

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131071.D
 Acq On : 08 Nov 2022 17:26
 Operator : CG\JU
 Sample : N5415-12RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-25RE

Quant Time: Nov 09 04:07:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

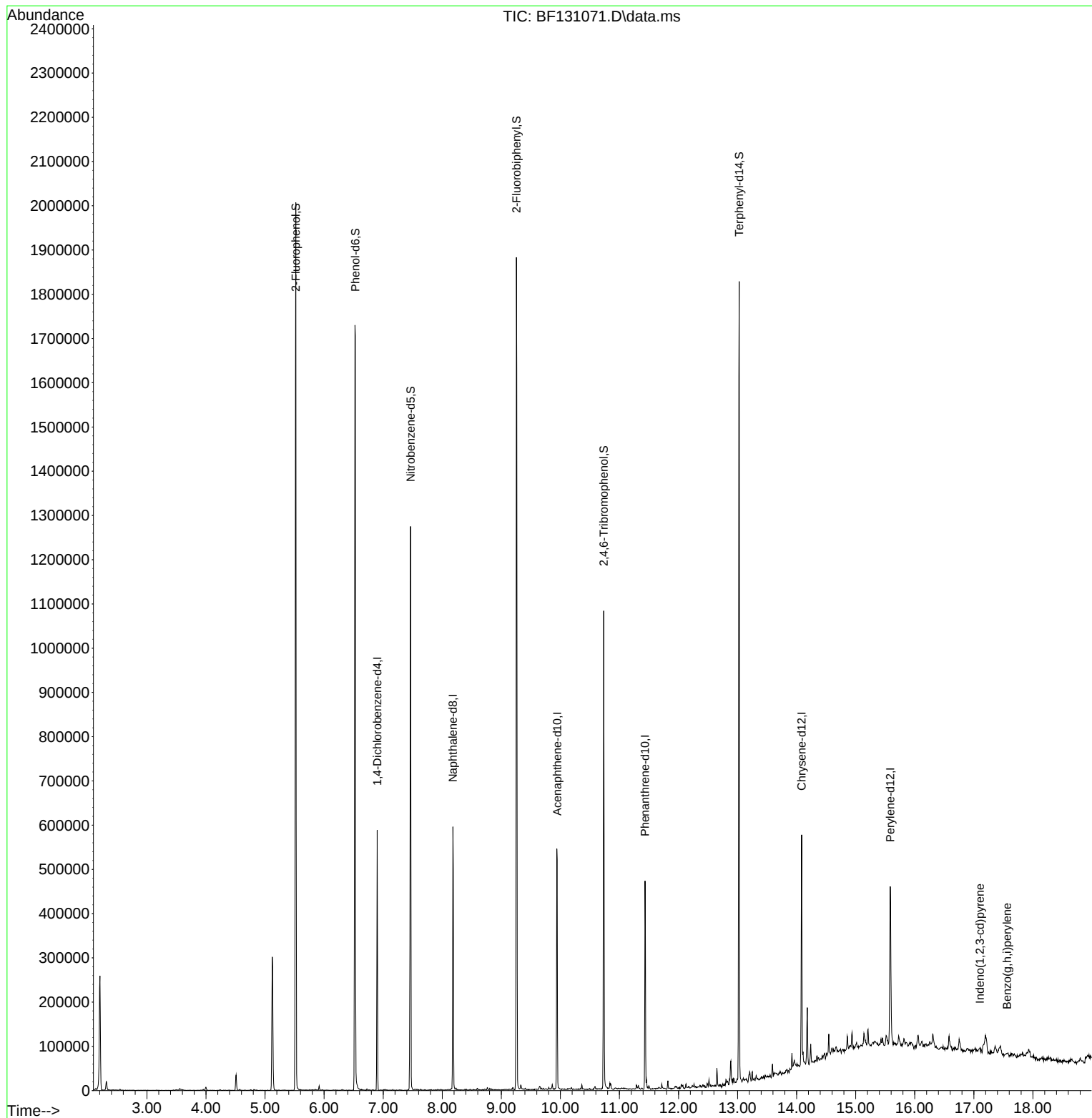
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	70784	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	249083	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	113041	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	160119	20.000	ng	0.00
76) Chrysene-d12	14.086	240	165462	20.000	ng	0.00
86) Perylene-d12	15.586	264	162722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	473055	107.764	ng	0.00
7) Phenol-d6	6.528	99	588067	109.757	ng	0.00
23) Nitrobenzene-d5	7.463	82	358876	66.785	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	109174	87.722	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	556427	67.083	ng	-0.01
79) Terphenyl-d14	13.027	244	605184	58.640	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.104	276	5602	3.704	ng	# 92
92) Benzo(g,h,i)perylene	17.562	276	6079	3.887	ng	# 93

