

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126693.D
 Acq On : 26 Jan 2022 18:18
 Operator : CG/JU
 Sample : N1267-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRAY-EXT-WALL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/27/2022
 Supervised By :Jagrut Upadhyay 01/27/2022

Quant Time: Jan 27 03:14:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	164570	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	674599	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	358586	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	484023	20.000	ng	0.00
76) Chrysene-d12	14.139	240	293638	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	301763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1504946	120.335	ng	0.02
7) Phenol-d6	6.575	99	1870477	107.647	ng	0.00
23) Nitrobenzene-d5	7.516	82	1627777	94.446	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	387015	115.327	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1504408	64.252	ng	0.00
79) Terphenyl-d14	13.086	244	2338424	133.571	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.916	122	21530m	3.446	ng	

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

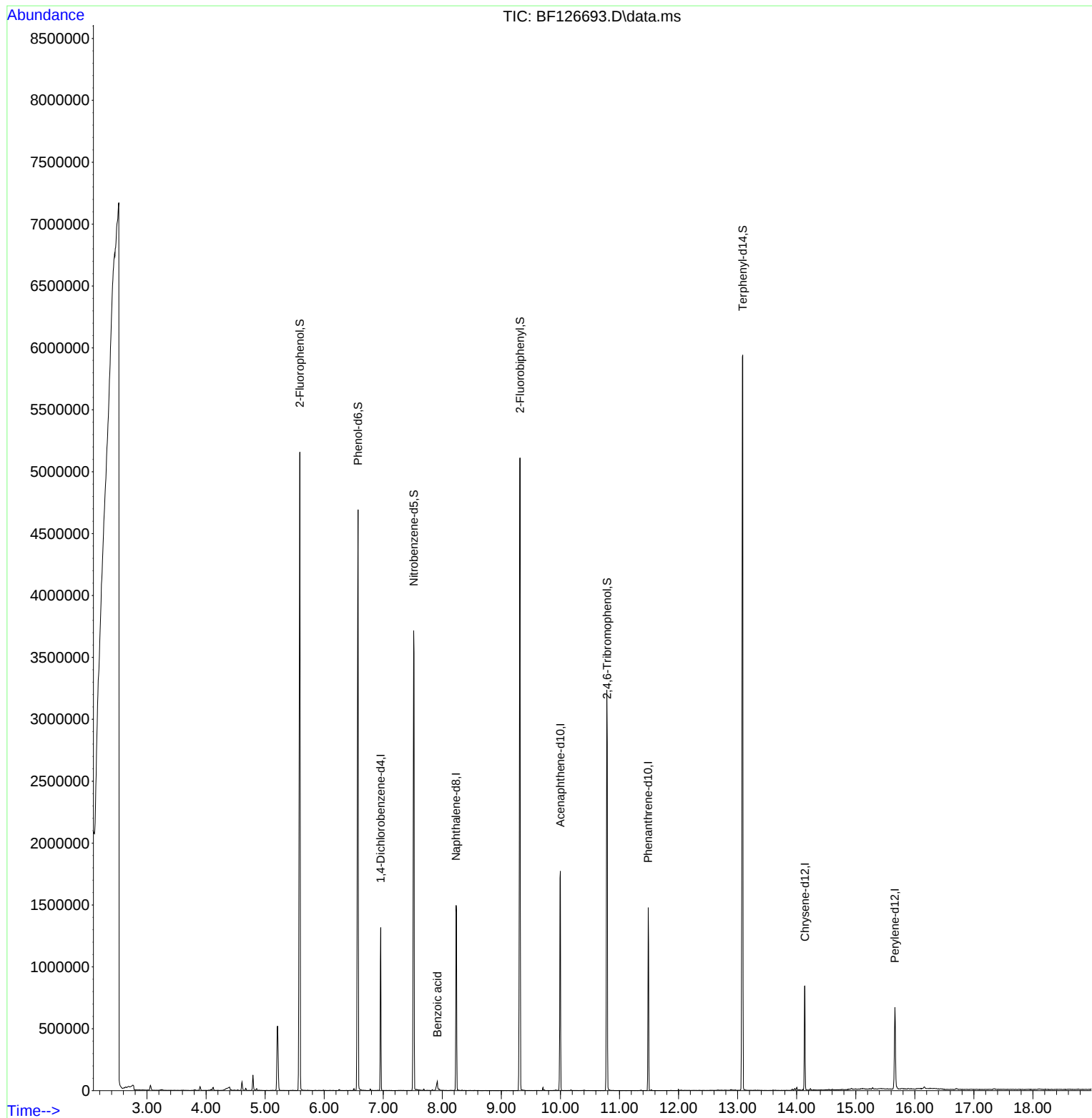
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
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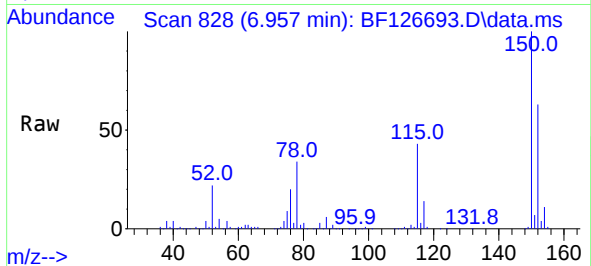
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

