

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137415.D
 Acq On : 27 Feb 2024 20:12
 Operator : CG\JU
 Sample : P1539-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06

Quant Time: Feb 28 05:23:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	194625	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	767479	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	416979	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	634281	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	406663	20.000	ng	-0.02
86) Perylene-d12	15.445	264	405824	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	866900	68.730	ng	-0.01
7) Phenol-d6	6.416	99	745543	40.182	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1430053	93.025	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	457831	126.087	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2298326	85.811	ng	-0.02
79) Terphenyl-d14	12.910	244	2278267	78.359	ng	-0.02

Target Compounds	Qvalue

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

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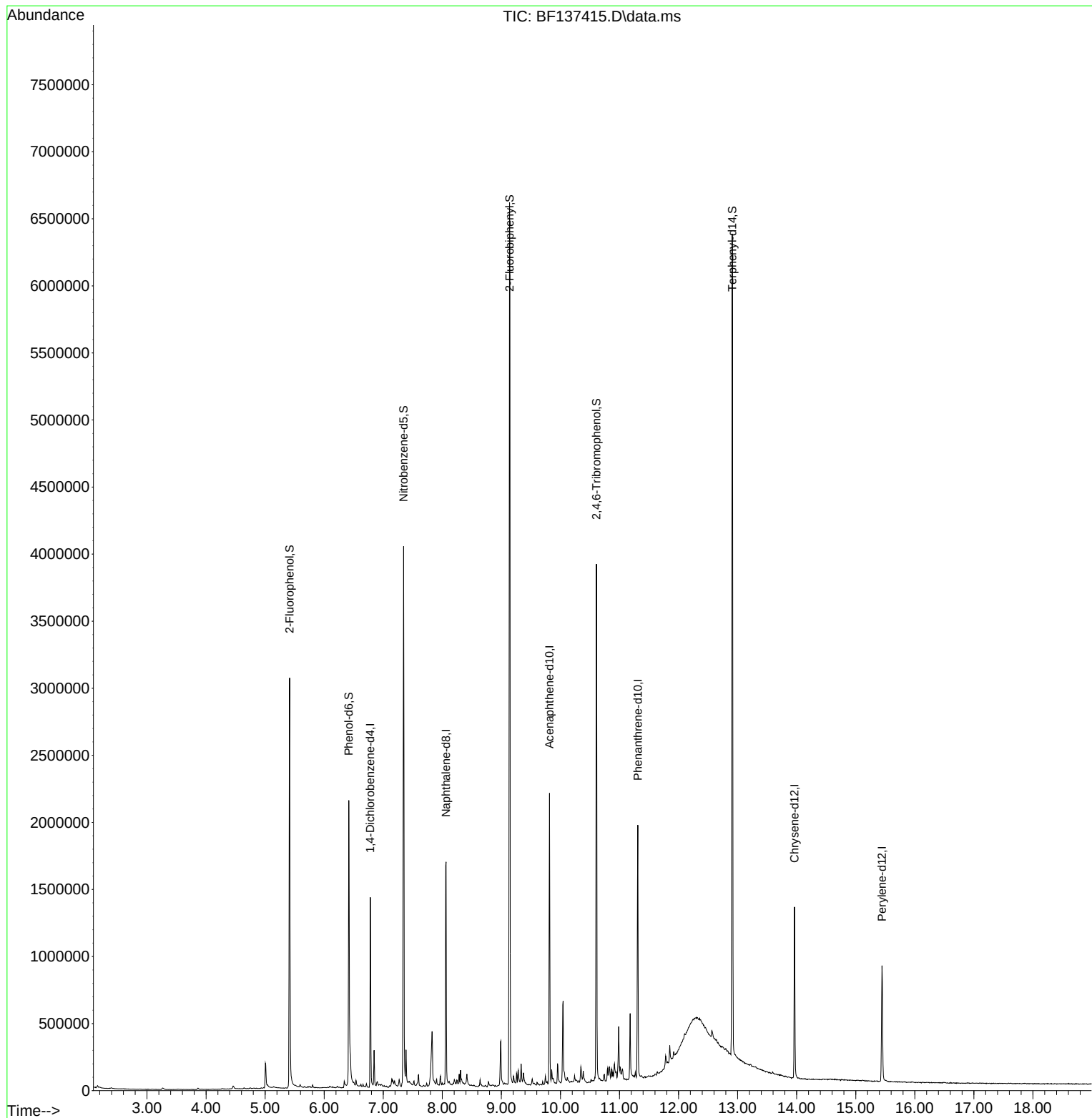
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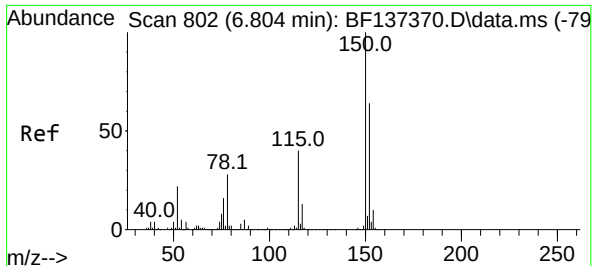
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.024 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

