Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052528.D
Acq On : 1 Mar 2022 20:53
Operator : CG/JU
Sample : N1688-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-16R

Quant Time: Mar 02 01:52:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.218	152	32007	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	119738	20.000	ng	#-0.01
39) Acenaphthene-d10	14.862	164	79714	20.000	ng	-0.01
64) Phenanthrene-d10	17.612	188	184054	20.000	ng	-0.01
76) Chrysene-d12	21.929	240	199510	20.000	ng	-0.01
86) Perylene-d12	25.401	264	213896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	59050	32.154	ng	0.00
7) Phenol-d6	7.367	99	50272	17.742	ng	0.00
23) Nitrobenzene-d5	9.393	82	215497	78.219	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	88102	76.930	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	470262	81.974	ng	0.00
79) Terphenyl-d14	20.208	244	741468	65.627	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.396	94	6820	2.422	ng	98
74) Di-n-butylphthalate	18.551	149	44871	4.542	ng	99

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

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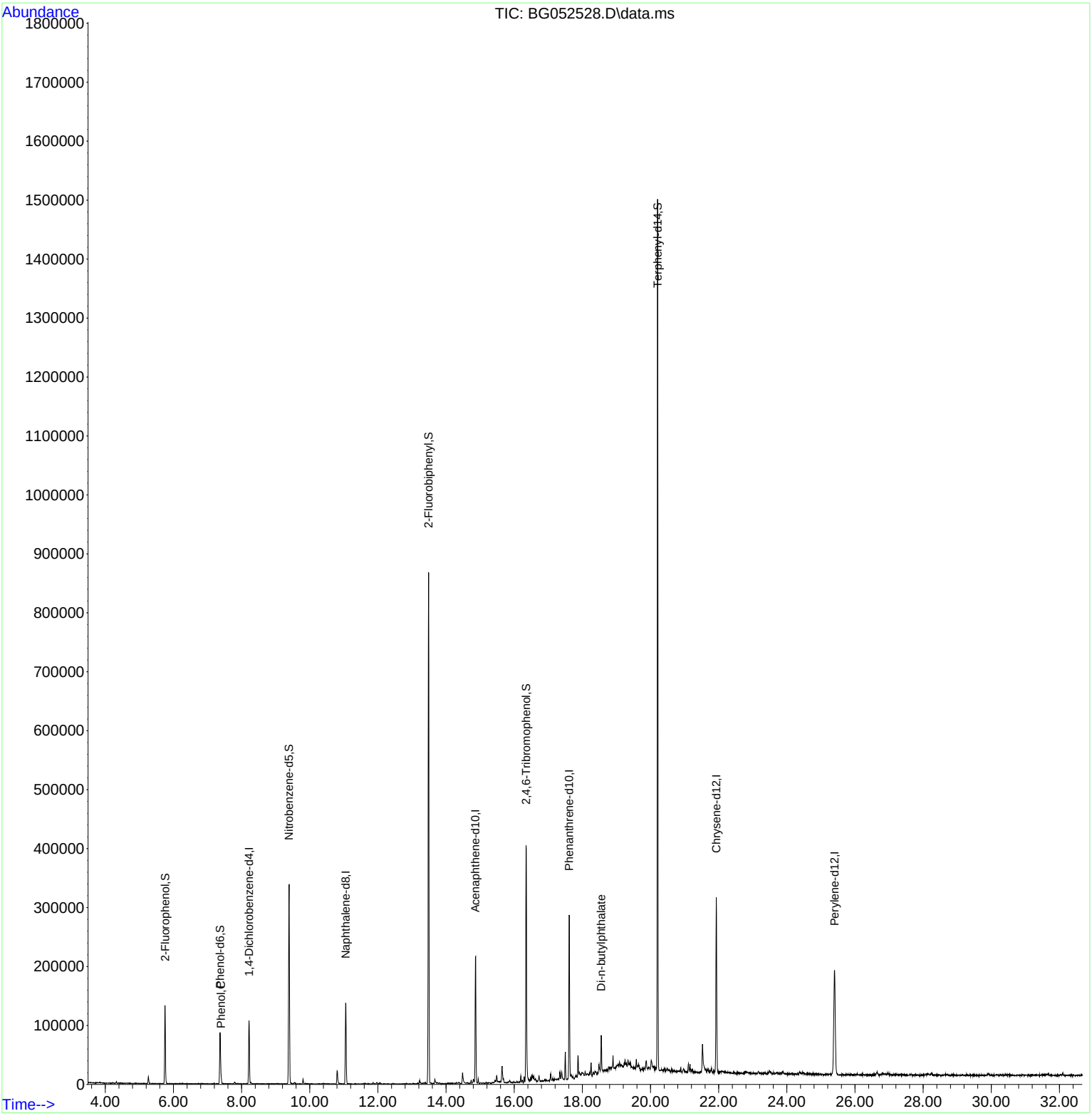
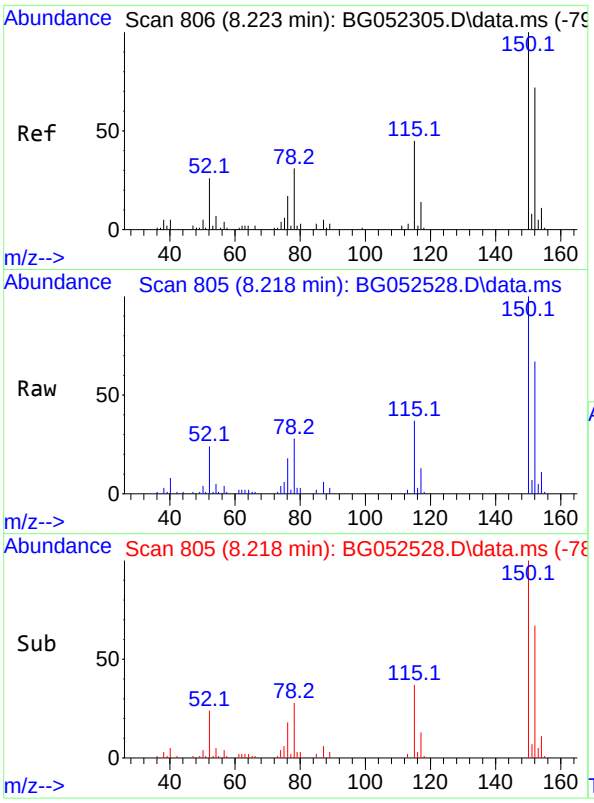


