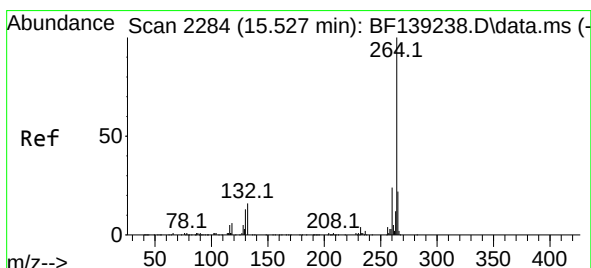
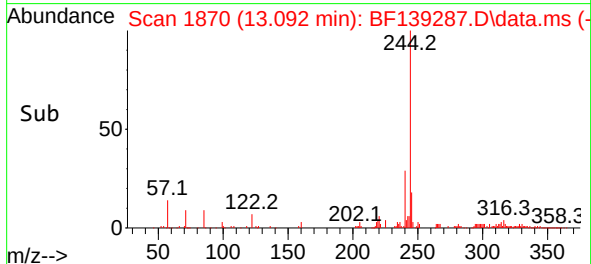
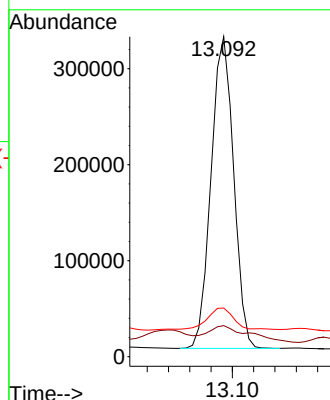
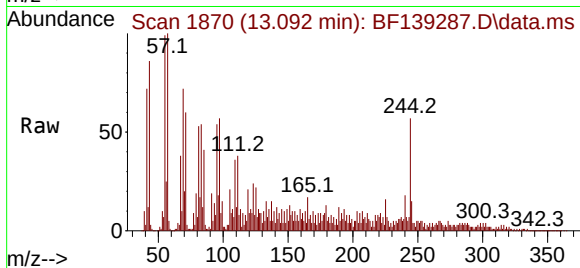
Tgt Ion:244 Resp: 476373

Ion Ratio Lower Upper

244 100

212 9.7 5.9 8.9#

122 15.2 8.7 13.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.023 min

Lab File: BF139287.D

Acq: 09 Sep 2024 17:18

Tgt Ion:264 Resp: 109533

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 22.0 17.3 25.9