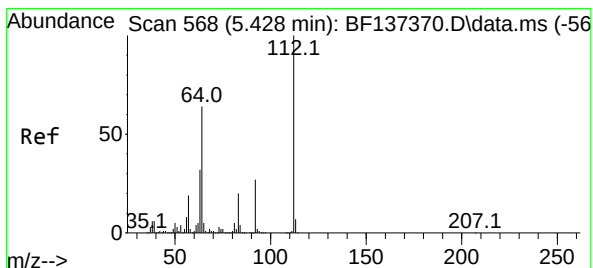
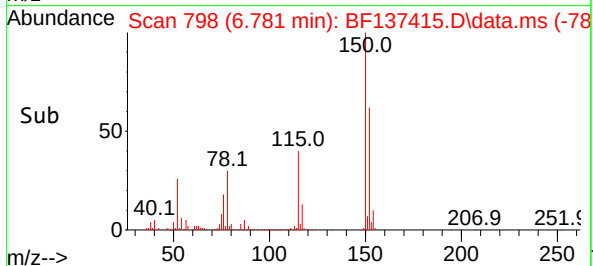
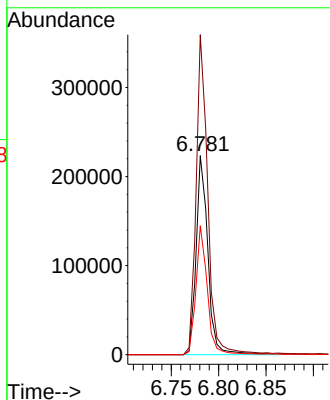
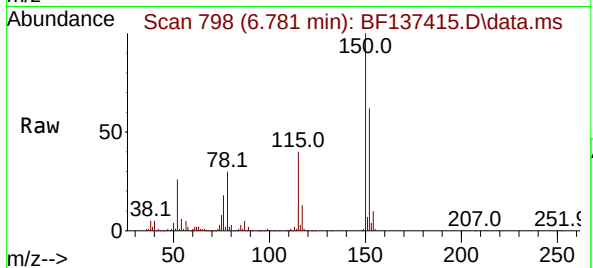
Instrument :

BNA_F

ClientSampleId :

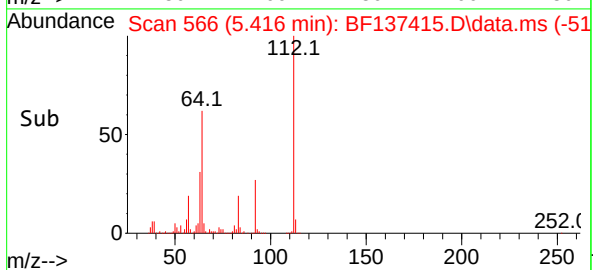
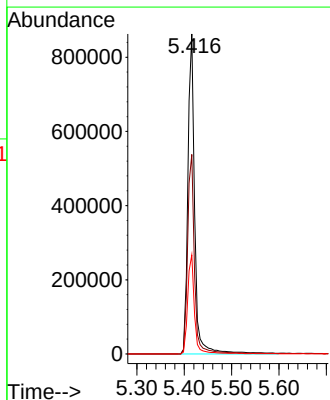
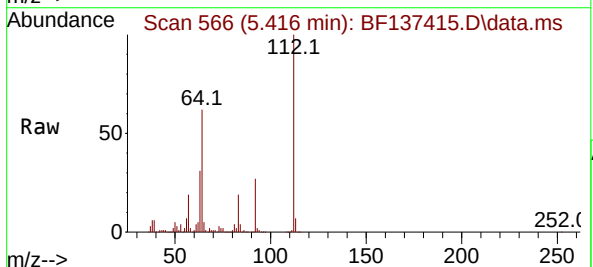
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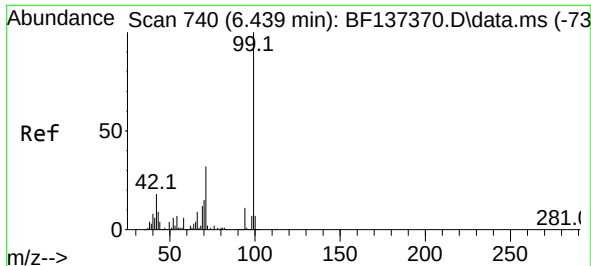
Tgt Ion:152 Resp: 194625
Ion Ratio Lower Upper
152 100
150 160.7 125.7 188.5
115 64.8 49.8 74.8