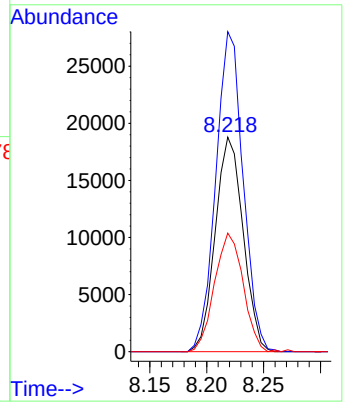


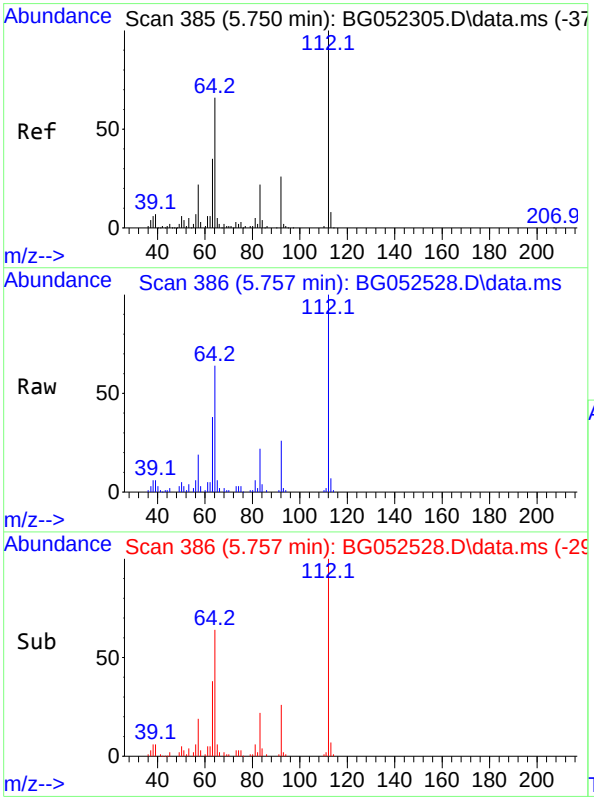
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.218 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Instrument :
BNA_G
ClientSampleId :
MW-16R

