

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138995.D
 Acq On : 14 Aug 2024 15:40
 Operator : RC/JU
 Sample : P3543-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0019

Quant Time: Aug 14 16:00:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	34762	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	140619	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	68528	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	91762	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	62167	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	57139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	56276	24.990	ng	0.00
7) Phenol-d6	6.481	99	78284	25.892	ng	0.00
23) Nitrobenzene-d5	7.398	82	41442	14.409	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	8883	15.825	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	45721	10.024	ng	-0.02
79) Terphenyl-d14	12.933	244	48890	13.167	ng	-0.01

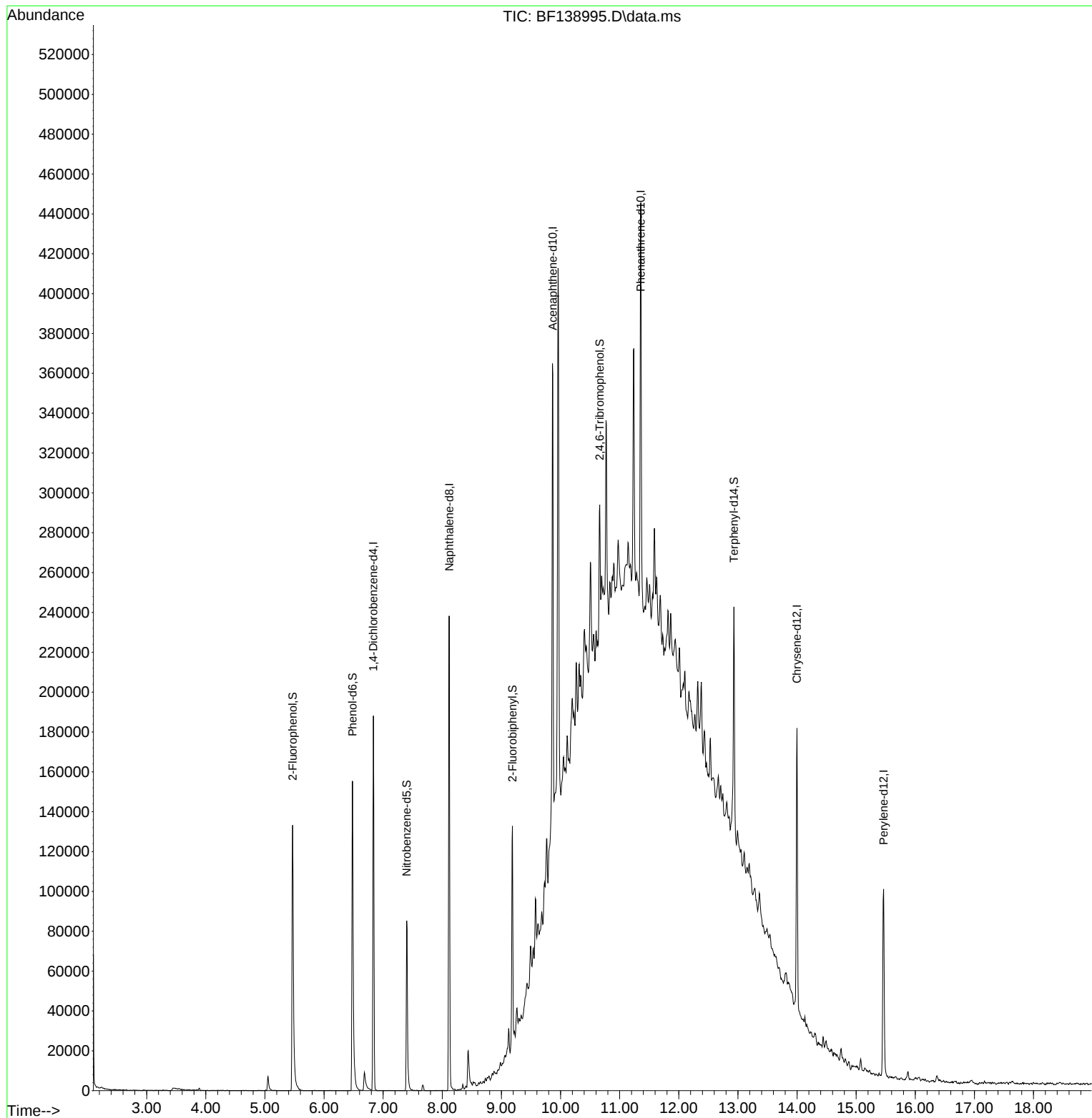
Target Compounds	Qvalue

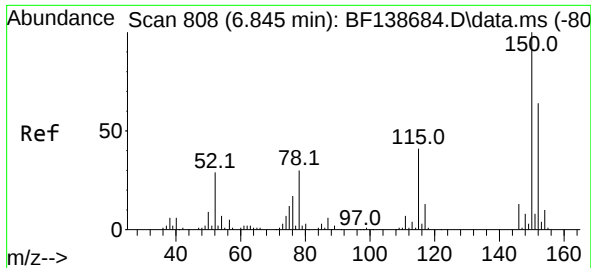
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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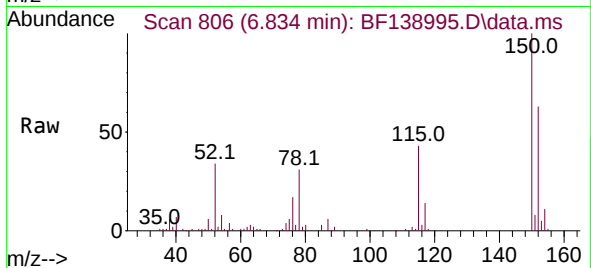
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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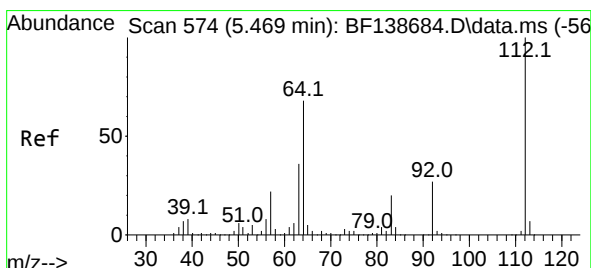
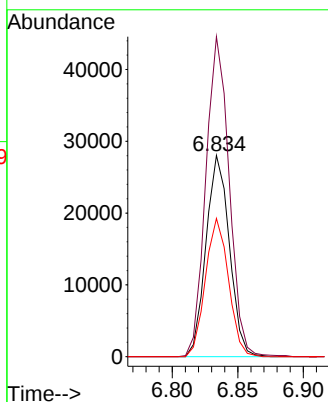
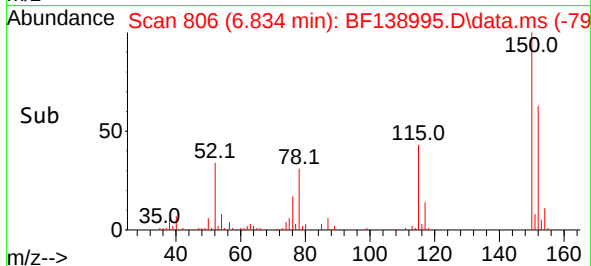


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40

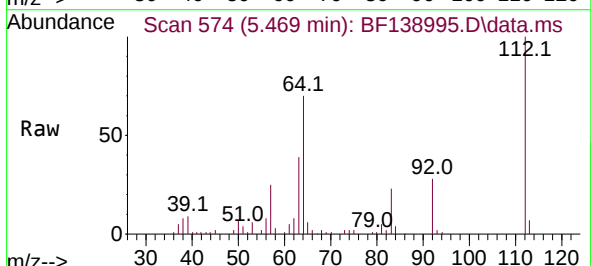
Instrument :
BNA_F
ClientSampleId :
ARS20-0019



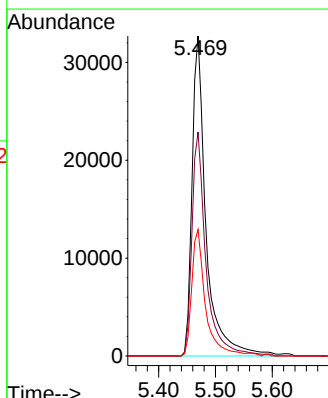
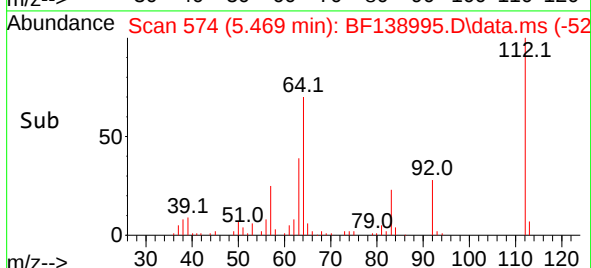
Tgt Ion:152 Resp: 34762
Ion Ratio Lower Upper
152 100
150 159.0 126.0 189.0
115 68.7 51.7 77.5