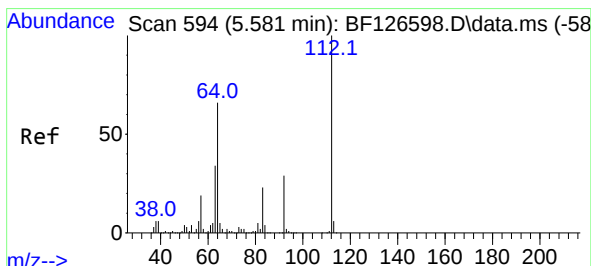
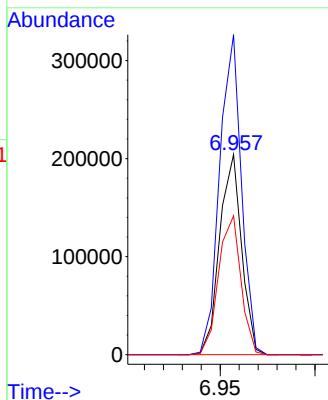
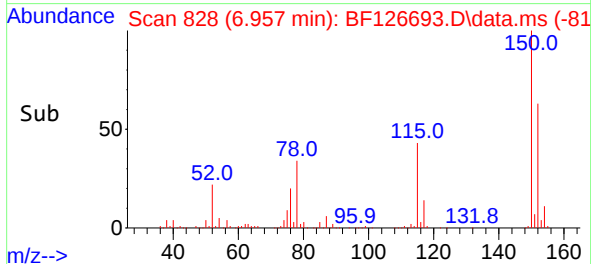
Instrument :
BNA_F
ClientSampleId :
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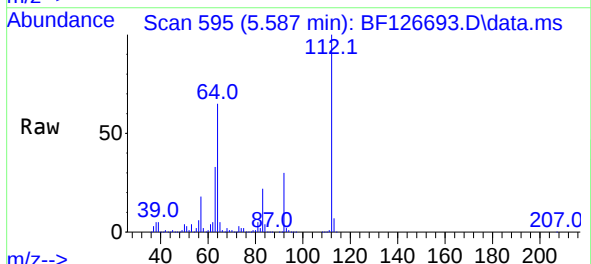
Tgt Ion:152 Resp: 164570
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 69.4 56.7 85.1