#5
2-Fluorophenol
Concen: 68.730 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:112 Resp: 866900
Ion Ratio Lower Upper
112 100
64 62.4 51.0 76.6
63 31.0 25.7 38.5





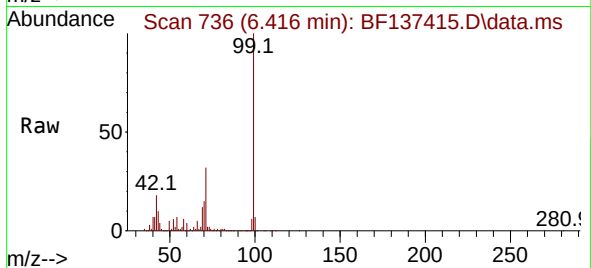
#7
Phenol-d6
Concen: 40.182 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

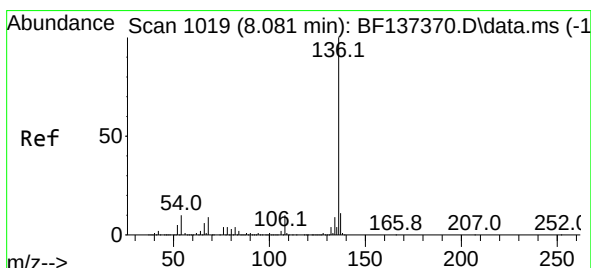
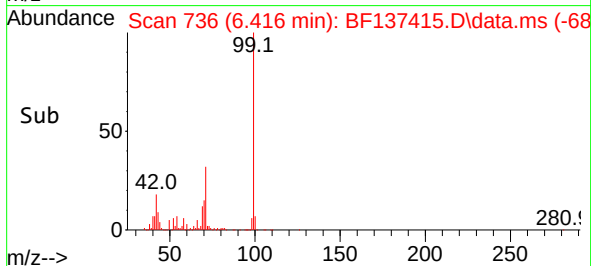
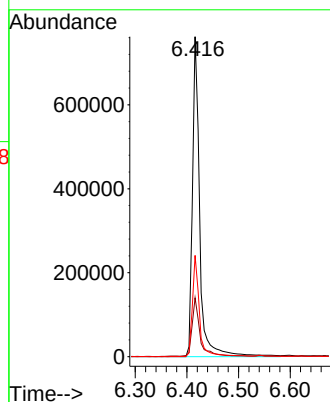
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ClientSampleId :

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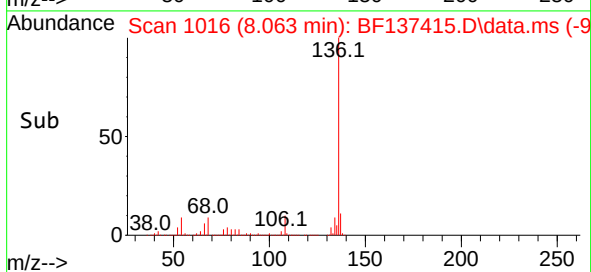
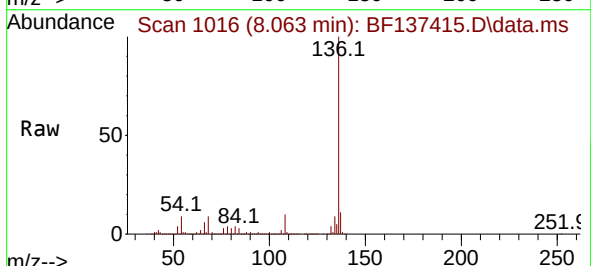
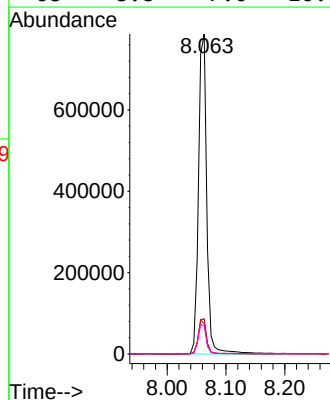


