

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135715.D
 Acq On : 11 Oct 2023 16:11
 Operator : CG\JU
 Sample : 04817-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Time: Oct 12 00:48:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	98357	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	345990	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	118383	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	118520	20.000	ng	# 0.02
76) Chrysene-d12	13.945	240	153257	20.000	ng	0.00
86) Perylene-d12	15.409	264	213854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	617014	102.030	ng	0.00
7) Phenol-d6	6.392	99	776044	100.922	ng	0.00
23) Nitrobenzene-d5	7.304	82	455279	71.491	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	96968	82.425	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	686052	87.433	ng	0.00
79) Terphenyl-d14	12.892	244	430180	43.513	ng	0.02

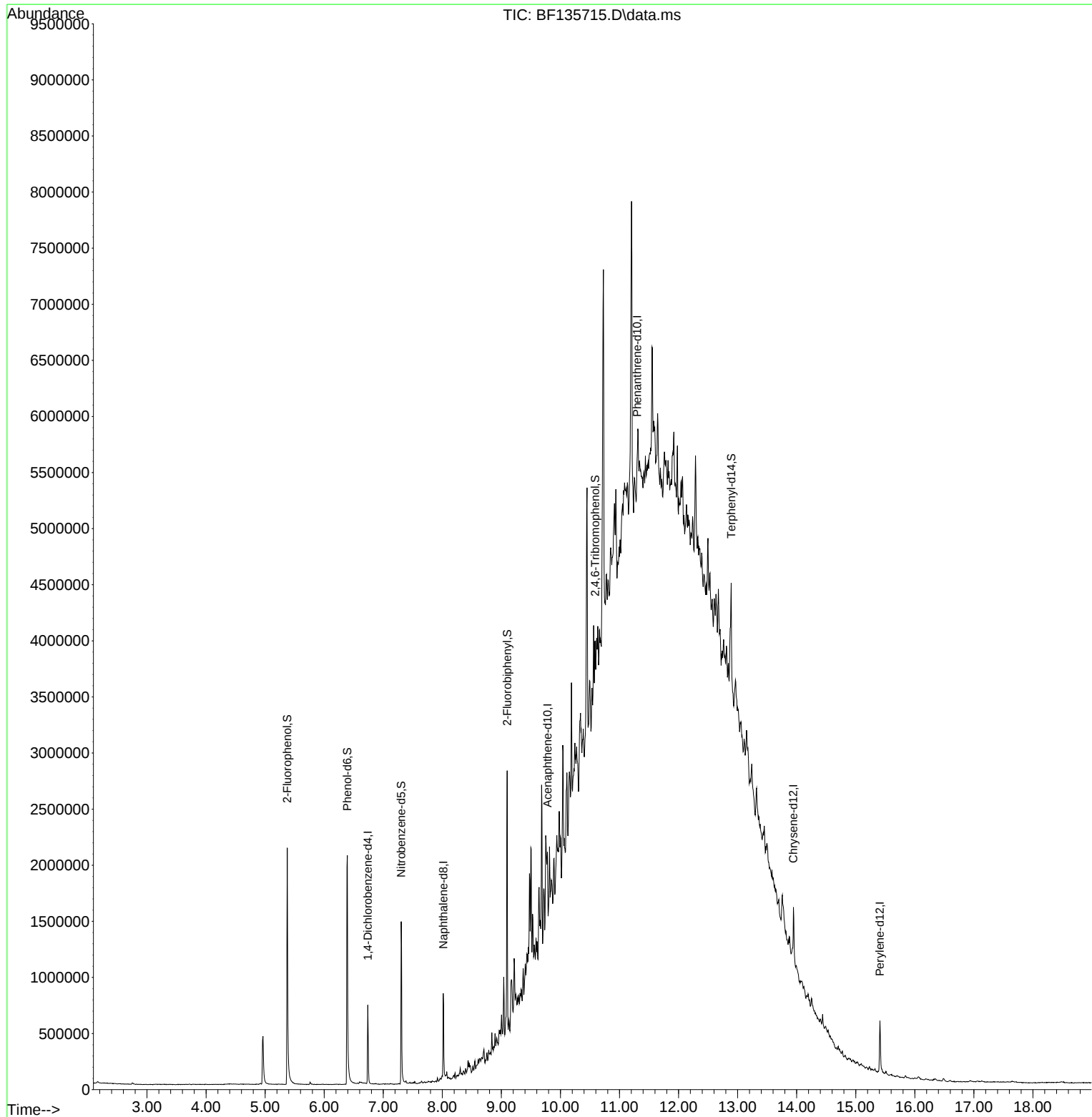
Target Compounds	Qvalue

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

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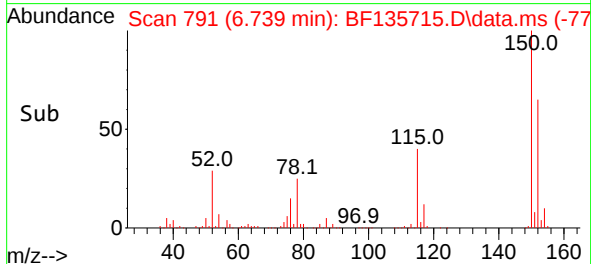
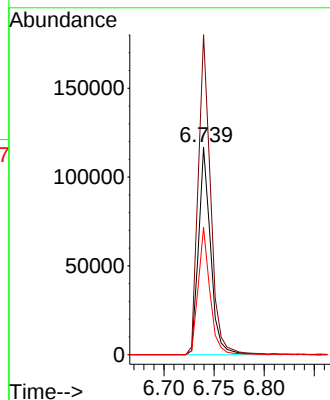
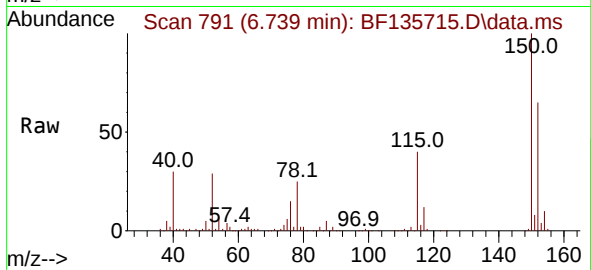




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135715.D
Acq: 11 Oct 2023 16:11

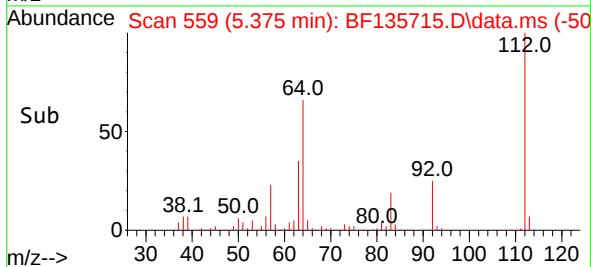
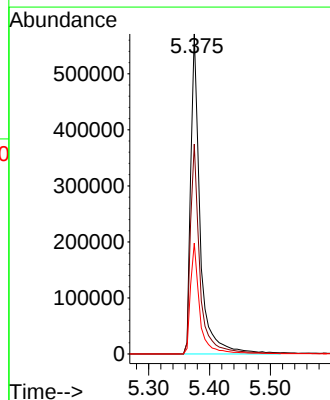
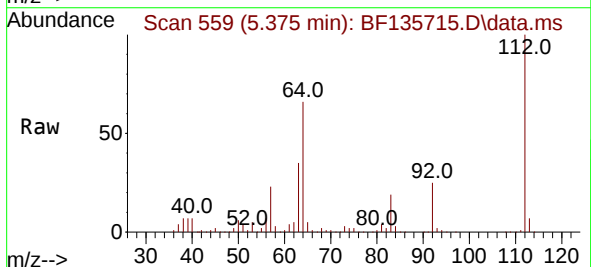
Instrument :
BNA_F
ClientSampleId :
VNJ-241

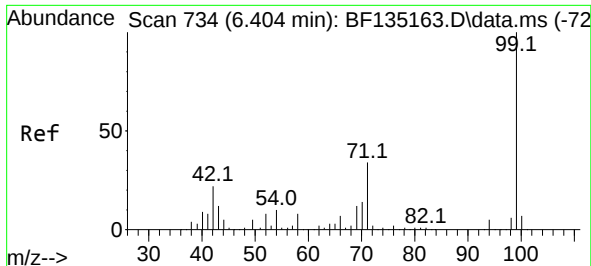
Tgt Ion:152 Resp: 98357
Ion Ratio Lower Upper
152 100
150 154.2 127.8 191.6
115 61.4 49.8 74.8