Manual Integrations
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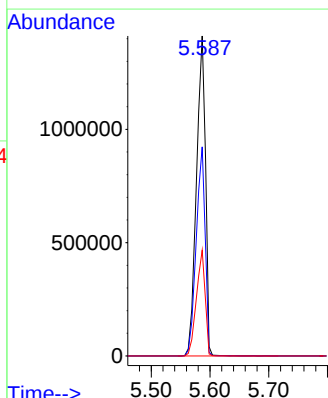
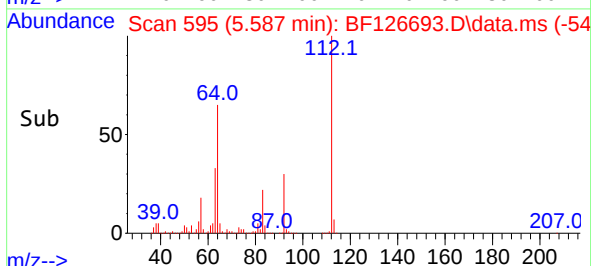
Reviewed By :Christian Giraldo 01/27/2022
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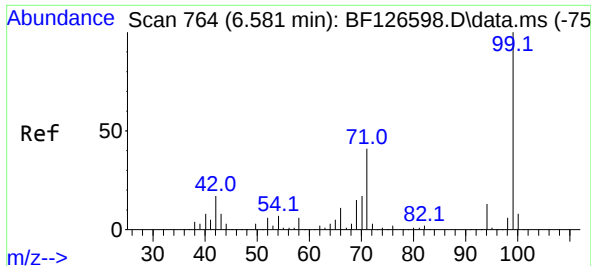


#5
2-Fluorophenol
Concen: 120.335 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18



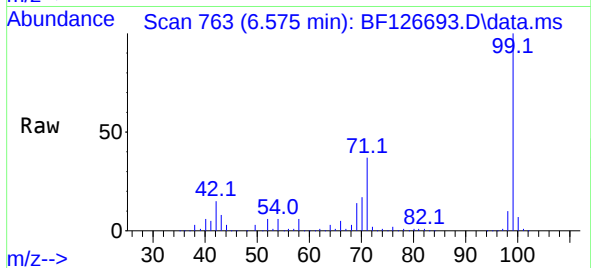
Tgt Ion:112 Resp: 1504946
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 33.0 23.9 35.9





#7
Phenol-d6
Concen: 107.647 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

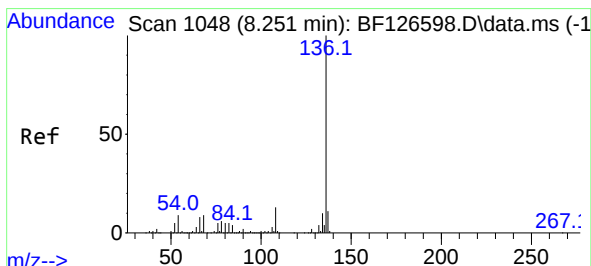
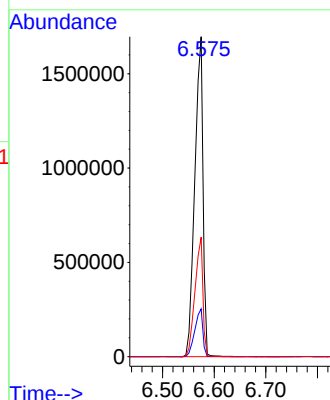
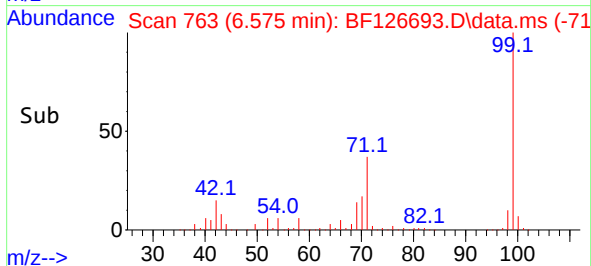
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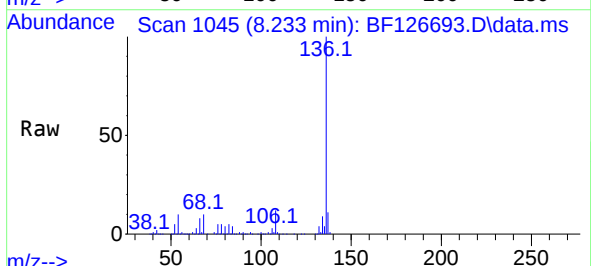
Tgt Ion: 99 Resp: 187047
Ion Ratio Lower Upper
99 100
42 15.0 14.2 21.4
71 37.3 24.3 36.5