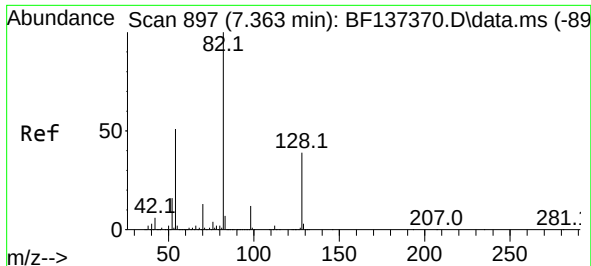
Tgt Ion: 99 Resp: 745543
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 31.7 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:136 Resp: 767479
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.4 7.8 11.6
68 8.8 7.0 10.4





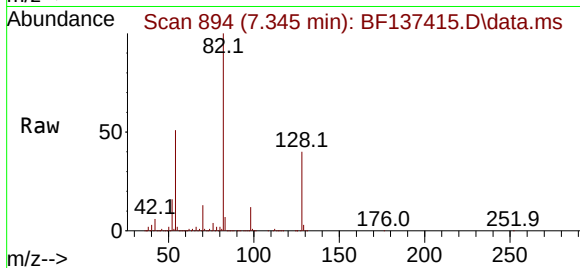
#23
Nitrobenzene-d5
Concen: 93.025 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

BNA_F

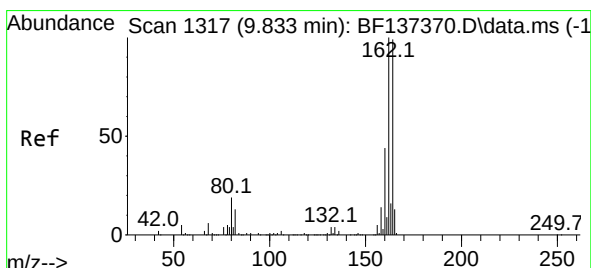
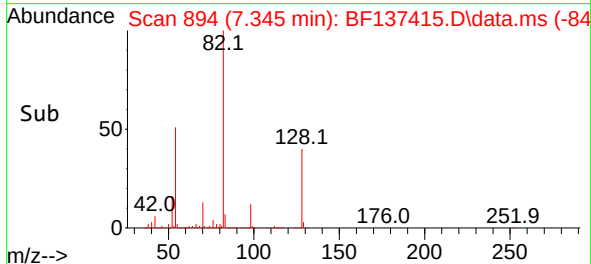
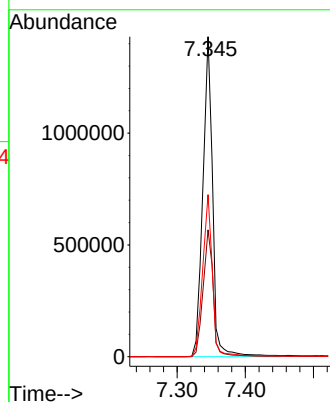
ClientSampleId :

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Tgt Ion: 82 Resp: 1430053

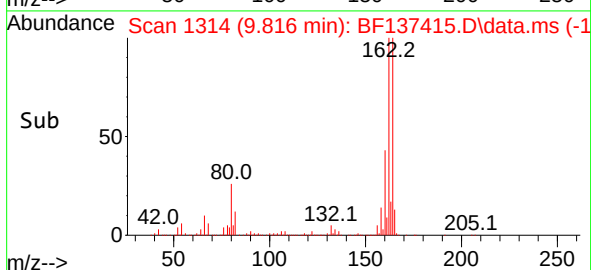
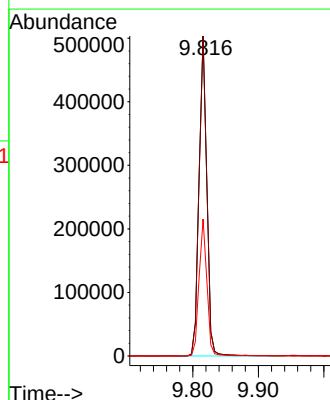
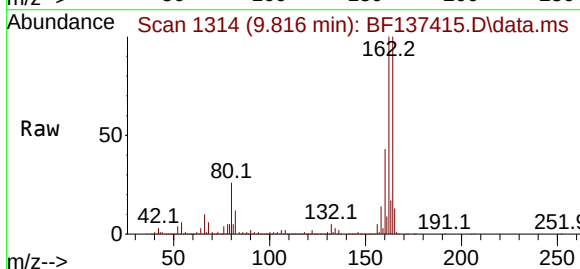
Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.8	46.2
54	50.7	40.8	61.2