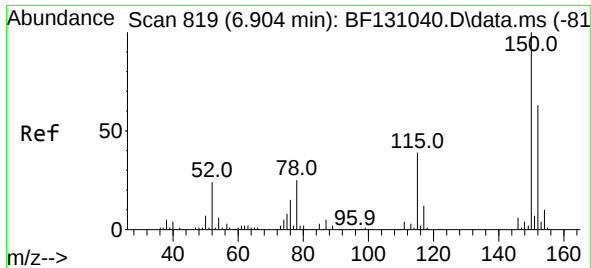
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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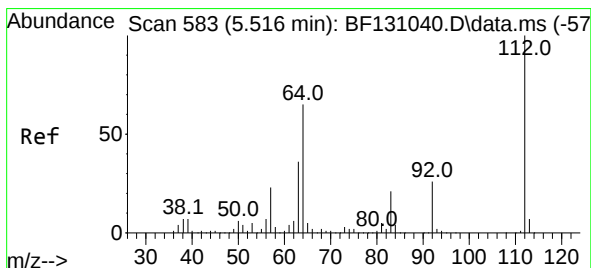
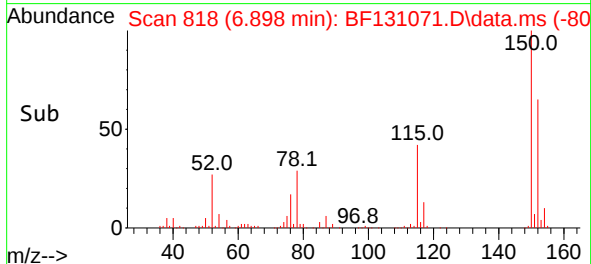
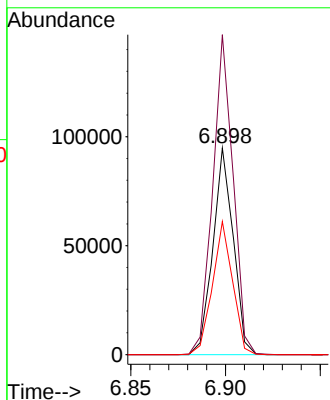
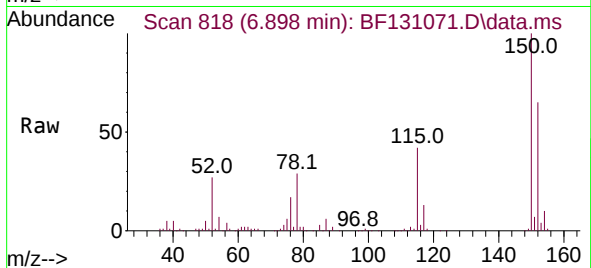




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

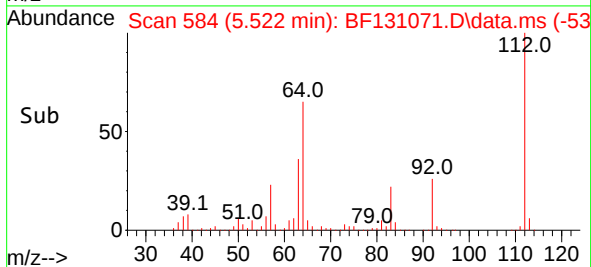
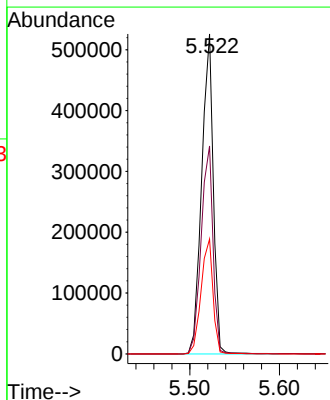
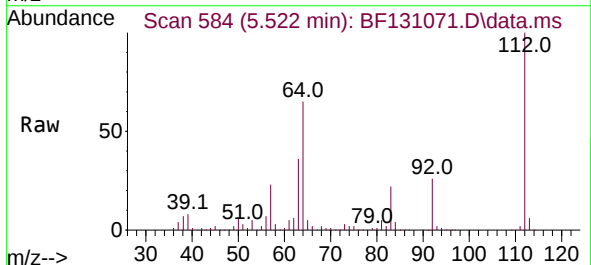
Instrument :
BNA_F
ClientSampleId :
R-25RE