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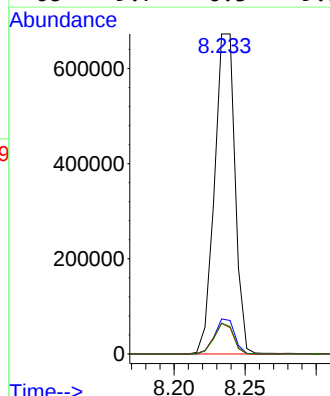
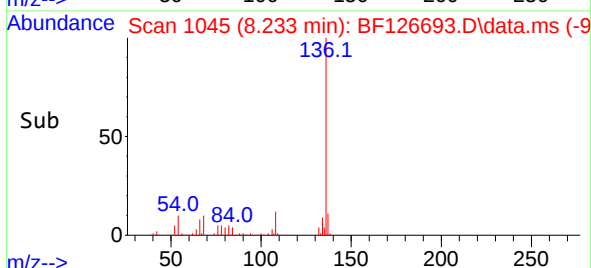
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Supervised By :Jagrut Upadhyay 01/27/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18



Tgt Ion:136 Resp: 674599
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.8 11.6
68 9.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 94.446 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126693.D

Acq: 26 Jan 2022 18:18

Instrument :

BNA_F

ClientSampleId :

GRAY-EXT-WALL

Tgt Ion: 82 Resp: 162777

Ion Ratio Lower Upper

82 100

128 32.1 32.7 49.1

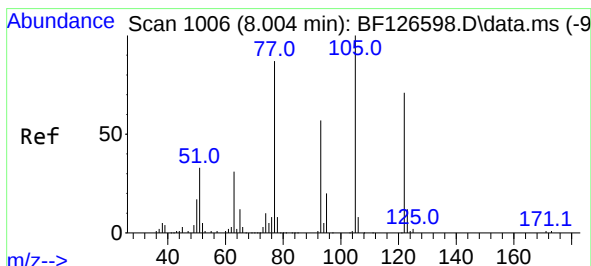
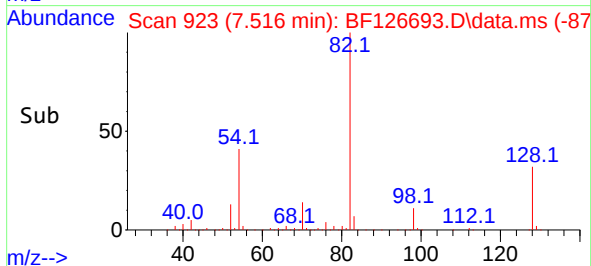
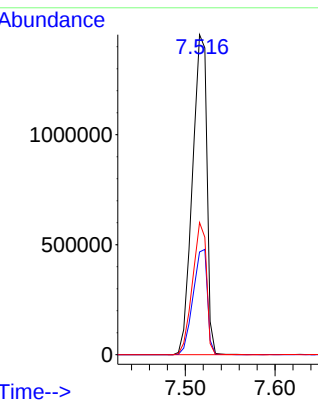
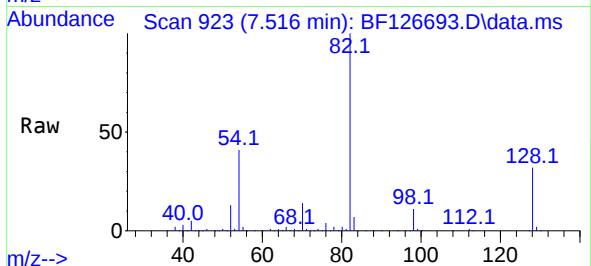
54 41.3 41.7 62.5