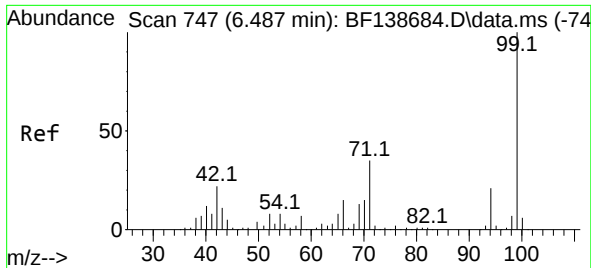


#5
2-Fluorophenol
Concen: 24.990 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40



Tgt Ion:112 Resp: 56276
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.5 28.7 43.1

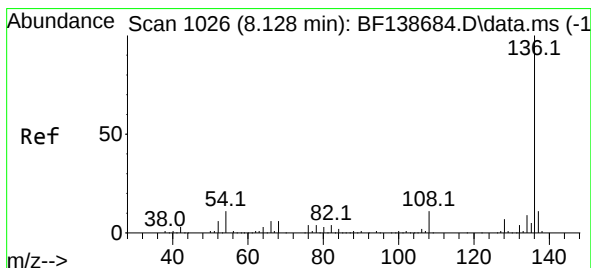
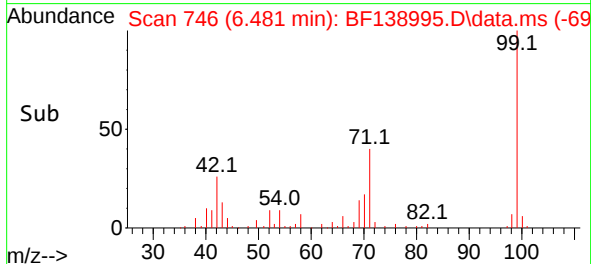
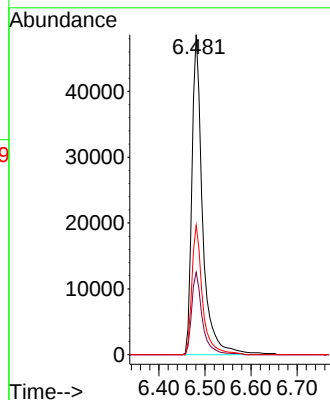
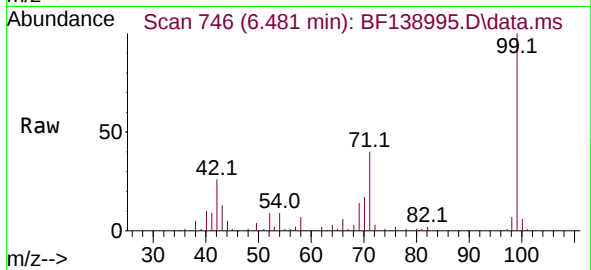




#7
Phenol-d6
Concen: 25.892 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40

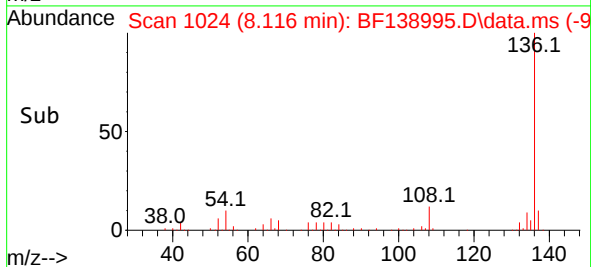
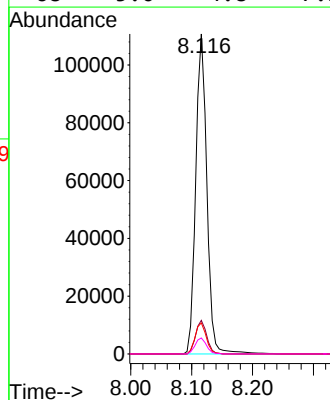
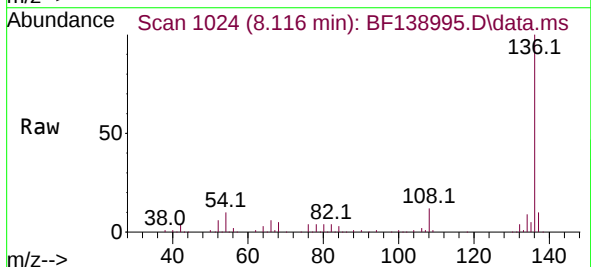
Instrument :
BNA_F
ClientSampleId :
ARS20-0019