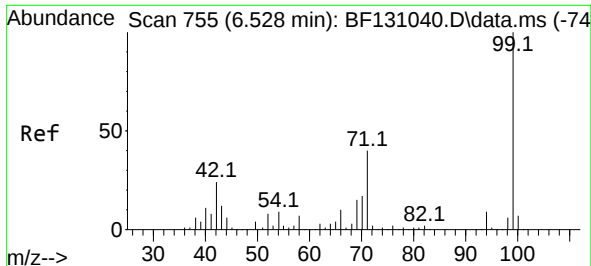
Tgt Ion:152 Resp: 70784
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 64.4 49.1 73.7



#5
2-Fluorophenol
Concen: 107.764 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:112 Resp: 473055
Ion Ratio Lower Upper
112 100
64 65.0 52.2 78.4
63 35.9 29.0 43.4

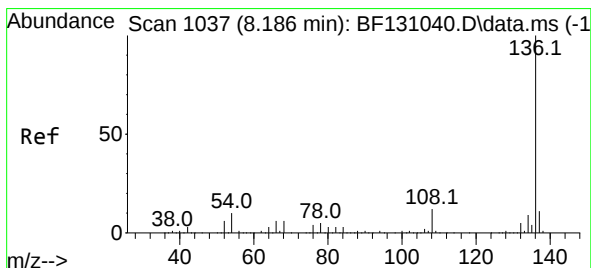
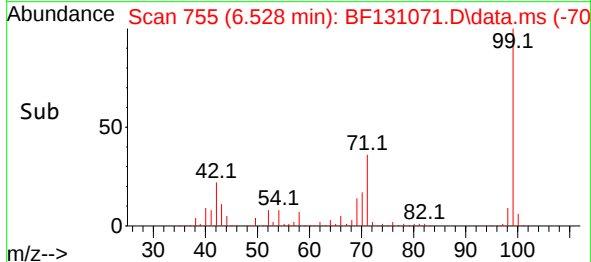
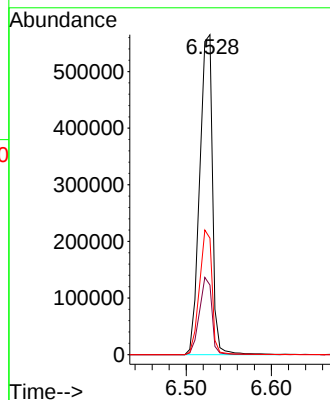
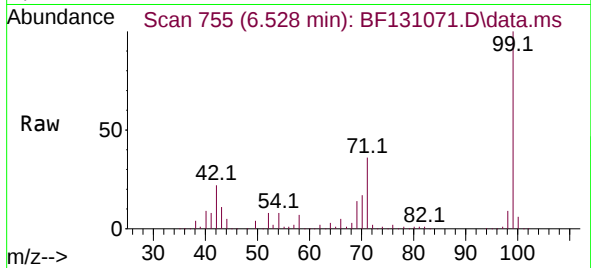




#7
Phenol-d6
Concen: 109.757 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

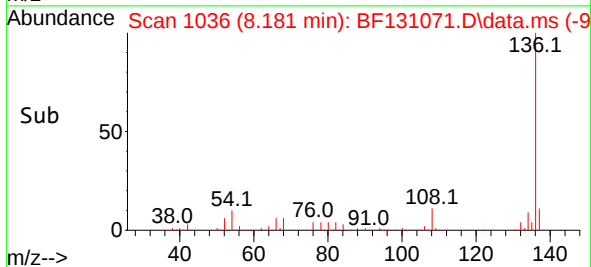
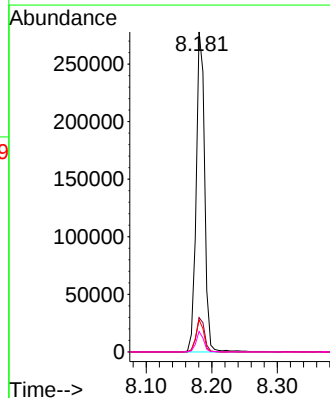
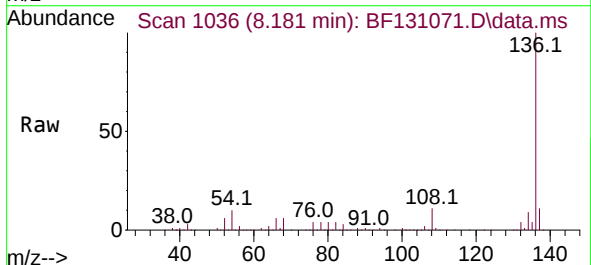
Instrument :
BNA_F
ClientSampleId :
R-25RE