Tgt Ion:152 Resp: 32007

Ion	Ratio	Lower	Upper
152	100		
150	149.2	117.8	176.8
115	55.3	50.2	75.2

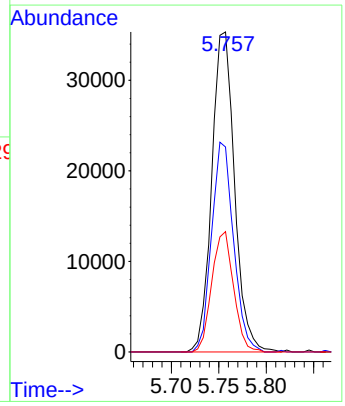


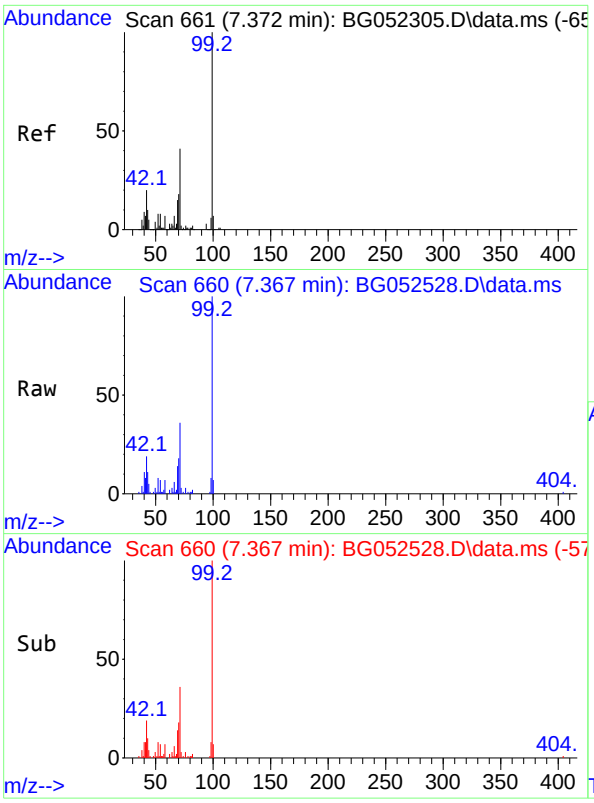


#5
2-Fluorophenol
Concen: 32.154 ng
RT: 5.757 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:112 Resp: 59050

Ion	Ratio	Lower	Upper
112	100		
64	64.0	60.4	90.6
63	37.6	33.3	49.9



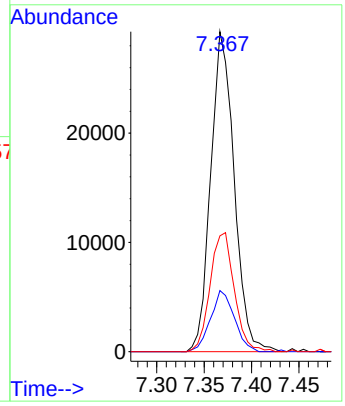


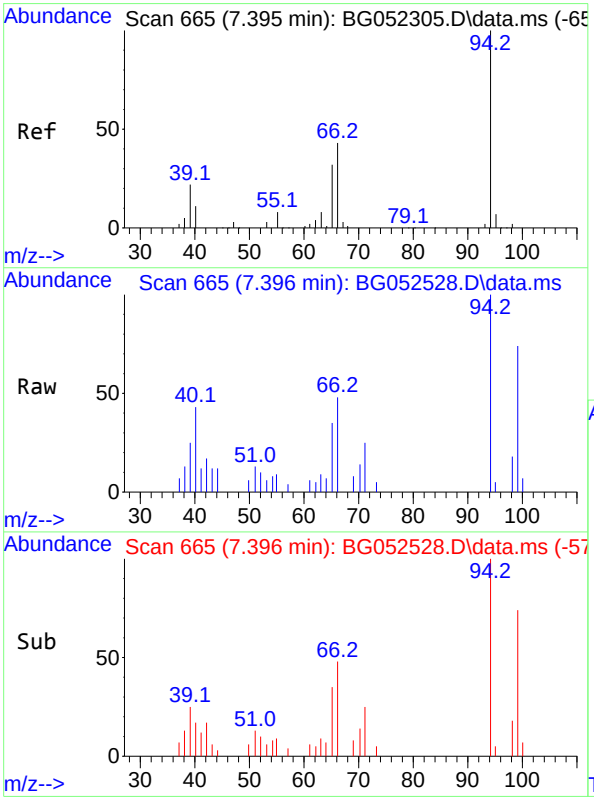
#7
Phenol-d6
Concen: 17.742 ng
RT: 7.367 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Instrument :
BNA_G
ClientSampleId :
MW-16R