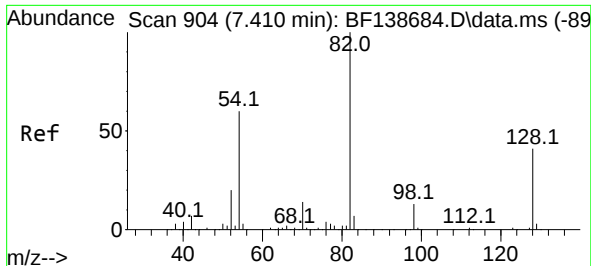
Tgt Ion: 99 Resp: 78284
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 40.5 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40

Tgt Ion: 136 Resp: 140619
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 9.7 8.6 12.8
68 5.0 4.8 7.2

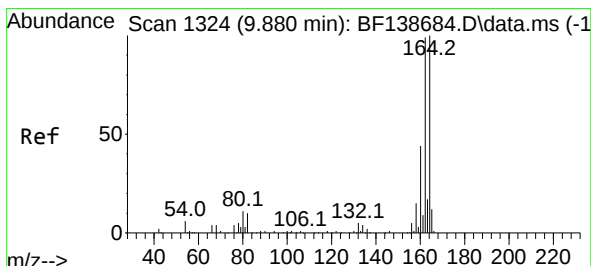
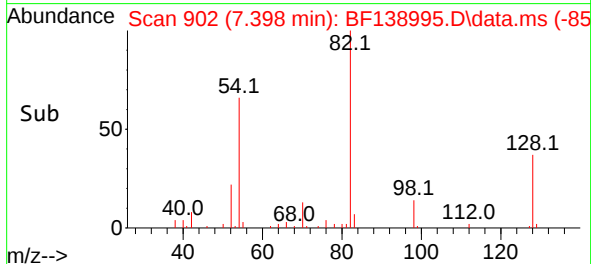
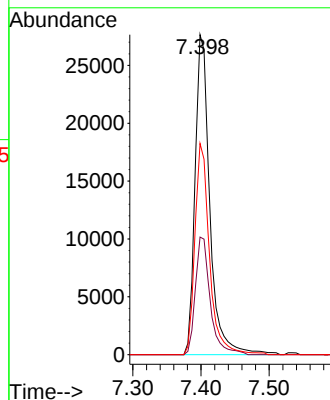
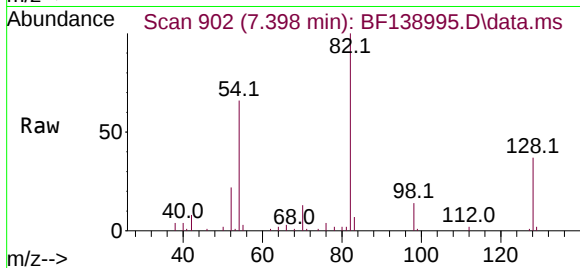




#23
Nitrobenzene-d5
Concen: 14.409 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40

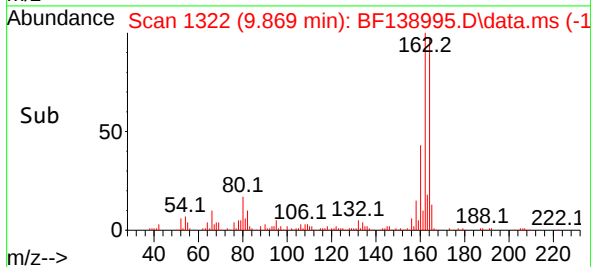
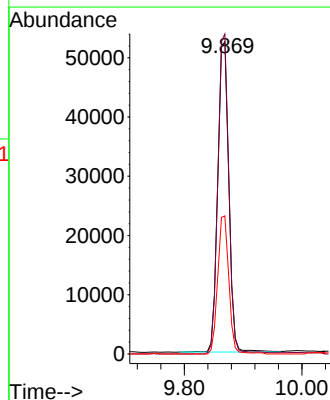
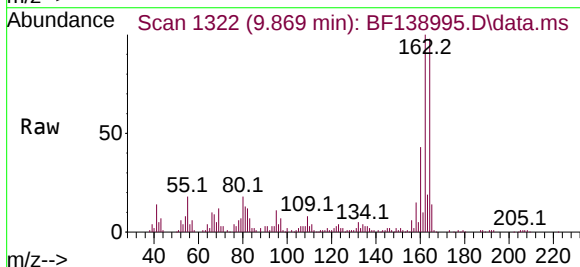
Instrument :
BNA_F
ClientSampleId :
ARS20-0019