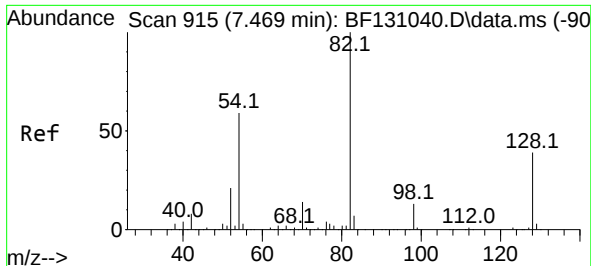
Tgt Ion: 99 Resp: 588067
Ion Ratio Lower Upper
99 100
42 21.7 19.4 29.0
71 36.4 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:136 Resp: 249083
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.0 8.2 12.2
68 6.4 4.8 7.2

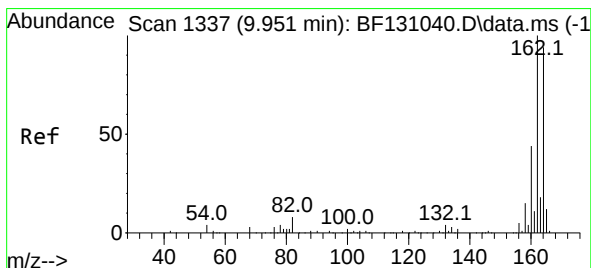
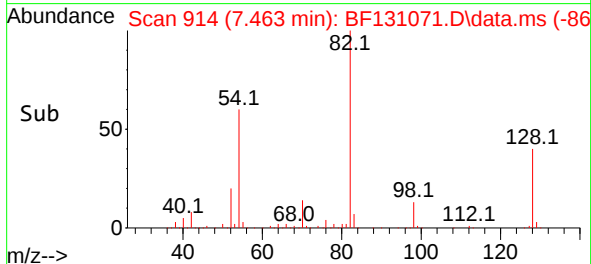
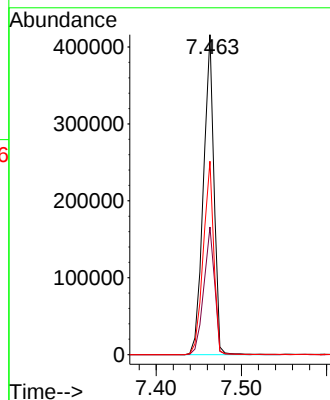
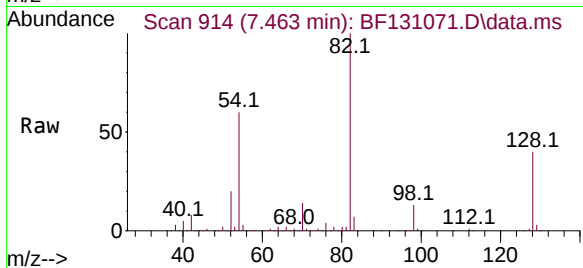




#23
Nitrobenzene-d5
Concen: 66.785 ng
RT: 7.463 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

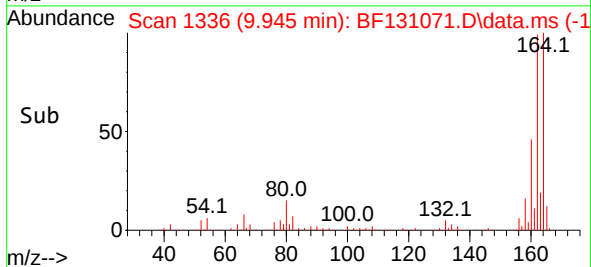
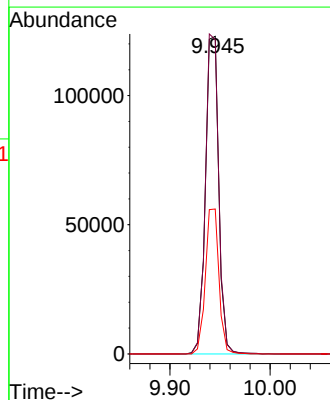
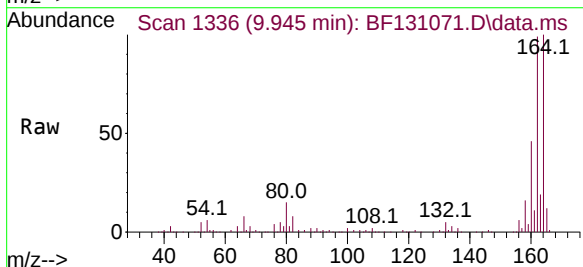
Instrument :
BNA_F
ClientSampleId :
R-25RE