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#32

Benzoic acid

Concen: 3.446 ng m

RT: 7.916 min Scan# 991

Delta R.T. -0.077 min

Lab File: BF126693.D

Acq: 26 Jan 2022 18:18

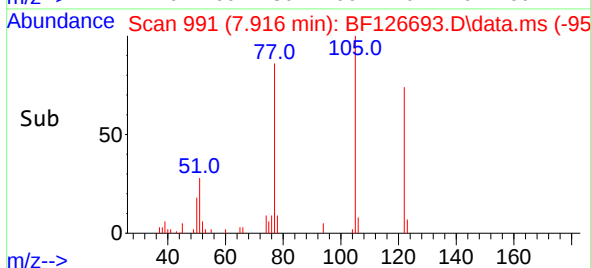
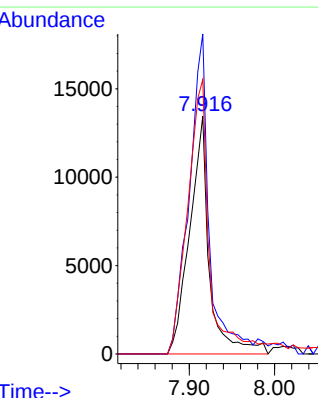
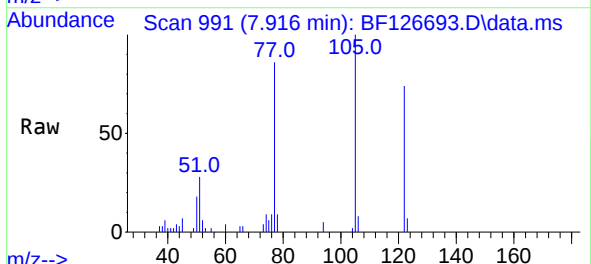
Tgt Ion:122 Resp: 21530

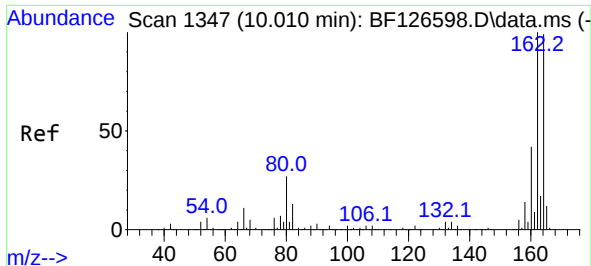
Ion Ratio Lower Upper

122 100

105 134.5 101.0 141.0

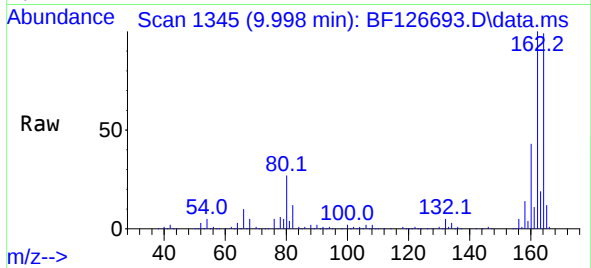
77 115.3 74.5 114.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

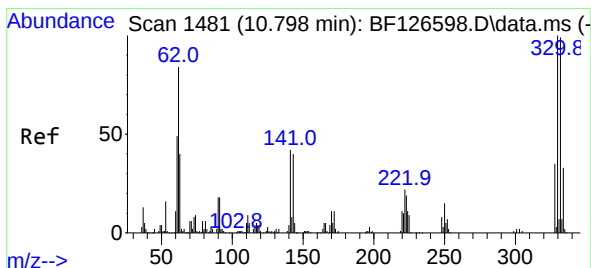
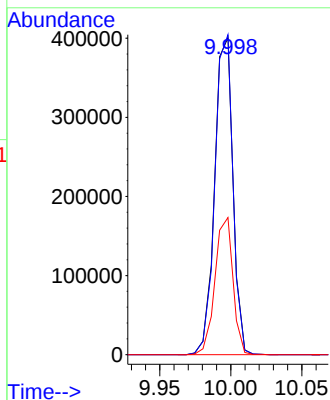
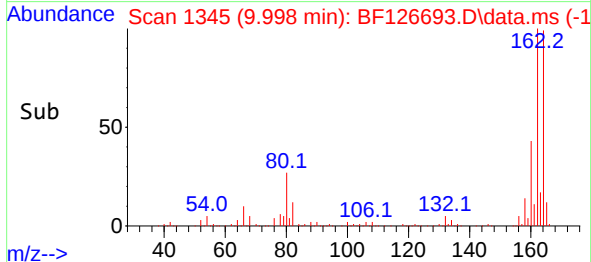
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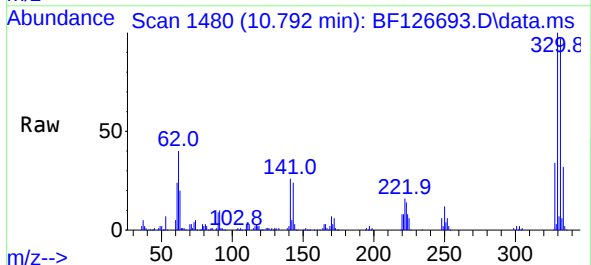
Tgt Ion:164 Resp: 358580
Ion Ratio Lower Upper
164 100
162 100.9 81.4 122.0
160 43.3 36.6 54.8