#5
2-Fluorophenol
Concen: 102.030 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135715.D
Acq: 11 Oct 2023 16:11

Tgt Ion:112 Resp: 617014
Ion Ratio Lower Upper
112 100
64 65.6 55.9 83.9
63 34.7 29.0 43.6

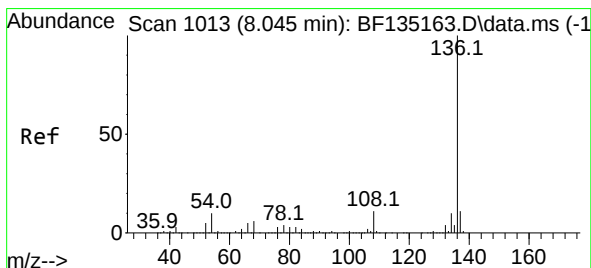
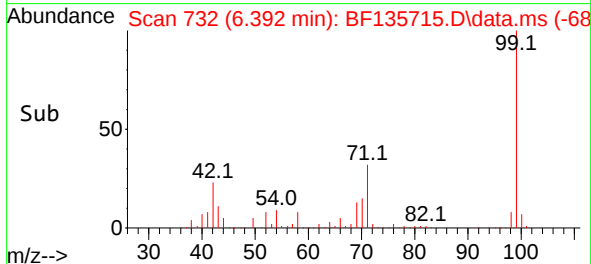
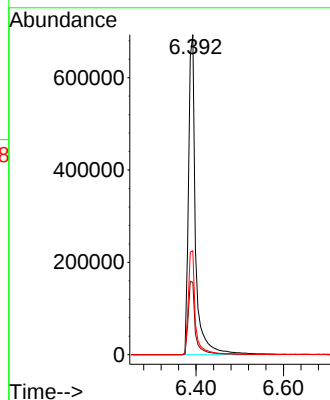
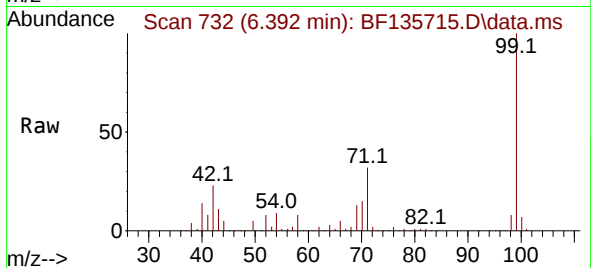




#7
Phenol-d6
Concen: 100.922 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135715.D
Acq: 11 Oct 2023 16:11

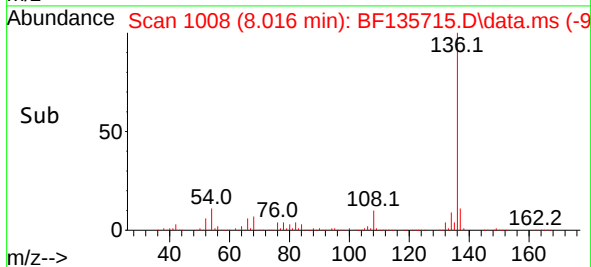
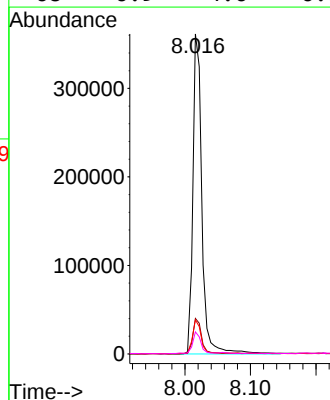
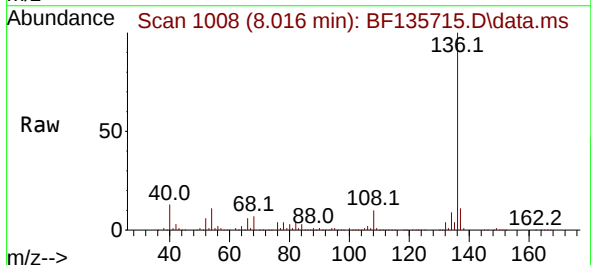
Instrument :
BNA_F
ClientSampleId :
VNJ-241