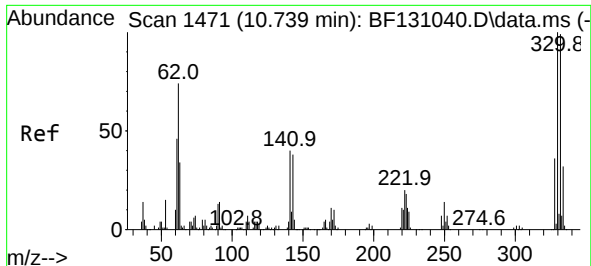
Tgt Ion: 82 Resp: 358876
Ion Ratio Lower Upper
82 100
128 39.9 31.3 46.9
54 60.4 47.2 70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:164 Resp: 113041
Ion Ratio Lower Upper
164 100
162 99.0 85.0 127.6
160 45.6 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 87.722 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131071.D

Acq: 08 Nov 2022 17:26

Instrument :

BNA_F

ClientSampleId :

R-25RE

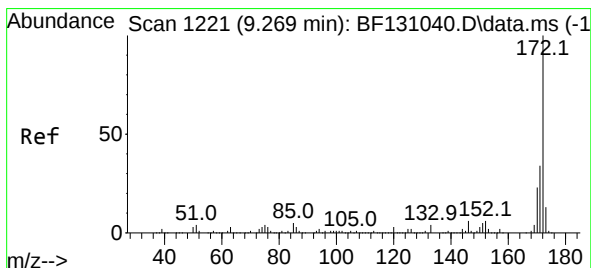
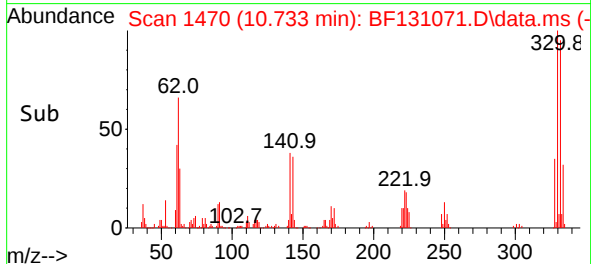
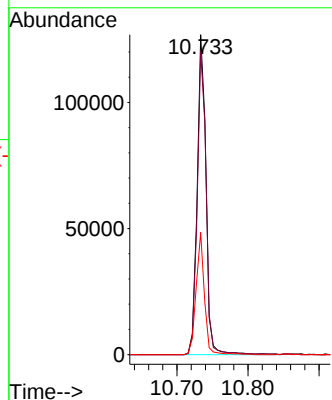
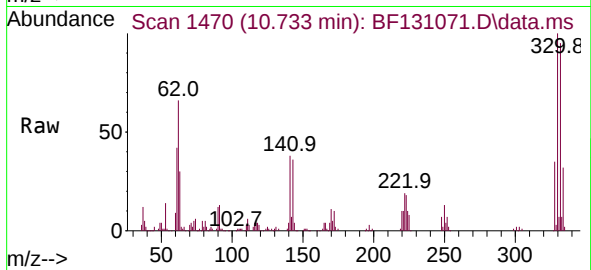
Tgt Ion:330 Resp: 109174

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.4

141 36.1 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 67.083 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF131071.D