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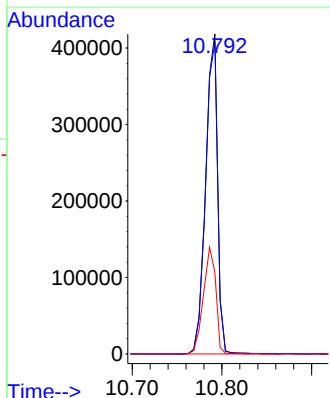
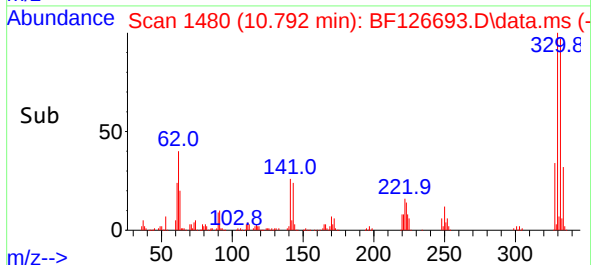
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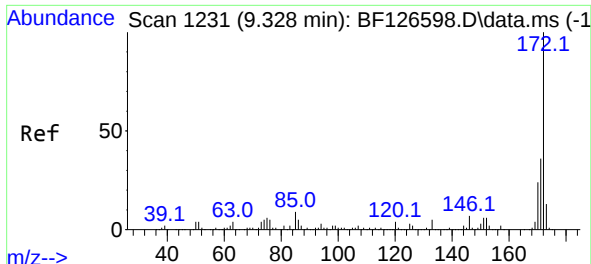


#42
2,4,6-Tribromophenol
Concen: 115.327 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18



Tgt Ion:330 Resp: 387015
Ion Ratio Lower Upper
330 100
332 98.1 76.0 114.0
141 34.6 30.1 45.1





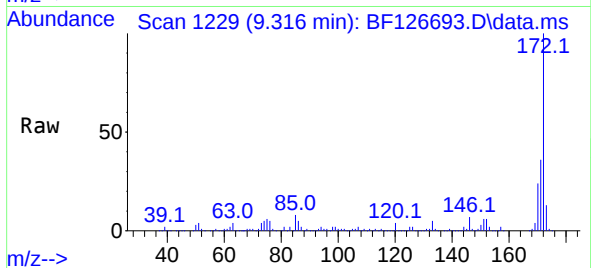
#45
2-Fluorobiphenyl
Concen: 64.252 ng
RT: 9.316 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Instrument :

BNA_F

ClientSampleId :

GRAY-EXT-WALL

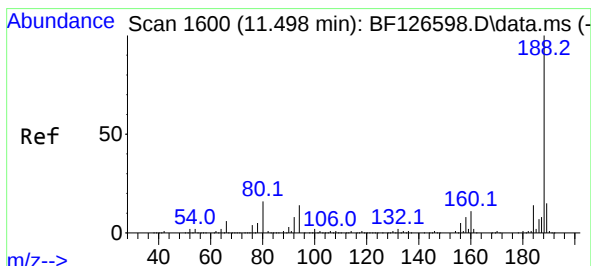
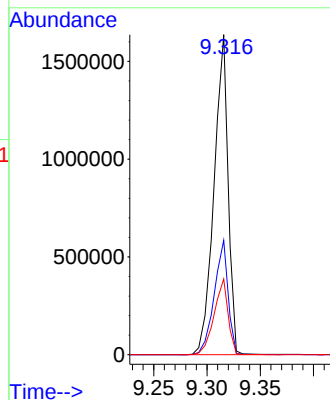
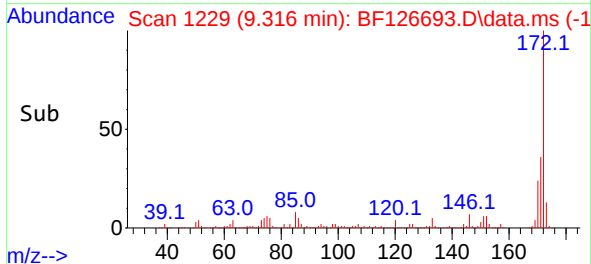