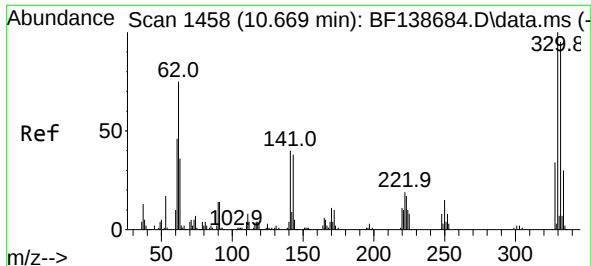
Tgt Ion:	82	Resp:	41442
Ion	Ratio	Lower	Upper
82	100		
128	36.7	32.8	49.2
54	66.0	48.3	72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40

Tgt Ion:	164	Resp:	68528
Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.4	119.0
160	44.3	35.1	52.7





#42

2,4,6-Tribromophenol

Concen: 15.825 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138995.D

Acq: 14 Aug 2024 15:40

Instrument :

BNA_F

ClientSampleId :

ARS20-0019

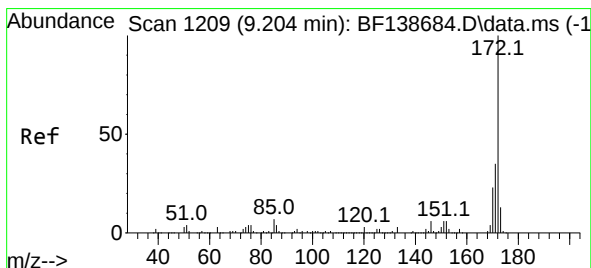
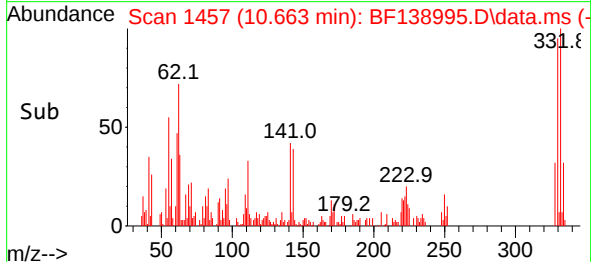
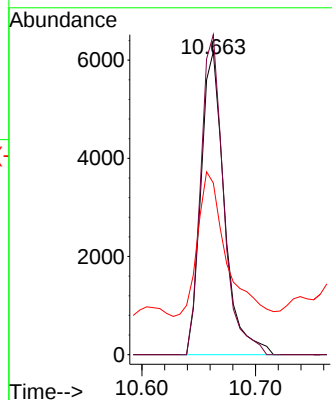
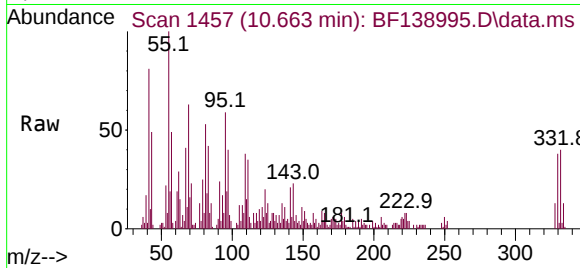
Tgt Ion:330 Resp: 8883