Acq: 08 Nov 2022 17:26

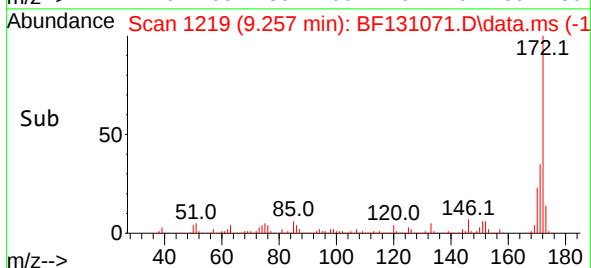
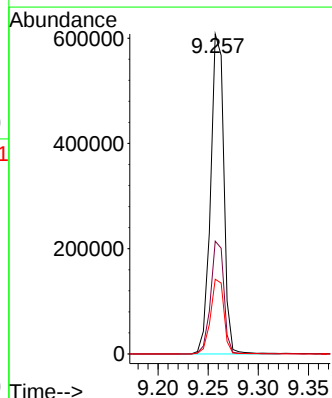
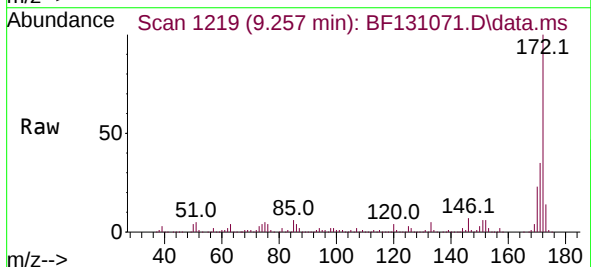
Tgt Ion:172 Resp: 556427

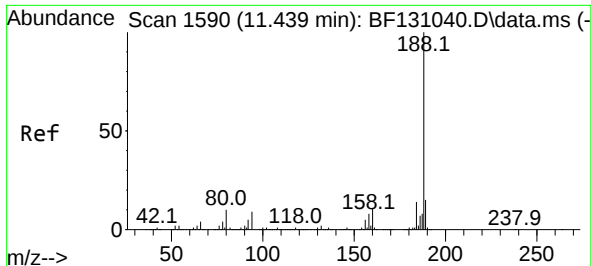
Ion Ratio Lower Upper

172 100

171 35.2 27.7 41.5

170 23.3 18.4 27.6

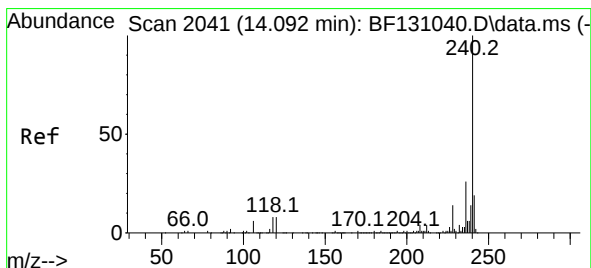
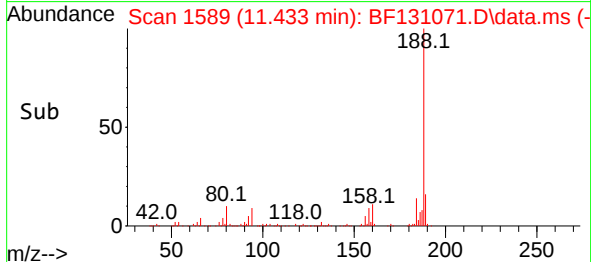
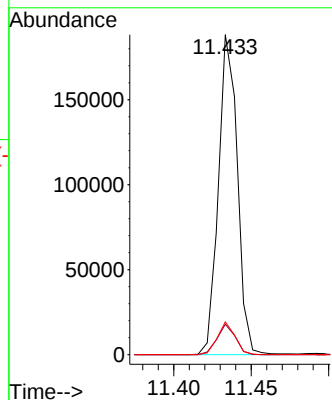
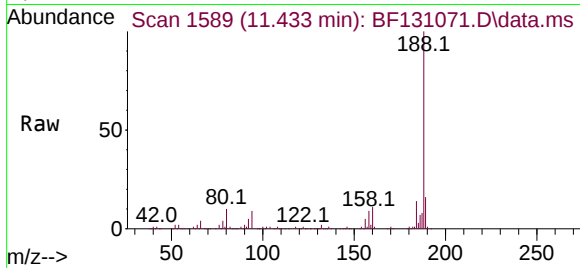