Tgt Ion:172 Resp: 1504408
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 19.0 28.6

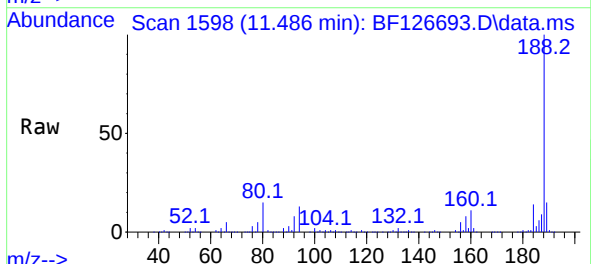
Manual Integrations

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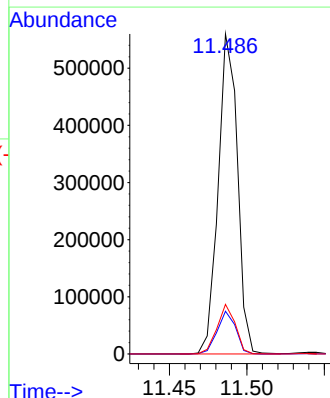
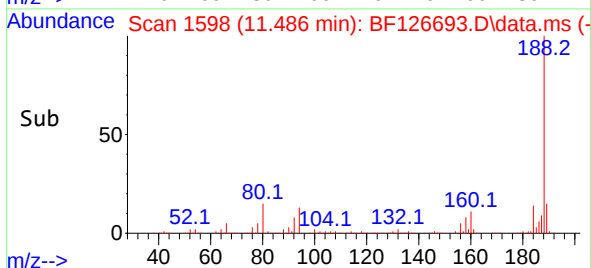
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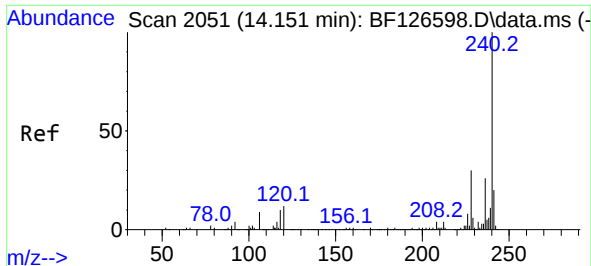


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18



Tgt Ion:188 Resp: 484023
Ion Ratio Lower Upper
188 100
94 13.4 10.1 15.1
80 15.5 11.8 17.6





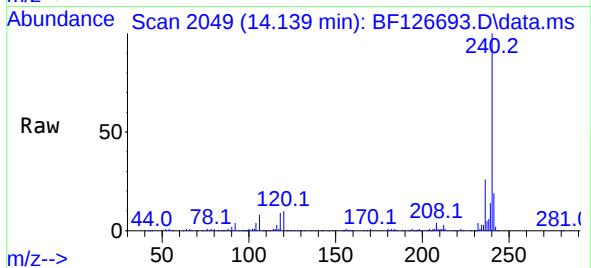
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126693.D
Acq: 26 Jan 2022 18:18

Instrument :