Tgt Ion: 99 Resp: 50272

Ion	Ratio	Lower	Upper
99	100		
42	19.1	19.1	28.7#
71	36.2	33.4	50.2

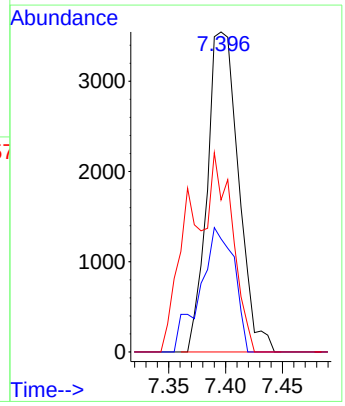


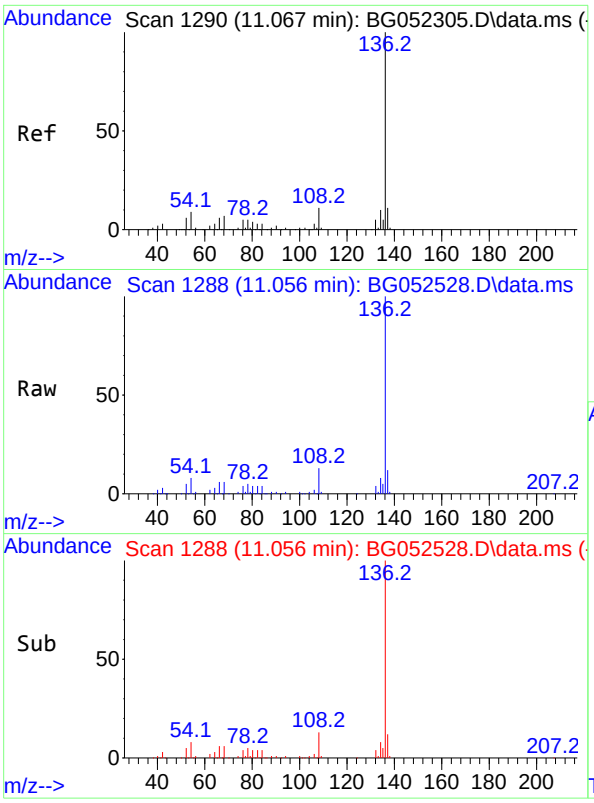


#10
Phenol
Concen: 2.422 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion: 94 Resp: 6820

Ion	Ratio	Lower	Upper
94	100		
65	35.4	14.1	54.1
66	47.5	26.6	66.6



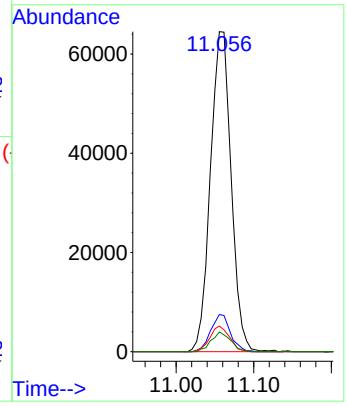


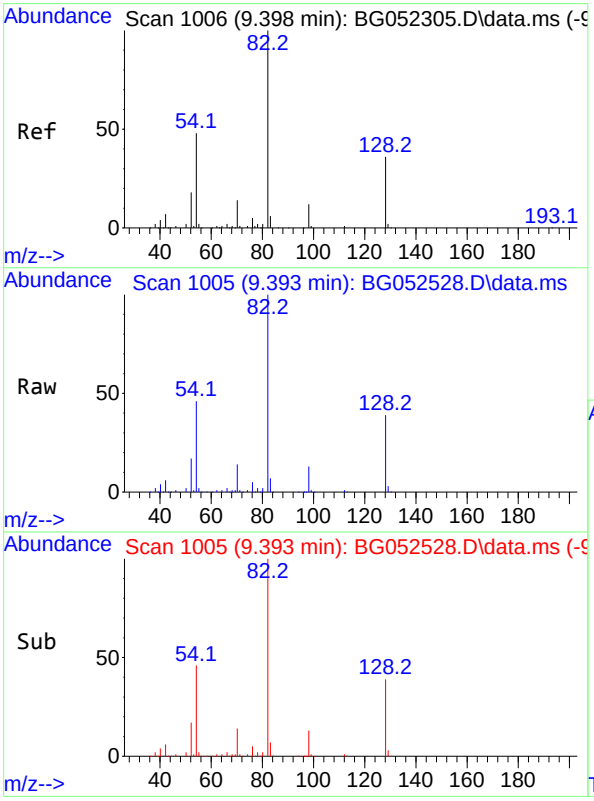
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Instrument :
BNA_G
ClientSampleId :
MW-16R