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

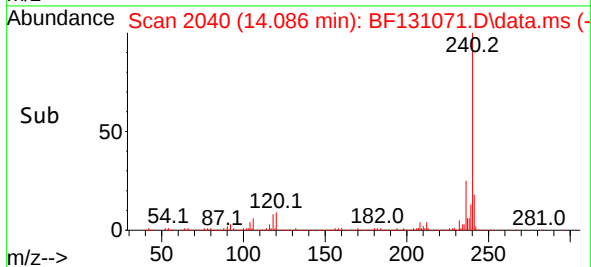
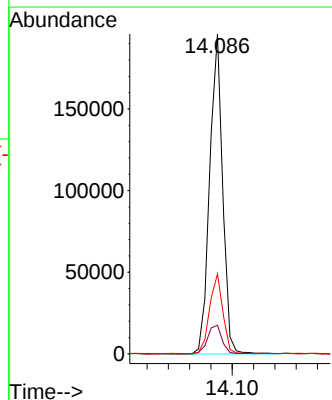
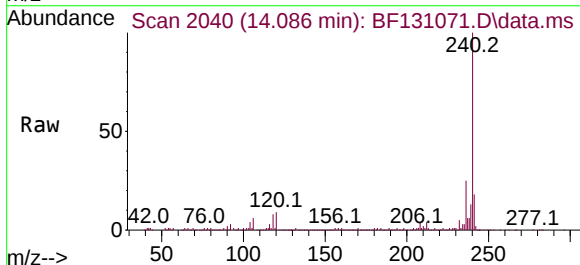
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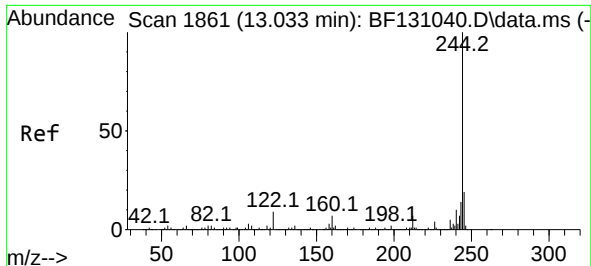
Tgt Ion:188 Resp: 160119
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 10.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131071.D
Acq: 08 Nov 2022 17:26

Tgt Ion:240 Resp: 165462
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 25.0 20.8 31.2

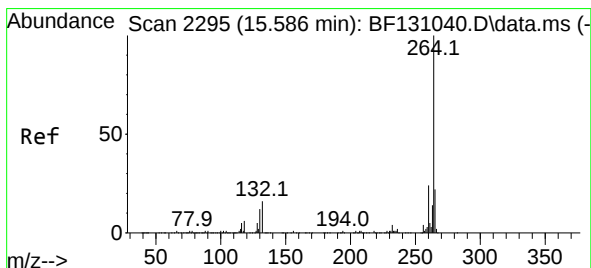
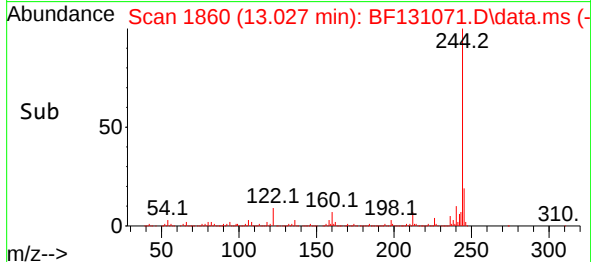
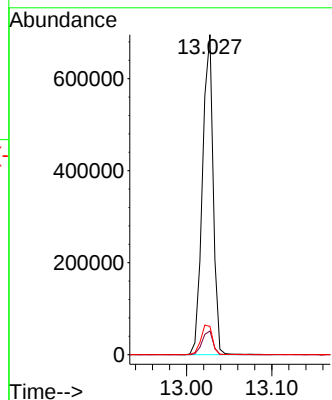
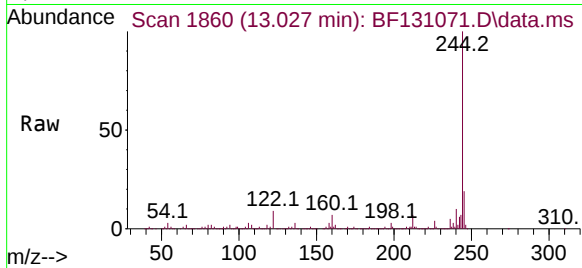




#79
 Terphenyl-d14
 Concen: 58.640 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131071.D
 Acq: 08 Nov 2022 17:26