Tgt Ion: 99 Resp: 776044
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 32.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135715.D
Acq: 11 Oct 2023 16:11

Tgt Ion: 136 Resp: 345990
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.7 7.7 11.5
68 6.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 71.491 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135715.D

Acq: 11 Oct 2023 16:11

Instrument :

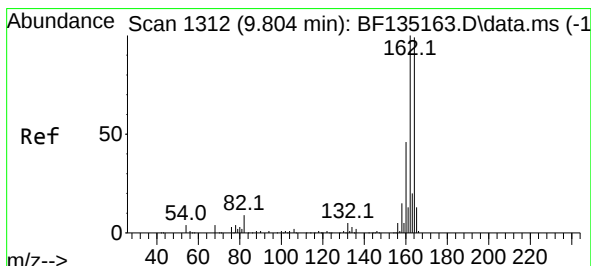
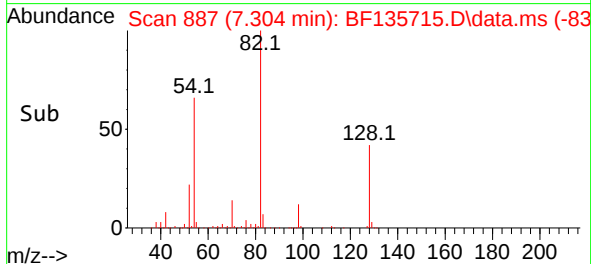
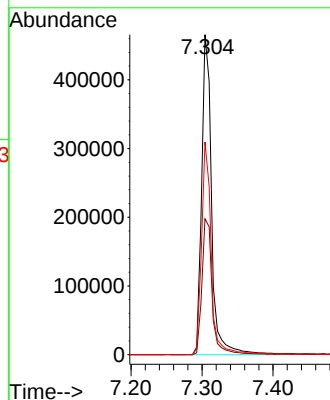
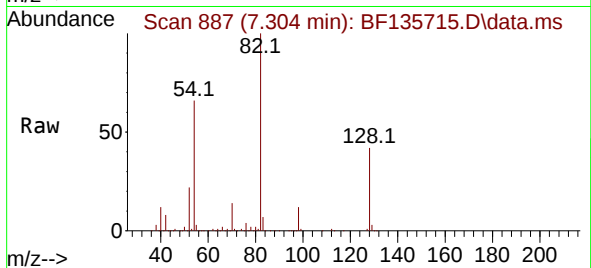
BNA_F

ClientSampleId :

VNJ-241

Tgt Ion: 82 Resp: 455279

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.8	53.6
54	66.4	50.6	76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1308

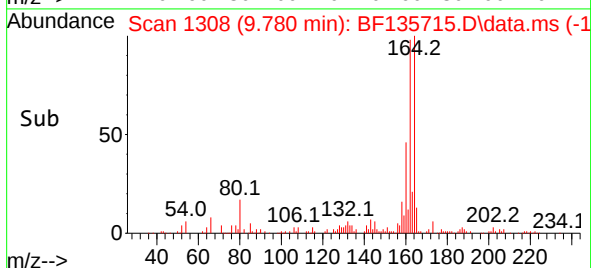
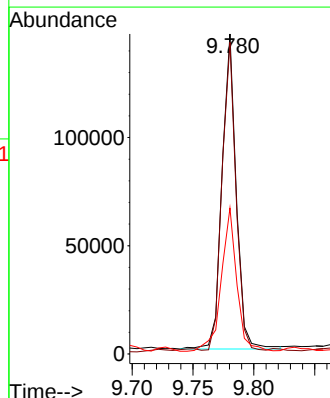
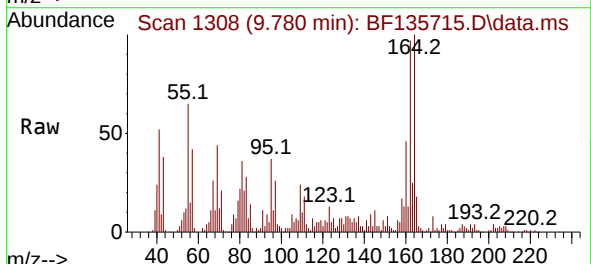
Delta R.T. -0.000 min