Tgt Ion:136 Resp: 119738

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.0	8.3	12.5#
68	6.2	4.5	6.7

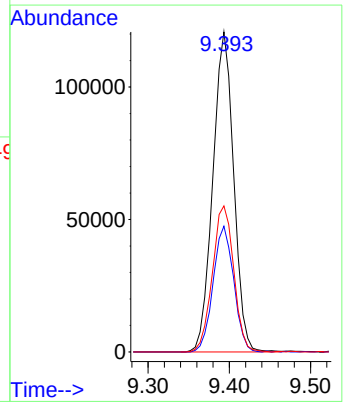


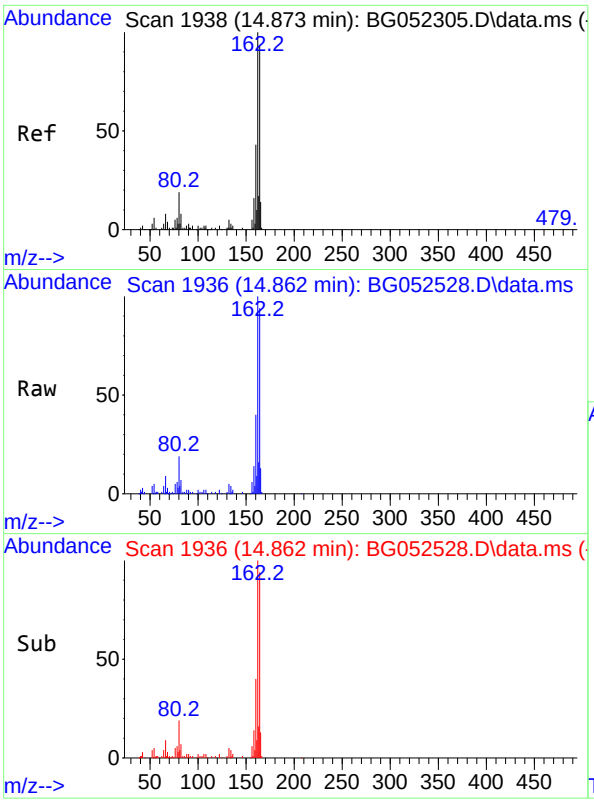


#23
Nitrobenzene-d5
Concen: 78.219 ng
RT: 9.393 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion: 82 Resp: 215497

Ion	Ratio	Lower	Upper
82	100		
128	39.3	27.0	40.4
54	45.6	41.0	61.6



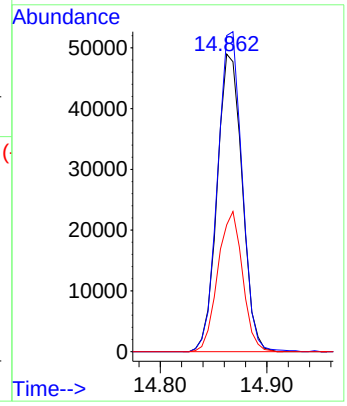


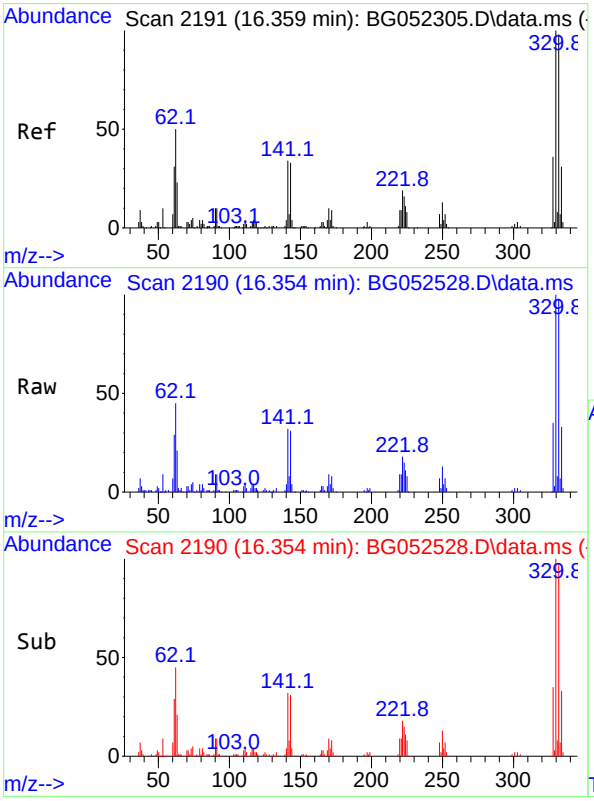
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.862 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Instrument :
BNA_G
ClientSampleId :
MW-16R