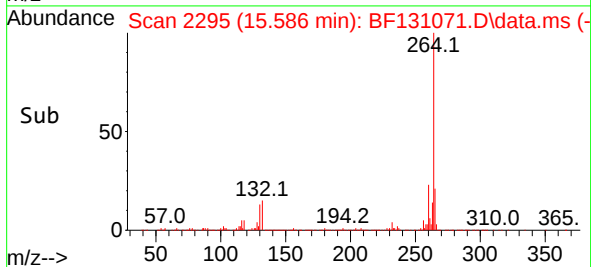
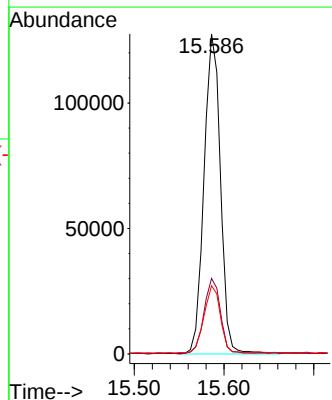
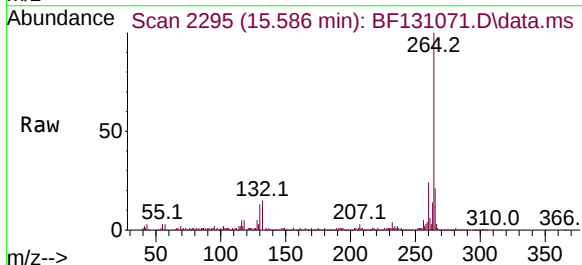
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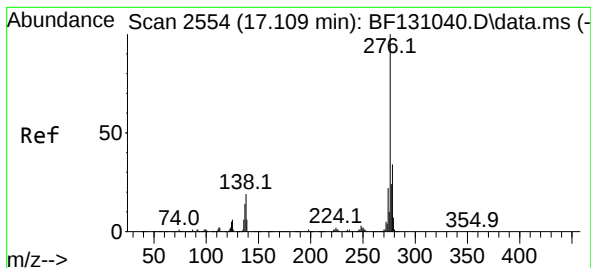
Tgt Ion:244 Resp: 605184
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 8.8 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131071.D
 Acq: 08 Nov 2022 17:26

Tgt Ion:264 Resp: 162722
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.704 ng

RT: 17.104 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF131071.D

Acq: 08 Nov 2022 17:26

Instrument :

BNA_F

ClientSampleId :

R-25RE

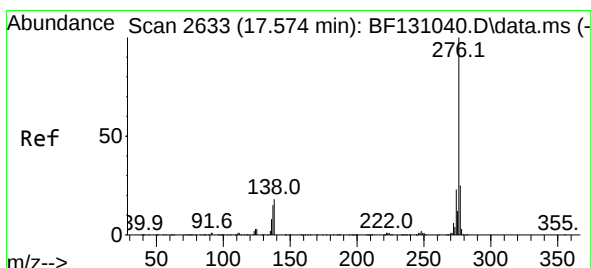
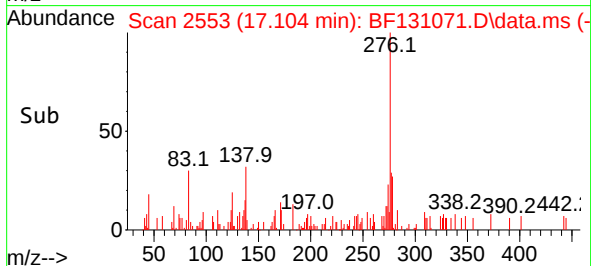
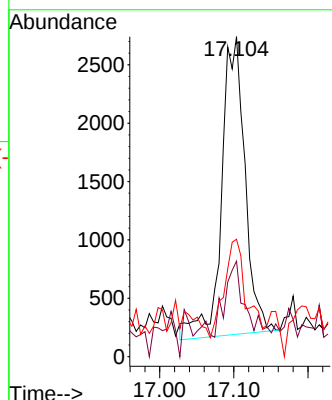
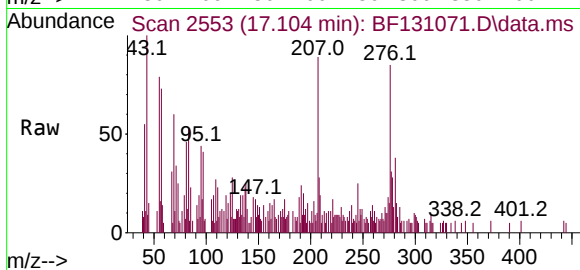
Tgt Ion:276 Resp: 5602

Ion Ratio Lower Upper

276 100

138 19.0 17.3 25.9

277 30.4 20.2 30.4#



#92

Benzo(g,h,i)perylene

Concen: 3.887 ng

RT: 17.562 min Scan# 2631

Delta R.T. -0.012 min

Lab File: BF131071.D

Acq: 08 Nov 2022 17:26

Tgt Ion:276 Resp: 6079

Ion Ratio Lower Upper

276 100

277 23.5 20.0 30.0

138 23.9 14.8 22.2#