Ion Ratio Lower Upper

330 100

332 102.6 76.4 114.6

141 57.0 31.1 46.7#



#45

2-Fluorobiphenyl

Concen: 10.024 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF138995.D

Acq: 14 Aug 2024 15:40

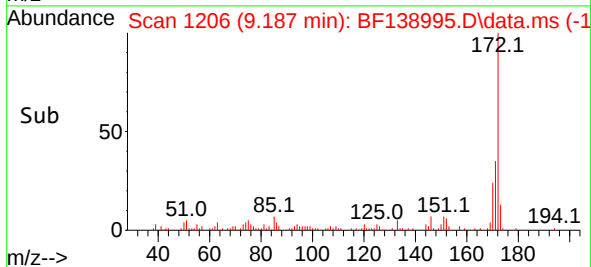
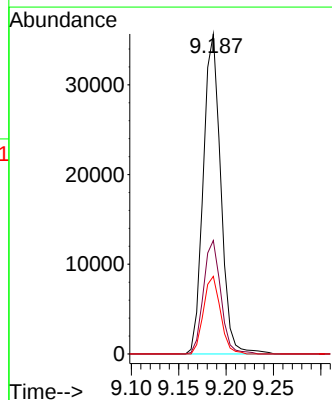
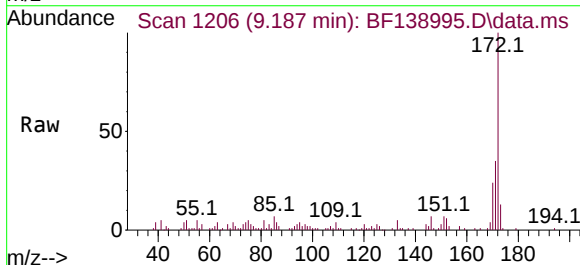
Tgt Ion:172 Resp: 45721

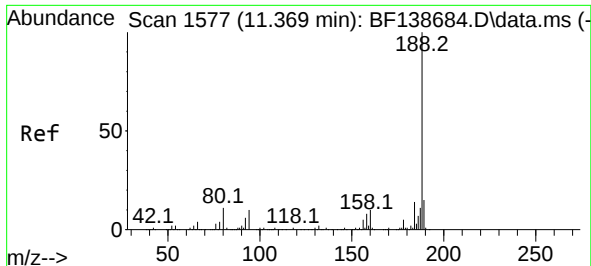
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 24.3 18.8 28.2

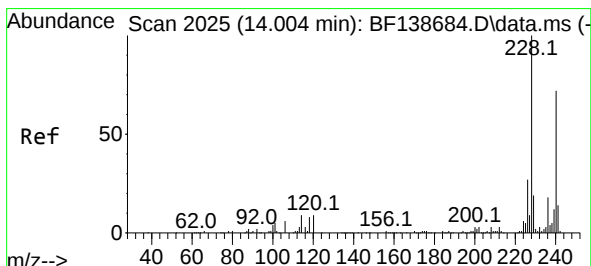
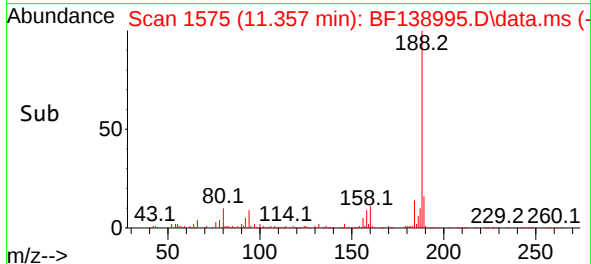
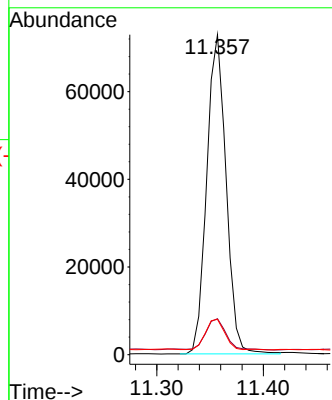
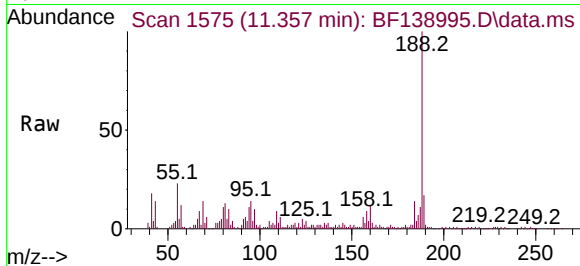