Lab File: BF135715.D

Acq: 11 Oct 2023 16:11

Tgt Ion:164 Resp: 118383

Ion	Ratio	Lower	Upper
164	100		
162	97.4	81.0	121.4
160	45.6	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 82.425 ng

RT: 10.586 min Scan# 1445

Delta R.T. 0.012 min

Lab File: BF135715.D

Acq: 11 Oct 2023 16:11

Instrument :

BNA_F

ClientSampleId :

VNJ-241

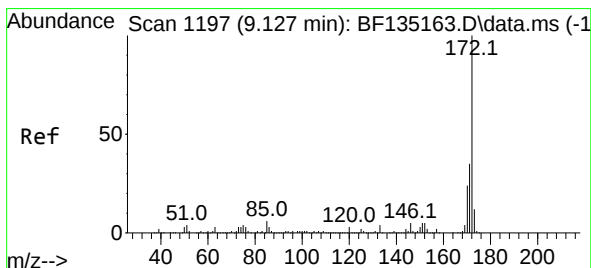
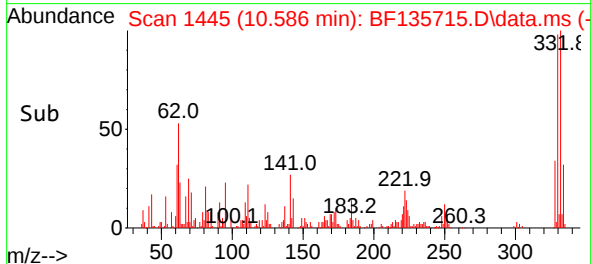
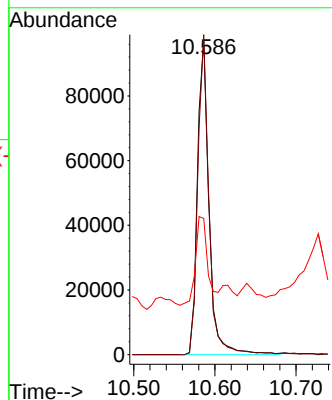
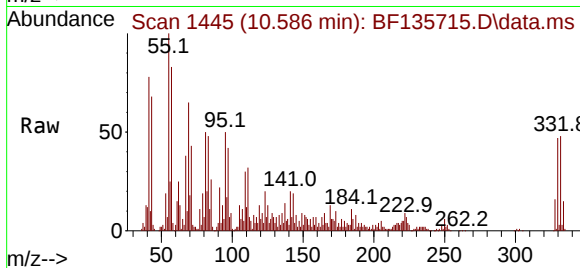
Tgt Ion:330 Resp: 96968

Ion Ratio Lower Upper

330 100

332 98.6 77.3 115.9

141 30.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.433 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135715.D

Acq: 11 Oct 2023 16:11

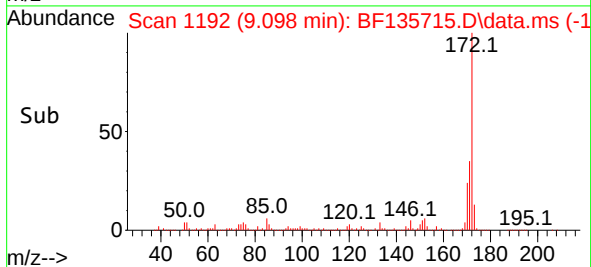
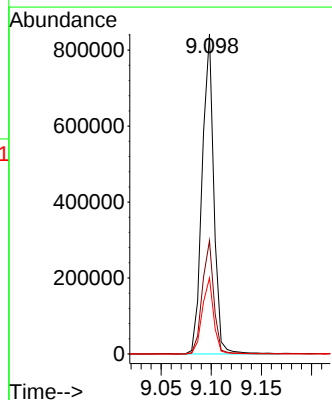
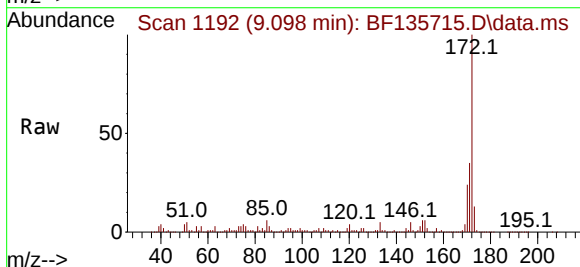
Tgt Ion:172 Resp: 686052