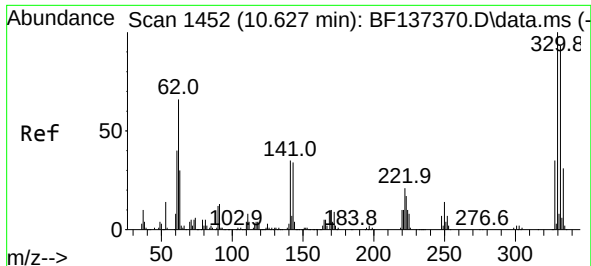


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:164 Resp: 416979

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.2	121.8
160	42.8	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 126.087 ng

RT: 10.610 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF137415.D

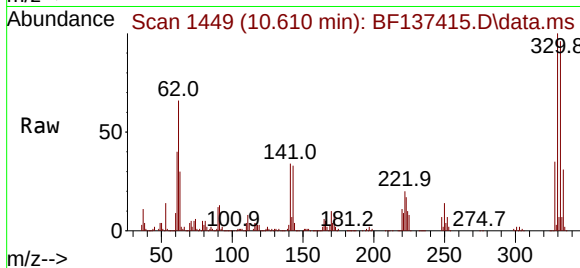
Acq: 27 Feb 2024 20:12

Instrument :

BNA_F

ClientSampleId :

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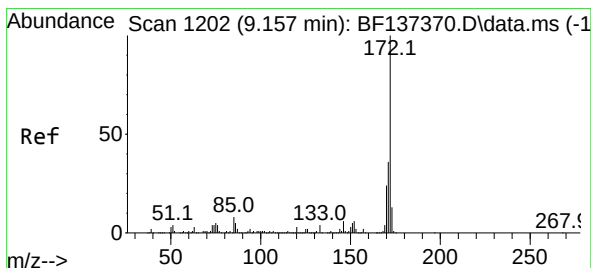
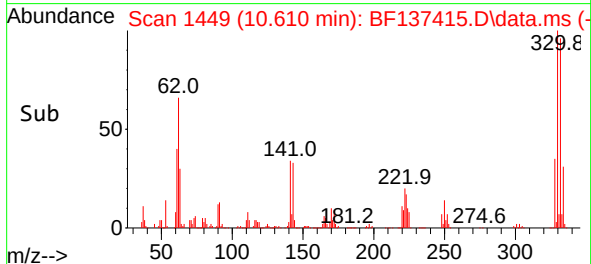
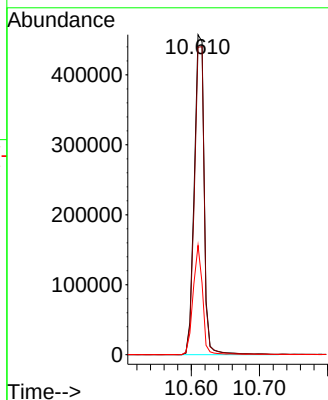
Tgt Ion:330 Resp: 457831

Ion Ratio Lower Upper

330 100

332 95.9 75.6 113.4

141 32.6 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 85.811 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137415.D