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40

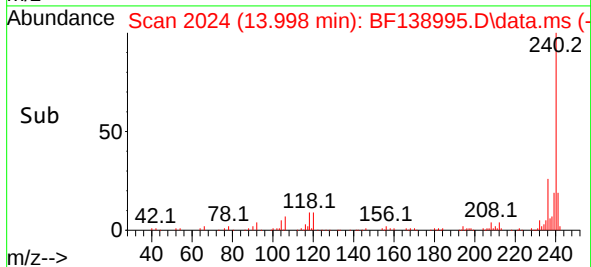
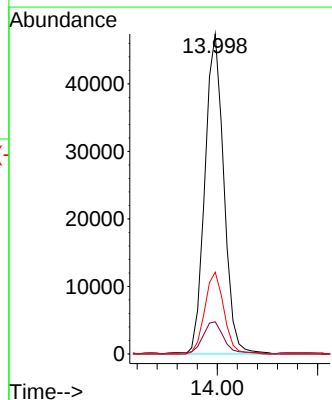
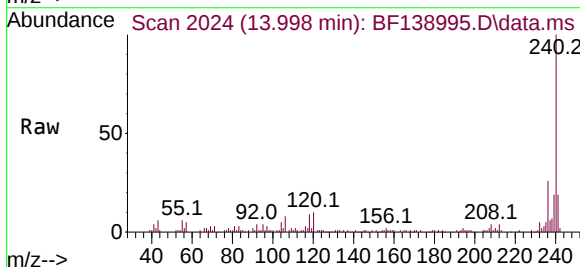
Instrument :
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ARS20-0019

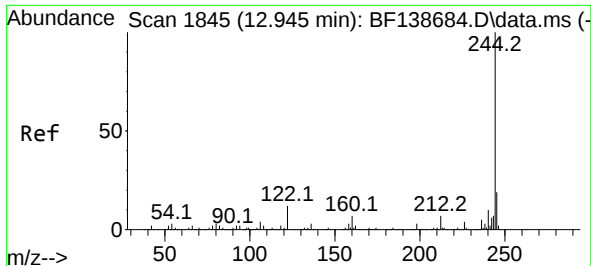
Tgt Ion:188 Resp: 91762
Ion Ratio Lower Upper
188 100
94 11.3 7.6 11.4
80 11.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138995.D
Acq: 14 Aug 2024 15:40

Tgt Ion:240 Resp: 62167
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 13.167 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF138995.D

Acq: 14 Aug 2024 15:40

Instrument :

BNA_F

ClientSampleId :

ARS20-0019

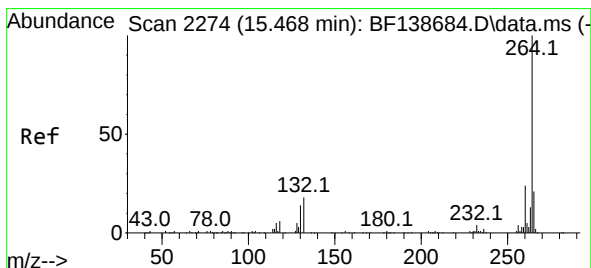
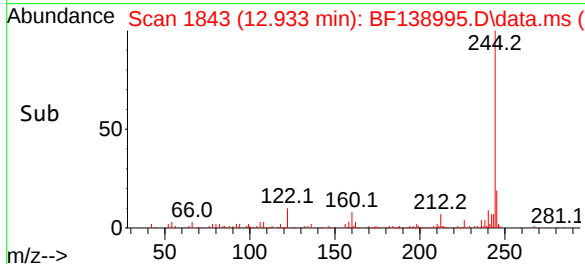
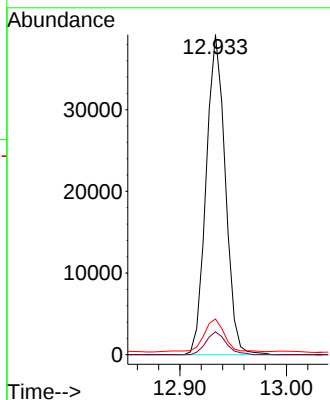
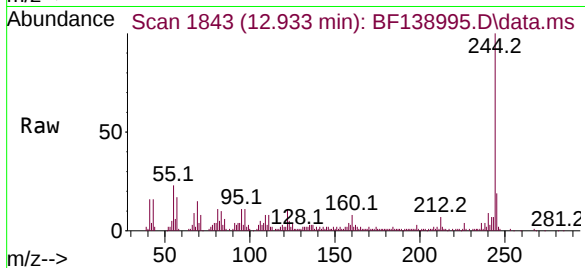
Tgt Ion:244 Resp: 48890

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 11.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138995.D

Acq: 14 Aug 2024 15:40

Tgt Ion:264 Resp: 57139

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.1 17.0 25.6