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GRAY-EXT-WALL

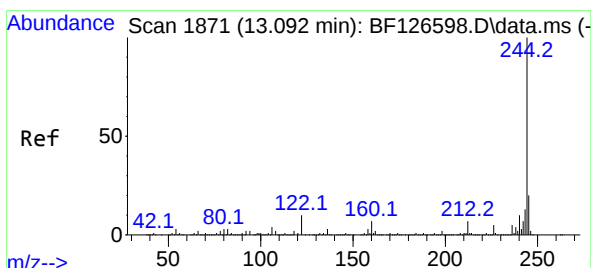
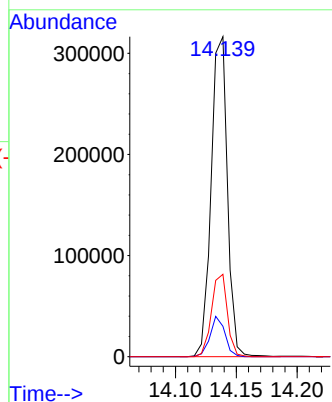
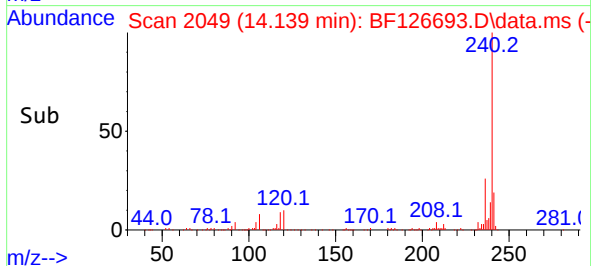


Tgt Ion:240 Resp: 293638
Ion Ratio Lower Upper
240 100
120 9.5 14.4 21.6
236 25.8 20.5 30.7

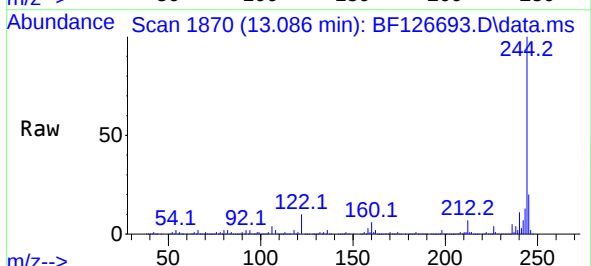
Manual Integrations

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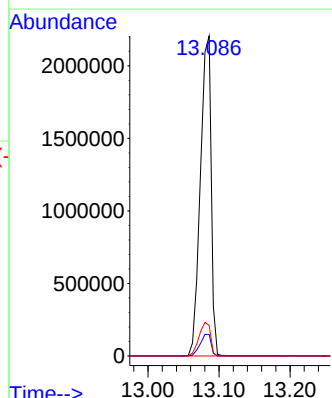
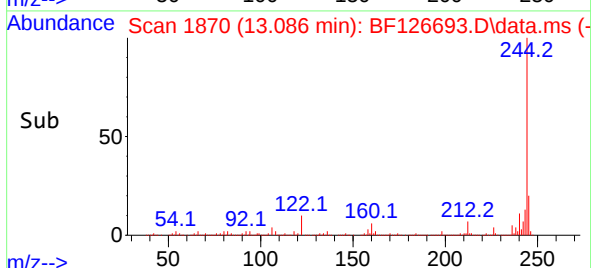
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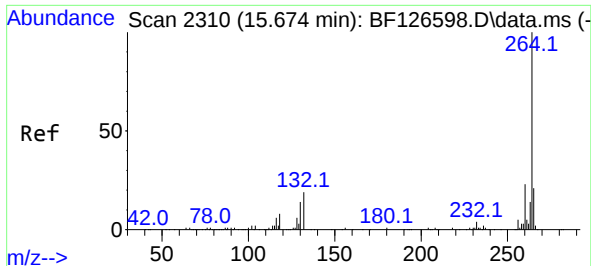


#79
Terphenyl-d14
Concen: 133.571 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126693.D
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Tgt Ion:244 Resp: 2338424
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 9.5 13.3 19.9





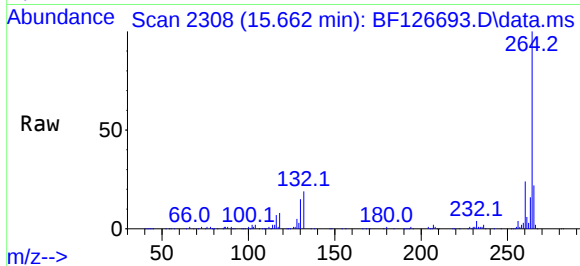
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF126693.D
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Tgt Ion:264 Resp: 30176
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.3 17.4 26.2

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