Tgt Ion:164 Resp: 79714

Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.2	123.2
160	42.7	36.2	54.2

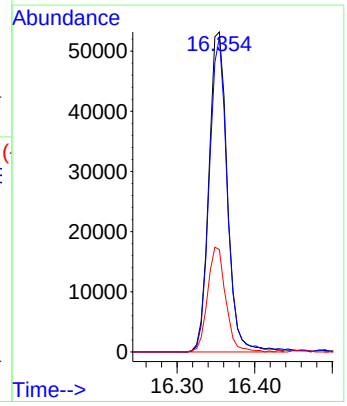


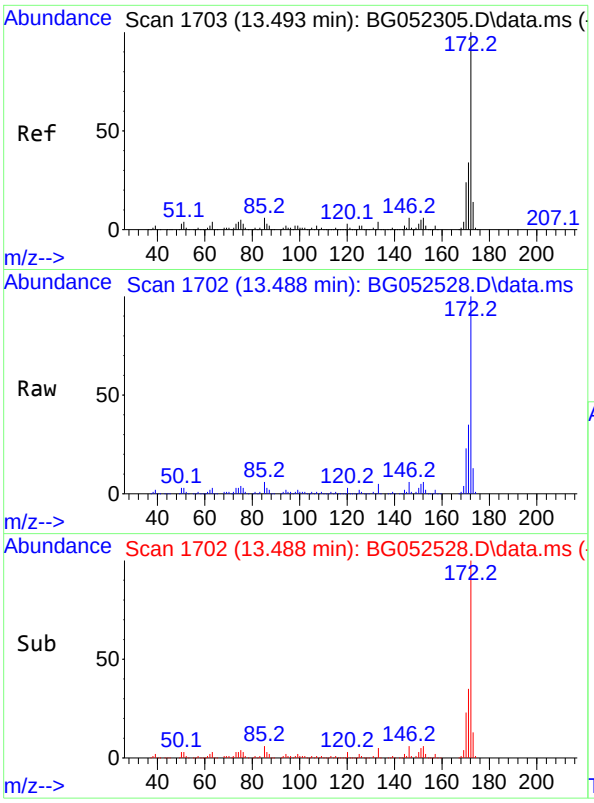


#42
2,4,6-Tribromophenol
Concen: 76.930 ng
RT: 16.354 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:330 Resp: 88102

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.6	117.8
141	32.1	28.8	43.2



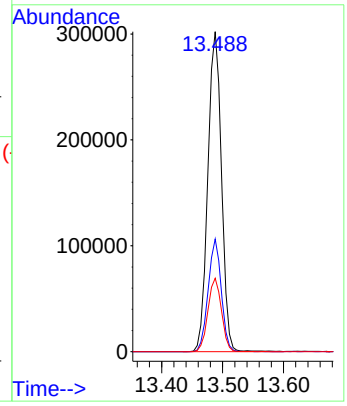


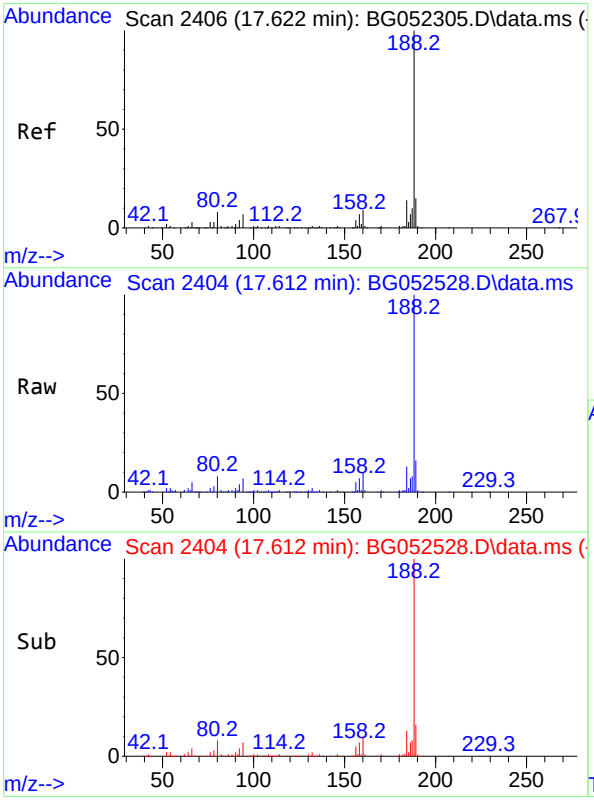
#45
2-Fluorobiphenyl
Concen: 81.974 ng
RT: 13.488 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Instrument :
BNA_G
ClientSampleId :
MW-16R