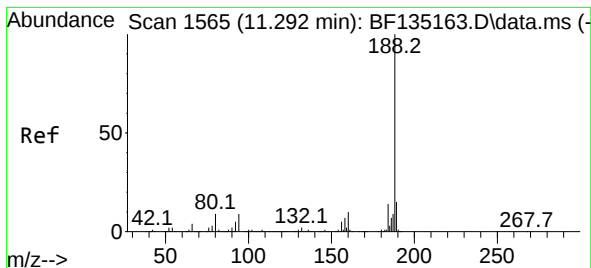
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. 0.023 min

Lab File: BF135715.D

Acq: 11 Oct 2023 16:11

Instrument :

BNA_F

ClientSampleId :

VNJ-241

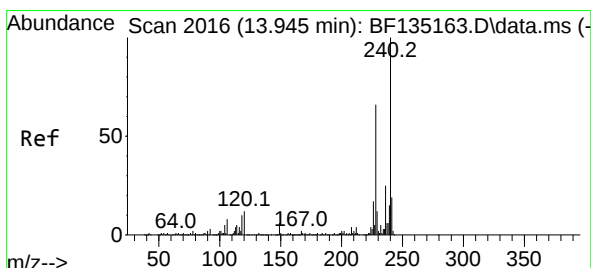
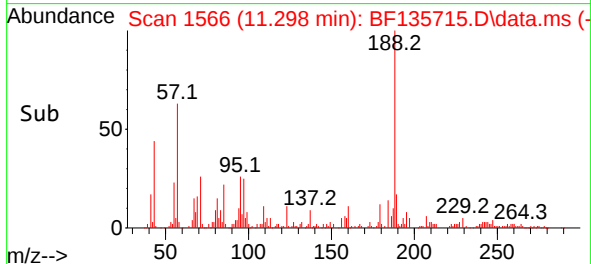
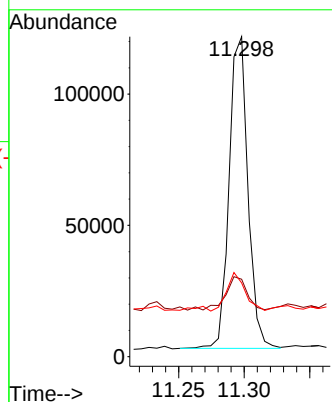
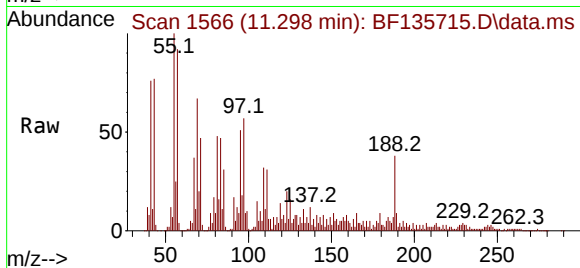
Tgt Ion:188 Resp: 118520