Acq: 27 Feb 2024 20:12

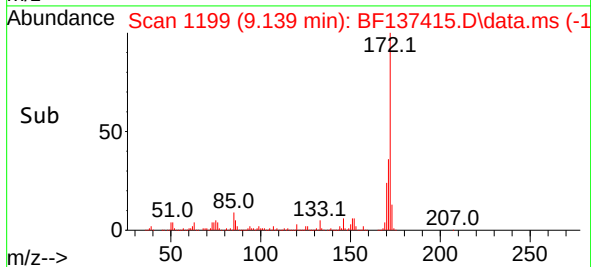
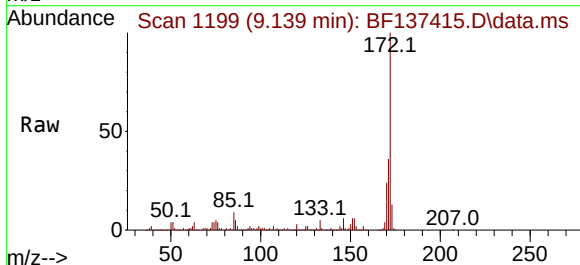
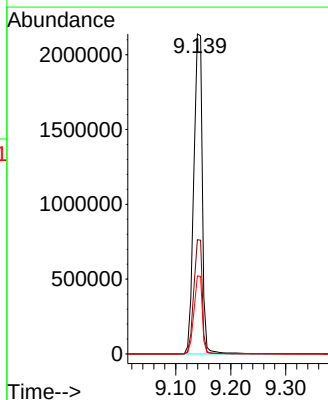
Tgt Ion:172 Resp: 2298326

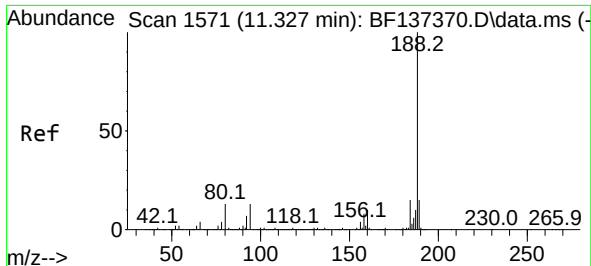
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 24.4 19.5 29.3





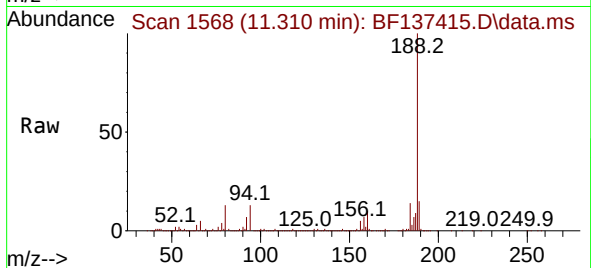
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Instrument :

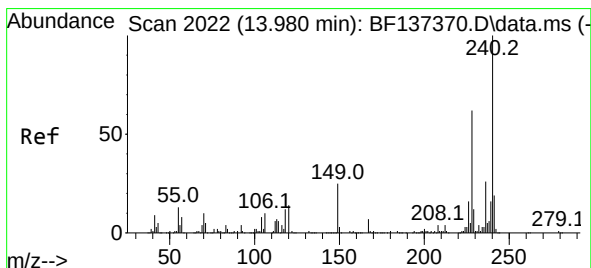
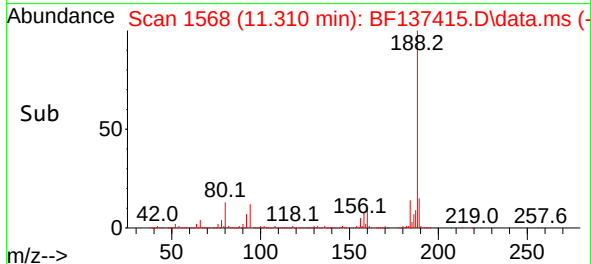
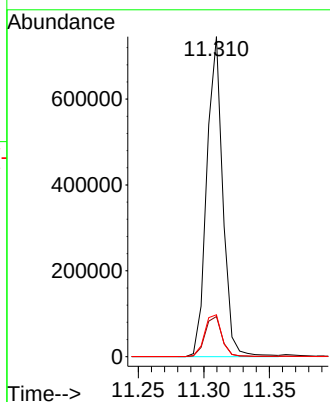
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ClientSampleId :