Tgt Ion:172 Resp: 470262

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.9	18.3	27.5

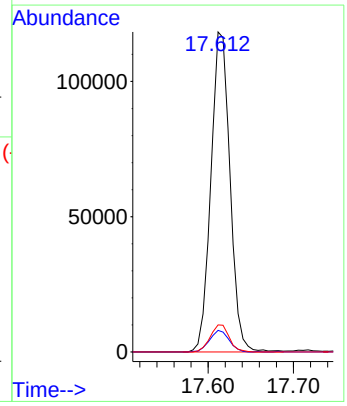


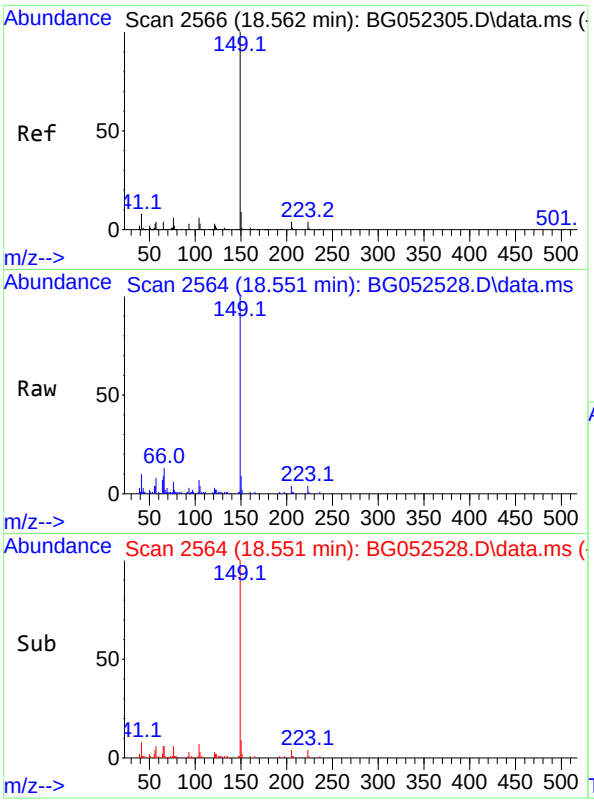


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.612 min Scan# 2404
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:188 Resp: 184054

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.9	8.9
80	8.5	6.6	10.0



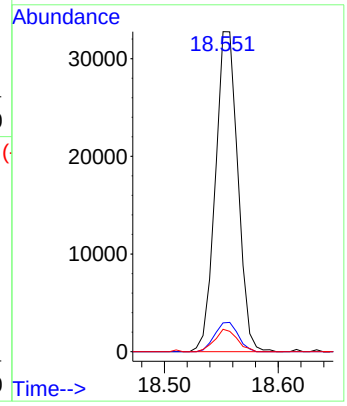


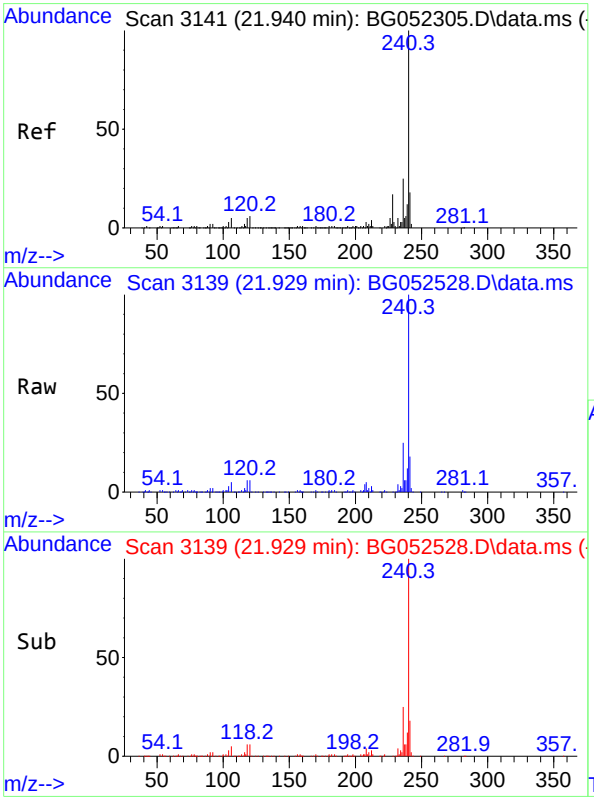
#74
Di-n-butylphthalate
Concen: 4.542 ng
RT: 18.551 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Instrument :
BNA_G
ClientSampleId :
MW-16R