Ion Ratio Lower Upper

188 100

94 24.2 7.0 10.6#

80 23.1 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.006 min

Lab File: BF135715.D

Acq: 11 Oct 2023 16:11

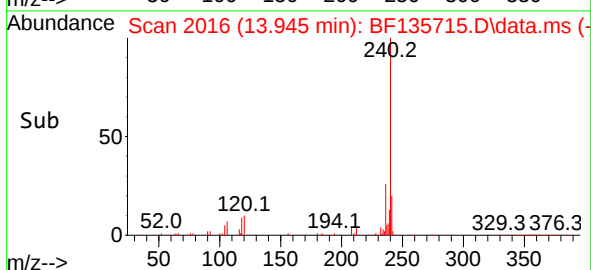
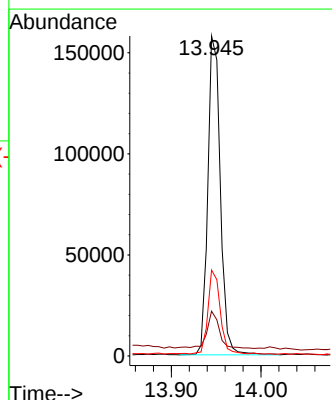
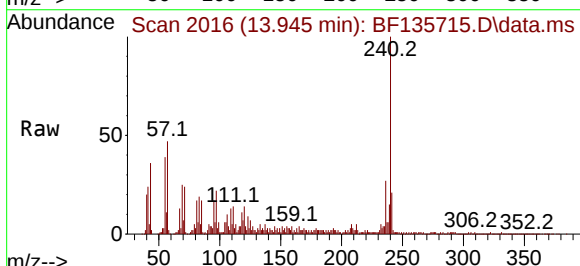
Tgt Ion:240 Resp: 153257

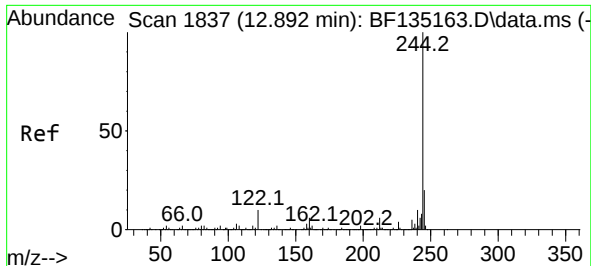
Ion Ratio Lower Upper

240 100

120 14.0 9.4 14.2

236 26.8 19.8 29.8

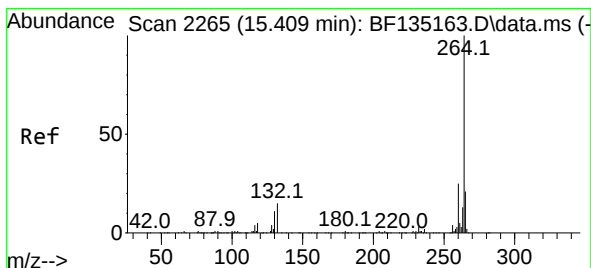
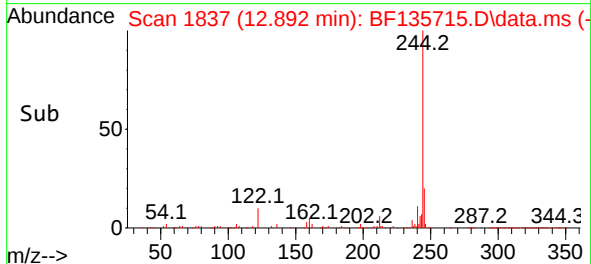
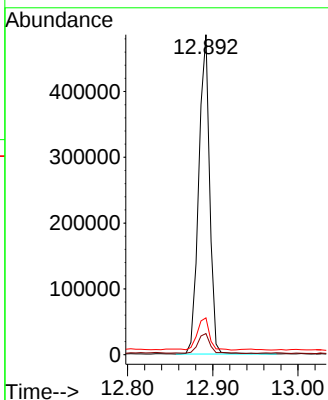
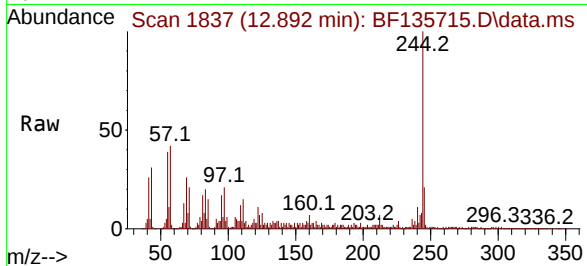




#79
 Terphenyl-d14
 Concen: 43.513 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.023 min
 Lab File: BF135715.D
 Acq: 11 Oct 2023 16:11

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Tgt Ion:244 Resp: 430180
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135715.D
 Acq: 11 Oct 2023 16:11

Tgt Ion:264 Resp: 213854
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.8 17.0 25.4