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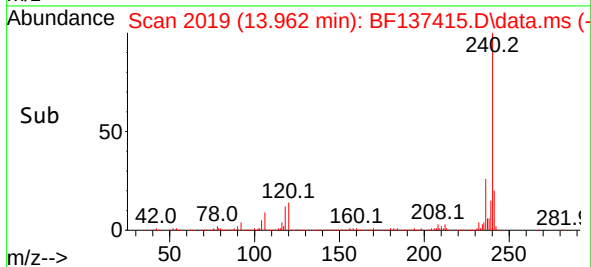
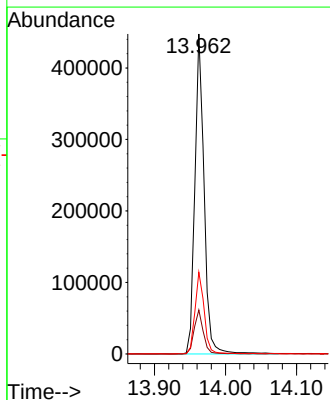
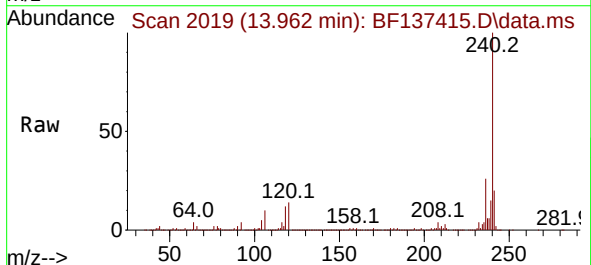


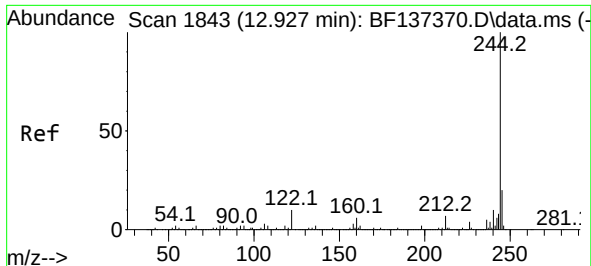
Tgt Ion:188 Resp: 634281
Ion Ratio Lower Upper
188 100
94 12.5 10.2 15.2
80 13.1 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF137415.D
Acq: 27 Feb 2024 20:12

Tgt Ion:240 Resp: 406663
Ion Ratio Lower Upper
240 100
120 13.7 11.3 16.9
236 25.6 20.5 30.7





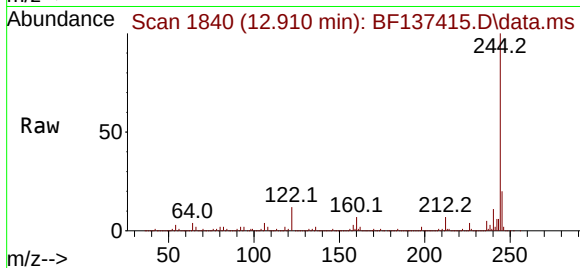
#79
 Terphenyl-d14
 Concen: 78.359 ng
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 Lab File: BF137415.D
 Acq: 27 Feb 2024 20:12

Instrument :

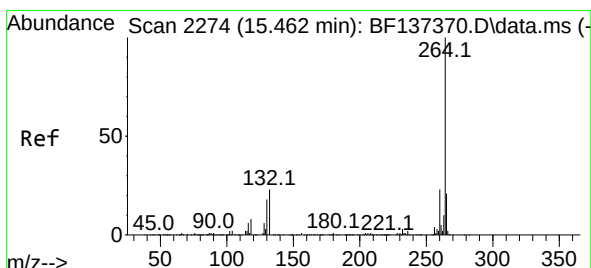
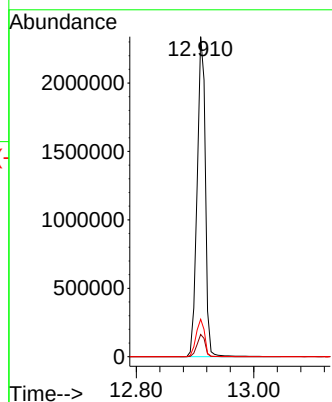
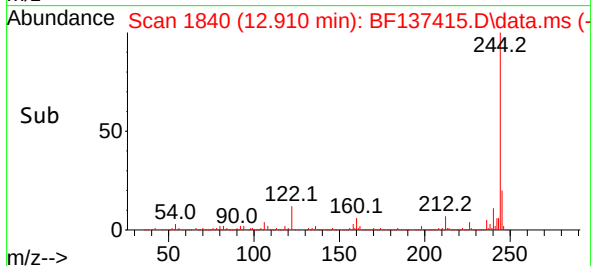
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Tgt Ion:244 Resp: 2278267
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.3 7.9
 122 11.7 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF137415.D
 Acq: 27 Feb 2024 20:12

Tgt Ion:264 Resp: 405824
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.0 16.9 25.3