Tgt Ion:149 Resp: 44871

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	7.0	5.4	8.2

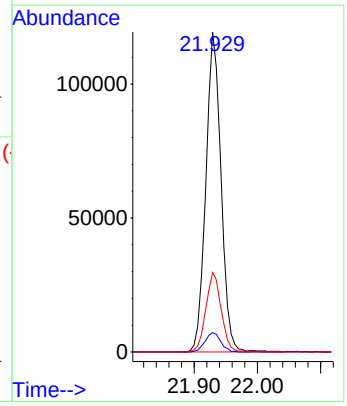


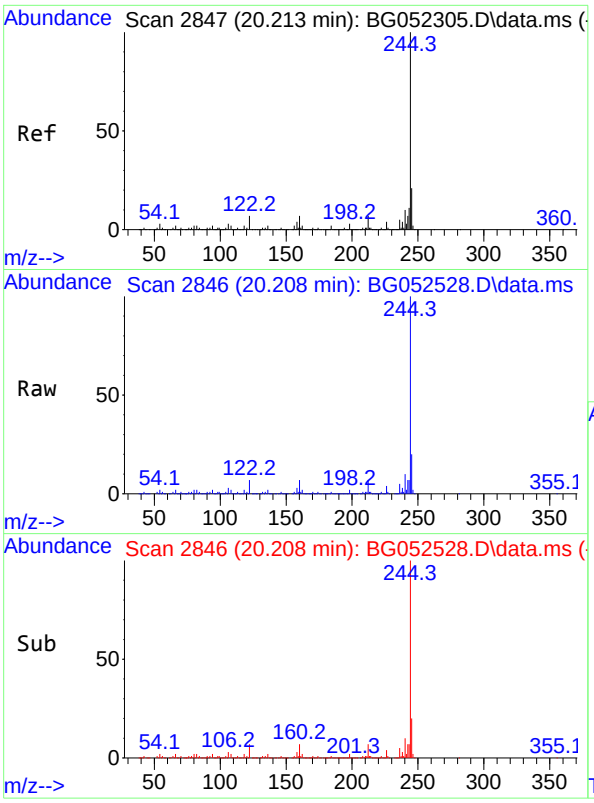


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.929 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:240 Resp: 199510

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.4	6.6
236	24.9	20.8	31.2



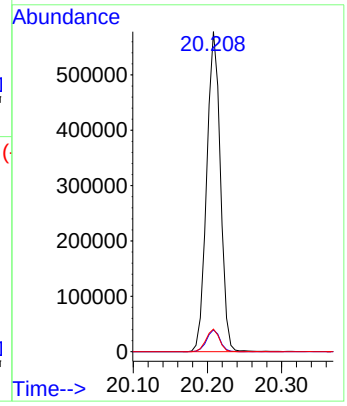


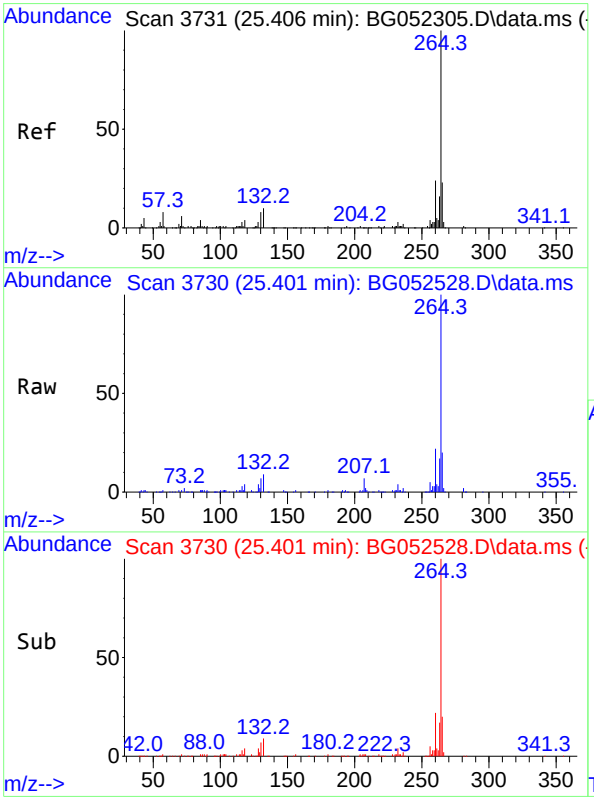
#79
Terphenyl-d14
Concen: 65.627 ng
RT: 20.208 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Instrument :
BNA_G
ClientSampleId :
MW-16R

Tgt Ion:244 Resp: 741468

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	7.1	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.401 min Scan# 3730
Delta R.T. -0.005 min
Lab File: BG052528.D
Acq: 1 Mar 2022 20:53

Tgt Ion:264 Resp: 213896

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.5	27.7
265	20.4	17.8	26.6